

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: STREETWORKS

Report Number: P385467

Luminaire Tested: GAW-SA1A-730-U-SLL

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385467
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GAW-SA1A-730-U-SLL
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 3000K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3983 lumens
Efficiency: N/A
Efficacy: 117.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G2

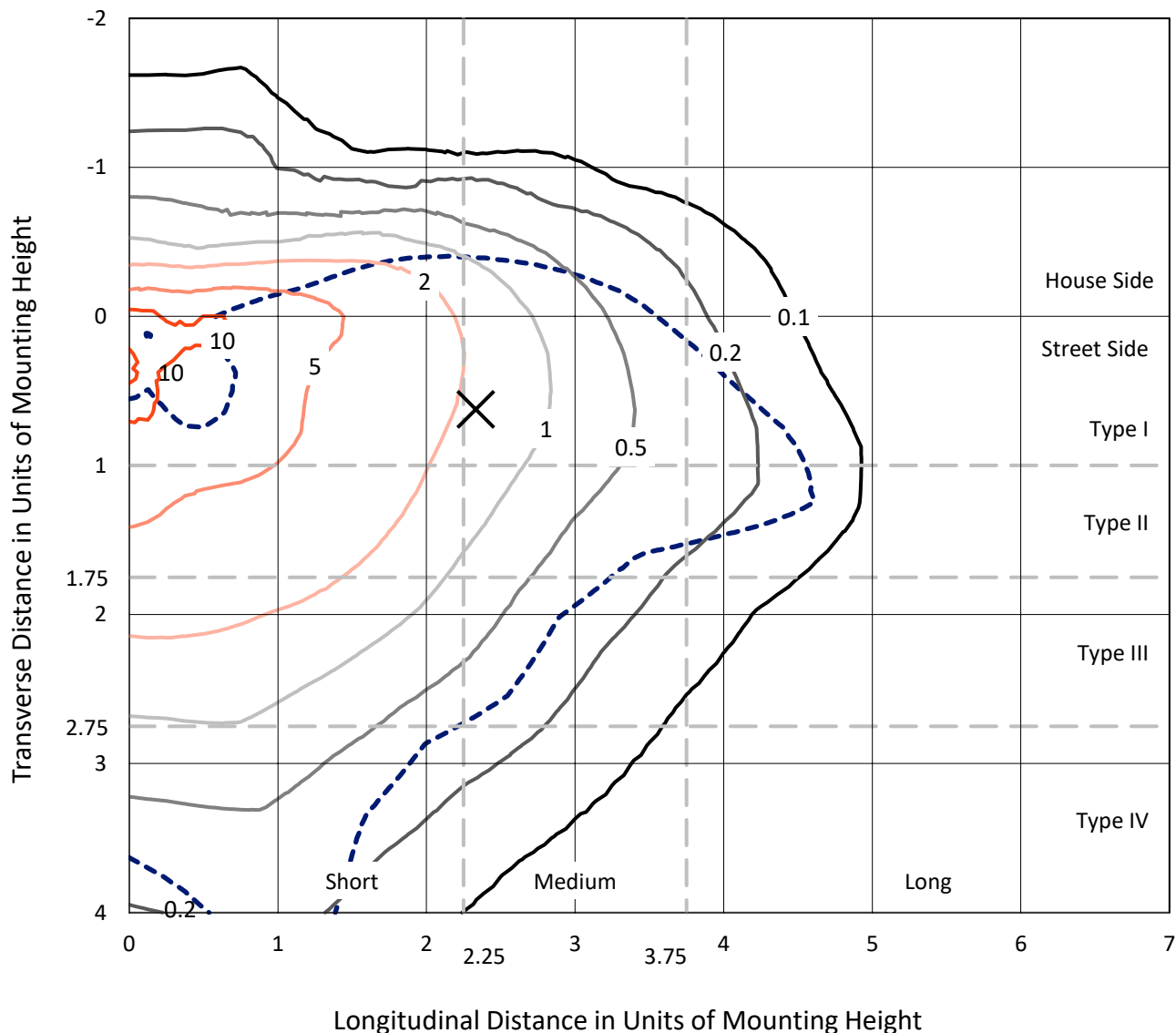
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

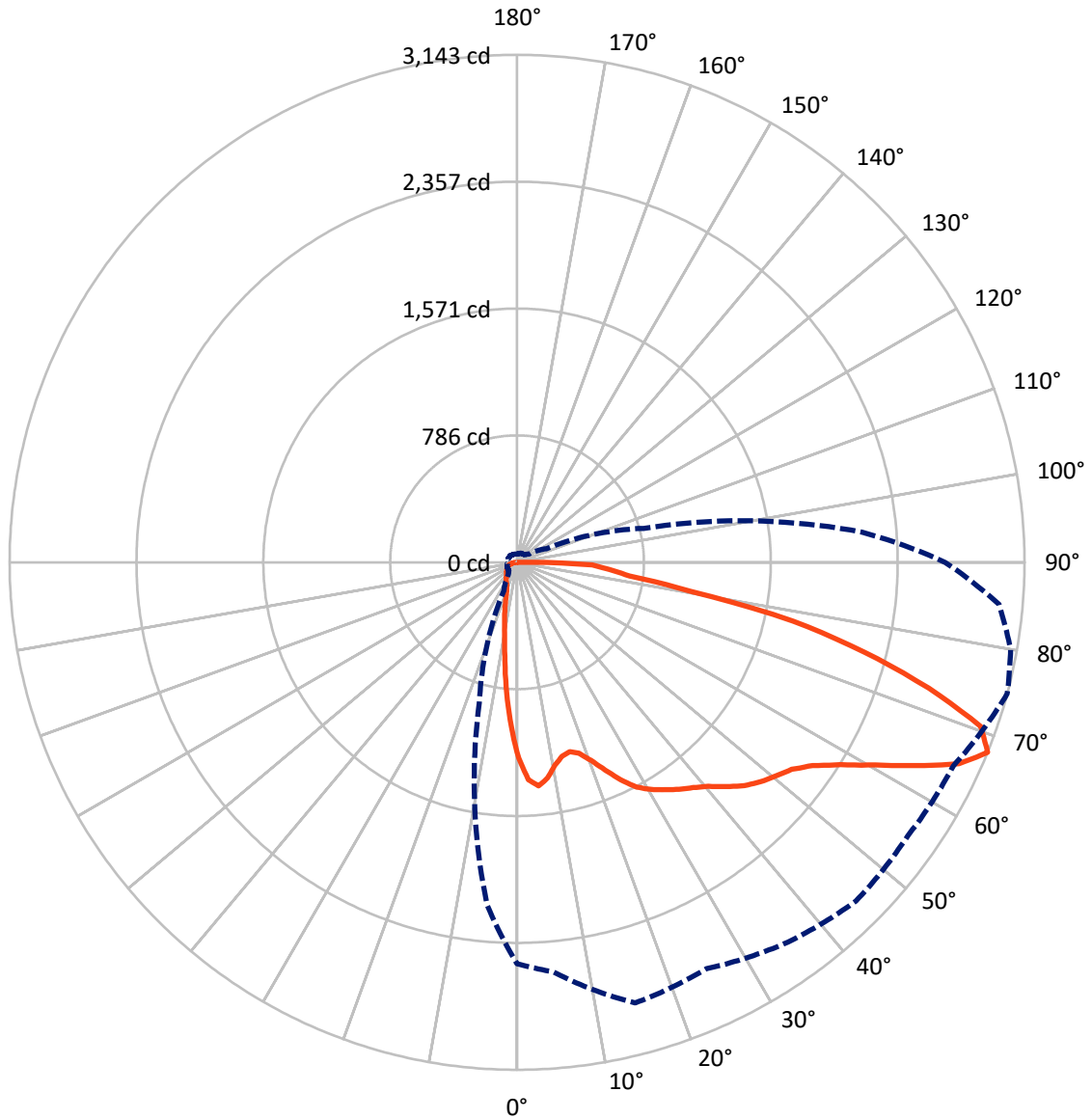
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.3 fc
 Type III - Medium - N/A

REPORT NUMBER: P385467
CATALOG NUMBER: GAW-SA1A-730-U-SLL

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

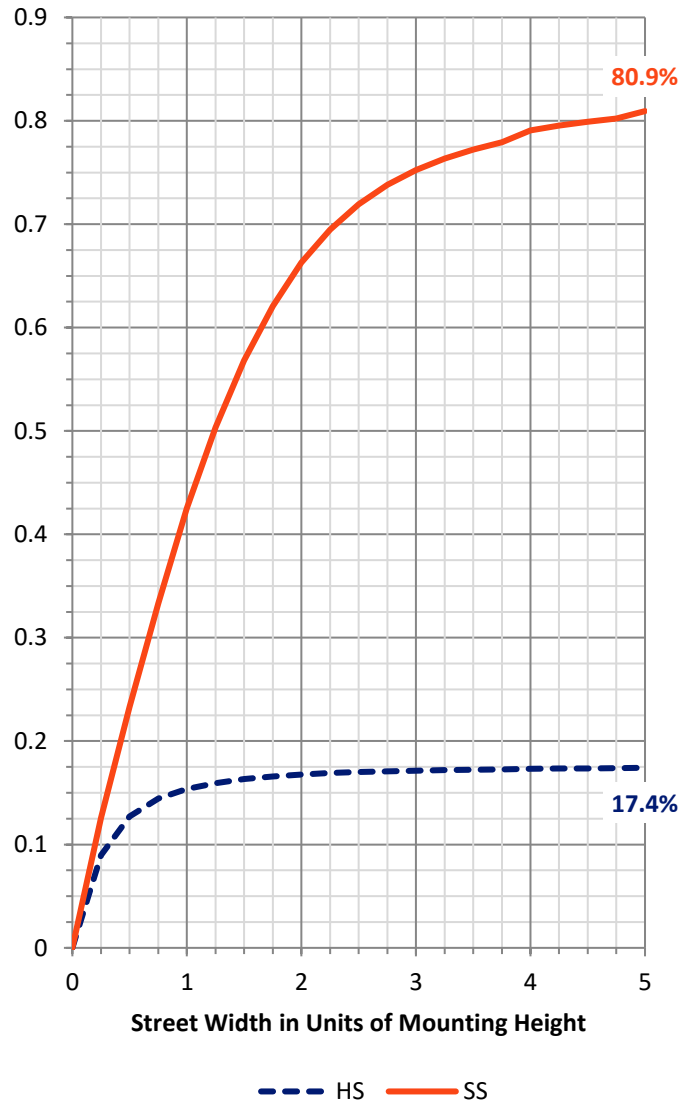
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	701.5	0.0	701.5
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	3281.5	0.0	3281.5
	% Fixture	82.4	0.0	82.4
Total	Lumens	3983.0	0.0	3983.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.6	2.4
10°-20°	194.6	4.9
20°-30°	276.7	6.9
30°-40°	398.7	10.0
40°-50°	561.9	14.1
50°-60°	781.1	19.6
60°-70°	944.6	23.7
70°-80°	580.6	14.6
80°-90°	151.1	3.8
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°	3983.0	100.0
0°-180°	3983.0	100.0

Coefficient of Utilization

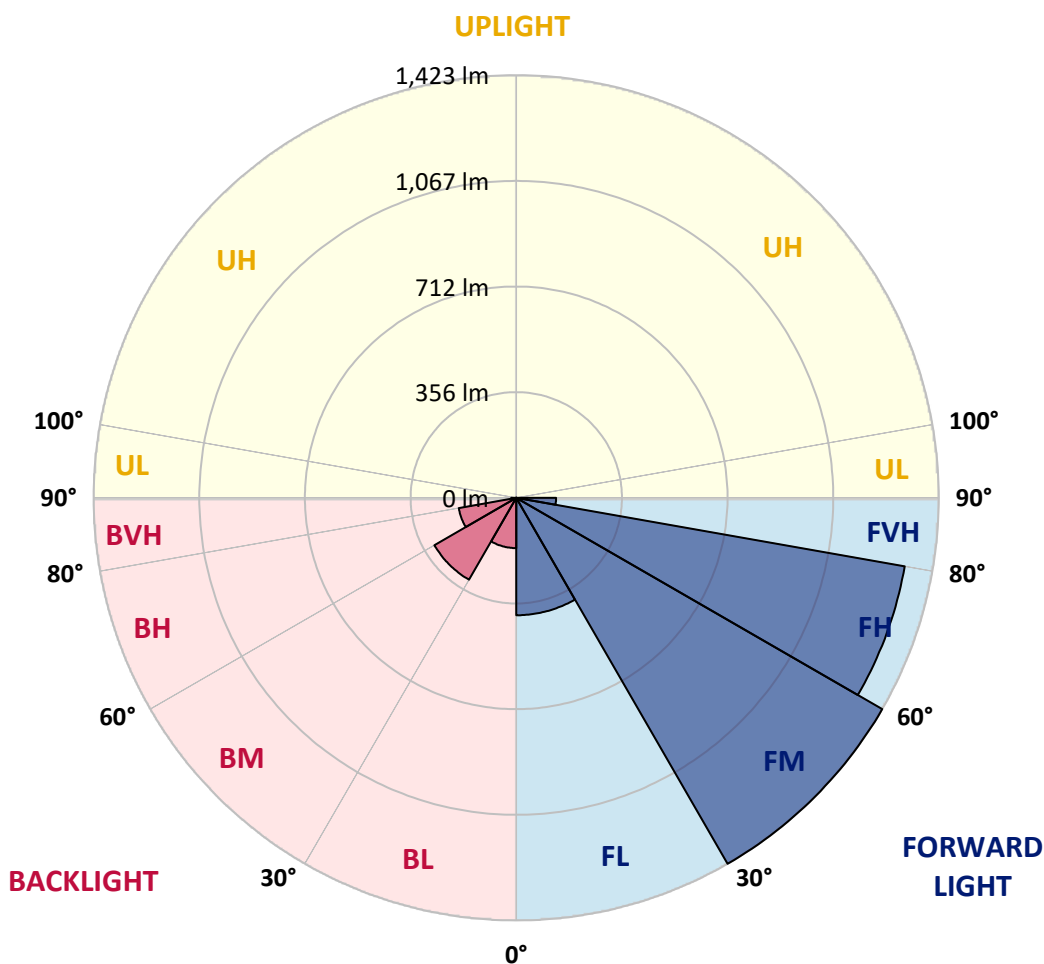


REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	395.5	9.9			
FM (30°-60°)	1423.3	35.7			
FH (60°-80°)	1328.6	33.4			G1/1800
FVH (80°-90°)	134.1	3.4			G2/225
BL (0°-30°)	169.4	4.3	B1/500		
BM (30°-60°)	318.4	8.0	B1/1000		
BH (60°-80°)	196.7	4.9	B1/500		G1/500
BVH (80°-90°)	17.0	0.4			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 Medium





REPORT NUMBER: P385467

CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1293.4	1310.4	1322.2	1333.8	1342.9	1351.8	1364.9	1377.9	1380.5	1382.9	1377.8
5°	1285.7	1327.3	1362.7	1397.8	1430.5	1463.1	1482.7	1502.3	1506.3	1510.3	1498.0
7.5°	1203.4	1264.7	1326.0	1387.3	1443.5	1499.8	1534.0	1568.1	1575.9	1583.5	1563.5
10°	1109.8	1181.1	1256.4	1331.8	1405.8	1479.9	1529.4	1578.9	1588.8	1598.7	1573.6
12.5°	1038.6	1116.5	1196.9	1277.3	1355.5	1433.5	1484.8	1536.1	1548.3	1560.6	1542.4
15°	1011.2	1096.6	1172.2	1247.8	1316.0	1384.0	1426.0	1467.9	1473.0	1477.9	1475.1
17.5°	1038.6	1132.7	1201.2	1269.5	1306.6	1343.5	1360.4	1377.1	1382.7	1388.1	1395.5
20°	1118.7	1220.3	1268.5	1316.6	1315.0	1313.3	1305.2	1296.9	1295.5	1294.0	1314.7
22.5°	1233.0	1351.0	1370.3	1389.4	1344.7	1299.9	1272.7	1245.3	1239.9	1234.3	1256.3
25°	1367.3	1492.9	1489.4	1485.7	1400.6	1315.2	1263.3	1211.4	1205.3	1199.3	1218.1
27.5°	1513.3	1633.4	1610.4	1587.5	1471.7	1356.0	1280.6	1205.3	1199.3	1193.2	1209.8
30°	1627.5	1736.4	1699.6	1662.8	1531.8	1400.7	1311.2	1221.7	1211.8	1201.8	1222.2
32.5°	1724.1	1816.8	1767.4	1718.1	1580.5	1442.9	1346.1	1249.3	1233.8	1218.4	1245.6
35°	1824.8	1897.1	1827.6	1758.1	1624.0	1489.7	1387.3	1284.8	1265.8	1246.9	1284.3
37.5°	1938.0	1998.0	1898.3	1798.5	1672.9	1547.2	1449.1	1350.9	1331.4	1312.0	1359.8
40°	2057.6	2107.6	1974.6	1841.7	1726.4	1611.1	1534.6	1458.0	1439.6	1420.9	1478.9
42.5°	2162.2	2198.7	2045.6	1892.6	1790.9	1688.9	1635.1	1581.1	1581.0	1580.7	1639.4
45°	2241.0	2272.7	2104.9	1936.9	1853.8	1770.5	1742.4	1714.4	1736.9	1759.3	1812.5
47.5°	2306.5	2328.0	2154.6	1981.0	1925.7	1870.5	1874.6	1878.8	1924.5	1970.2	2004.4
50°	2381.3	2364.0	2199.6	2035.1	2018.1	2001.1	2038.3	2075.4	2128.0	2180.4	2203.6
52.5°	2462.4	2416.4	2260.8	2105.0	2124.2	2143.3	2219.1	2294.9	2347.9	2400.9	2409.7
55°	2608.1	2537.6	2373.2	2208.7	2245.5	2282.1	2393.4	2504.6	2546.0	2587.4	2590.6
57.5°	2772.3	2709.7	2530.7	2351.7	2391.2	2430.7	2559.2	2687.6	2732.3	2776.9	2770.7
60°	2835.5	2838.5	2680.2	2521.8	2561.6	2601.4	2726.6	2851.7	2903.2	2954.5	2940.8
62.5°	2771.8	2846.5	2761.9	2677.2	2713.4	2749.3	2872.0	2994.6	3047.3	3100.0	3076.1
65°	2645.8	2719.9	2757.8	2795.7	2807.6	2819.6	2934.1	3048.4	3088.9	3129.1	3117.0
67.5°	2485.6	2545.5	2685.3	2825.0	2800.9	2776.9	2830.6	2884.2	2925.8	2967.4	2960.5
70°	2300.1	2371.5	2557.9	2744.4	2626.3	2507.9	2485.8	2463.7	2508.6	2553.3	2525.6
72.5°	1967.5	2075.1	2274.0	2472.7	2255.1	2037.4	1961.7	1886.1	1942.9	1999.8	1955.7
75°	1486.1	1628.9	1848.7	2068.3	1808.5	1548.8	1447.8	1346.9	1395.8	1444.7	1414.4
77.5°	1033.5	1212.6	1429.1	1645.5	1381.4	1117.3	1042.3	967.1	981.7	996.2	991.1
80°	704.7	822.5	973.5	1124.3	948.5	772.7	778.5	784.3	777.4	770.4	780.6
82.5°	441.9	524.9	641.4	757.8	664.5	571.2	624.7	678.2	651.9	625.5	635.4
85°	248.9	299.5	413.6	527.4	491.6	455.6	487.0	518.2	477.4	436.6	454.6
87.5°	47.5	79.0	228.8	378.5	343.6	308.8	268.3	227.9	173.9	119.9	175.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467

CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1372.7	1370.0	1367.3	1357.6	1347.7	1333.0	1320.9	1299.9	1288.4	1271.1	1253.7
5°	1485.6	1468.4	1451.2	1421.6	1391.8	1358.7	1320.6	1278.4	1246.6	1205.2	1163.8
7.5°	1543.4	1503.3	1463.0	1406.1	1349.1	1297.8	1237.6	1181.6	1133.8	1080.0	1026.2
10°	1548.6	1488.5	1428.1	1354.2	1280.2	1217.9	1148.6	1086.4	1029.0	967.2	905.3
12.5°	1524.1	1460.1	1395.9	1314.6	1233.0	1162.3	1087.8	1018.0	954.5	886.5	818.4
15°	1472.2	1421.1	1369.8	1293.5	1217.3	1145.9	1073.6	991.0	919.2	849.6	779.8
17.5°	1402.6	1378.4	1354.1	1299.0	1243.7	1181.9	1111.8	1014.9	930.8	855.1	779.5
20°	1335.3	1344.2	1352.9	1331.0	1309.0	1259.5	1198.3	1089.4	982.1	883.2	784.1
22.5°	1278.1	1320.9	1363.6	1380.6	1397.5	1367.7	1320.0	1194.0	1052.0	922.8	793.7
25°	1236.7	1307.7	1378.7	1435.4	1492.0	1478.7	1442.0	1321.1	1144.6	980.0	815.2
27.5°	1226.3	1313.4	1400.6	1488.5	1576.2	1588.5	1578.3	1455.0	1255.2	1051.0	846.7
30°	1242.6	1330.8	1418.9	1525.9	1632.7	1681.6	1695.3	1566.6	1381.4	1133.8	886.0
32.5°	1272.8	1359.3	1445.8	1562.3	1678.8	1752.6	1796.3	1668.7	1469.5	1196.2	922.8
35°	1321.7	1402.6	1483.5	1604.9	1726.2	1821.8	1901.4	1774.1	1547.7	1239.9	931.9
37.5°	1407.4	1477.0	1546.6	1658.7	1770.6	1894.5	2014.1	1890.2	1632.3	1281.9	931.4
40°	1536.9	1586.1	1635.1	1729.9	1824.5	1980.4	2141.8	2019.7	1725.7	1327.5	929.2
42.5°	1698.2	1723.5	1748.7	1823.7	1898.7	2070.0	2257.8	2146.3	1814.9	1369.8	924.7
45°	1865.5	1872.2	1878.9	1926.2	1973.4	2141.0	2336.7	2241.4	1892.8	1406.6	920.3
47.5°	2038.5	2015.6	1992.6	2011.4	2030.2	2195.5	2393.1	2313.5	1971.0	1447.4	923.6
50°	2226.9	2163.0	2099.2	2089.3	2079.4	2250.0	2459.5	2405.2	2064.9	1506.8	948.6
52.5°	2418.3	2313.0	2207.8	2168.7	2129.6	2314.9	2547.6	2519.4	2199.0	1598.8	998.5
55°	2593.8	2459.8	2325.9	2273.4	2220.8	2414.3	2655.1	2687.1	2370.8	1716.5	1062.0
57.5°	2764.3	2612.6	2460.8	2412.1	2363.3	2560.3	2791.2	2837.6	2544.4	1829.4	1114.2
60°	2927.1	2776.9	2626.6	2587.6	2548.4	2741.9	2938.4	2904.6	2633.9	1882.3	1130.5
62.5°	3052.2	2932.8	2813.4	2792.8	2772.1	2925.5	3051.4	2878.5	2577.0	1830.2	1083.3
65°	3104.9	3036.9	2968.8	2988.1	3007.2	3064.3	3079.6	2802.1	2398.4	1684.3	970.3
67.5°	2953.5	2967.4	2981.2	3062.1	3142.8	3103.5	2995.9	2651.4	2144.1	1477.6	811.2
70°	2497.7	2580.9	2663.8	2855.2	3046.5	2959.2	2771.5	2381.0	1838.0	1239.6	641.0
72.5°	1911.4	2004.9	2098.2	2382.3	2666.2	2585.8	2355.9	1955.7	1473.6	989.9	505.9
75°	1384.0	1489.6	1595.0	1908.4	2221.8	2110.1	1762.2	1400.2	1119.3	755.6	391.7
77.5°	985.9	1056.6	1127.3	1436.9	1746.3	1564.4	1173.0	942.2	774.7	525.2	275.5
80°	790.8	769.1	747.5	920.0	1092.4	1062.2	775.8	605.1	536.2	351.9	167.7
82.5°	645.1	592.2	539.4	620.6	701.8	697.3	538.4	444.0	399.1	244.6	90.1
85°	472.5	451.3	430.1	501.9	573.8	512.4	364.7	282.2	311.2	180.1	49.0
87.5°	230.4	263.2	295.9	380.6	465.2	349.2	110.7	54.8	75.8	49.8	23.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1240.8	1227.8	1213.0	1198.2	1181.3	1164.2	1154.2	1144.0	1133.0	1122.0	1109.6
5°	1136.4	1109.0	1077.9	1046.9	1016.1	985.4	968.8	952.3	934.8	917.1	901.8
7.5°	986.4	946.4	903.4	860.2	822.0	783.6	759.9	736.0	714.4	692.6	674.2
10°	854.3	803.4	760.2	716.9	688.1	659.3	637.5	615.6	594.6	573.4	553.2
12.5°	767.4	716.4	689.0	661.7	637.8	613.9	588.7	563.4	534.6	505.6	484.4
15°	733.5	687.1	656.7	626.1	594.1	562.0	531.1	500.2	466.1	432.0	408.0
17.5°	718.8	658.2	615.6	573.0	530.8	488.6	452.7	416.9	379.6	342.4	318.0
20°	703.4	622.6	565.6	508.5	454.3	400.2	359.6	319.0	285.7	252.4	233.8
22.5°	689.4	584.9	513.4	441.7	377.7	313.7	273.9	233.9	213.5	193.2	185.7
25°	683.6	551.9	464.0	376.1	308.6	240.9	212.6	184.2	176.4	168.5	164.7
27.5°	684.6	522.5	422.5	322.3	261.5	200.6	181.2	161.8	157.0	152.1	149.7
30°	688.3	490.5	383.3	276.1	226.0	175.8	163.2	150.5	145.4	140.3	137.3
32.5°	692.4	461.8	353.0	244.1	203.2	162.1	151.8	141.2	136.3	131.4	128.4
35°	685.2	438.4	332.3	226.3	188.5	150.6	141.9	133.0	127.6	122.1	119.3
37.5°	673.1	414.8	316.3	217.5	179.0	140.3	133.9	127.4	121.8	116.1	113.4
40°	662.1	394.9	304.3	213.5	173.7	133.8	128.4	122.9	117.2	111.3	108.1
42.5°	653.2	381.5	292.5	203.5	169.0	134.2	126.6	118.8	113.2	107.6	104.1
45°	646.5	372.8	283.3	193.8	164.5	135.2	125.5	115.8	110.2	104.5	100.3
47.5°	645.9	368.2	276.8	185.4	156.1	126.6	122.6	118.6	110.5	102.2	97.5
50°	654.7	360.7	269.1	177.4	147.9	118.5	123.9	129.1	115.3	101.3	95.2
52.5°	673.0	347.5	257.0	166.6	138.1	109.4	117.8	126.1	114.2	102.1	94.3
55°	695.1	328.0	238.7	149.2	125.0	100.6	108.1	115.5	108.0	100.3	90.9
57.5°	709.0	303.5	215.6	127.7	110.4	93.0	97.3	101.4	98.4	95.4	85.8
60°	700.7	270.9	189.7	108.3	97.5	86.6	85.8	84.9	89.3	93.8	82.8
62.5°	660.2	237.1	166.7	96.3	88.2	79.9	78.2	76.3	83.6	90.8	79.1
65°	591.9	213.5	152.2	90.9	81.9	72.8	70.9	69.0	71.2	73.4	68.0
67.5°	505.1	199.1	144.0	88.9	77.9	66.7	64.5	62.3	61.8	61.3	59.4
70°	415.6	190.1	138.5	86.9	73.6	60.0	58.0	55.9	55.3	54.5	53.0
72.5°	347.5	189.0	137.9	86.8	70.1	53.3	51.4	49.5	48.7	47.8	46.7
75°	284.6	177.4	130.9	84.4	65.3	46.0	44.3	42.5	41.9	41.1	40.1
77.5°	211.2	146.8	110.0	73.3	55.9	38.5	36.8	34.9	34.7	34.4	33.6
80°	136.9	106.2	78.7	51.1	40.8	30.3	28.8	27.2	27.4	27.5	26.9
82.5°	76.1	61.9	48.1	34.2	27.9	21.5	20.9	20.1	20.5	20.9	20.1
85°	40.1	31.2	25.8	20.4	16.1	11.8	11.8	11.6	12.3	12.9	12.3
87.5°	17.4	11.0	9.4	7.6	4.3	0.8	1.0	1.0	1.3	1.6	1.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1097.0	1085.4	1073.6	1060.7	1063.1	1053.2	1043.4	1037.2	1030.9	1029.0	1027.1
5°	886.5	873.3	859.9	848.0	858.3	851.3	844.3	843.4	842.2	842.2	842.1
7.5°	655.9	641.8	627.4	617.5	627.7	626.5	625.2	632.0	638.9	644.5	649.9
10°	533.0	515.8	498.4	483.8	481.2	473.9	466.4	468.0	469.5	475.5	481.6
12.5°	463.2	442.7	422.2	405.0	397.2	385.1	372.8	365.1	357.5	358.3	358.9
15°	383.8	363.9	343.8	329.0	324.1	314.7	305.3	295.7	286.0	282.0	277.9
17.5°	293.5	277.6	261.5	251.6	251.6	248.9	246.2	241.4	236.5	232.5	228.4
20°	215.1	206.7	198.1	194.0	195.2	195.4	195.4	197.8	200.2	198.9	197.6
22.5°	178.0	175.0	172.0	170.2	170.9	171.0	171.2	173.4	175.5	177.1	178.5
25°	160.7	158.8	156.9	156.2	157.7	157.8	157.8	159.2	160.7	162.3	163.9
27.5°	147.1	146.3	145.5	144.4	145.9	145.9	145.7	147.3	148.7	150.2	151.4
30°	134.2	134.6	134.7	134.4	135.4	136.0	136.5	137.6	138.5	139.7	140.8
32.5°	125.2	124.7	124.2	123.9	126.0	127.1	128.2	129.3	130.3	130.7	131.2
35°	116.4	115.3	114.2	113.4	115.3	116.7	118.2	120.2	122.1	122.5	122.8
37.5°	110.5	109.1	107.6	106.7	107.5	108.1	108.8	111.0	113.2	114.5	115.6
40°	104.9	103.5	102.1	101.3	101.8	101.9	102.1	103.2	104.1	106.5	108.8
42.5°	100.5	98.7	97.0	96.0	96.3	96.7	96.8	96.7	96.5	98.7	101.0
45°	96.0	94.1	92.2	91.1	91.2	91.2	91.2	90.9	90.5	91.6	92.7
47.5°	92.5	90.3	88.1	86.9	86.6	86.3	86.0	85.8	85.5	86.3	86.9
50°	89.0	86.6	84.1	82.8	82.0	81.7	81.4	81.2	80.9	81.7	82.3
52.5°	86.3	83.4	80.6	78.5	77.7	77.2	76.8	76.9	76.9	77.2	77.4
55°	81.5	79.0	76.3	74.8	73.4	73.1	72.8	73.3	73.6	73.6	73.6
57.5°	76.3	73.9	71.3	70.4	69.1	69.1	69.0	69.6	70.1	70.4	70.7
60°	71.7	69.0	66.2	65.4	65.0	64.8	64.7	65.4	66.1	66.7	67.4
62.5°	67.4	64.5	61.6	60.7	60.5	60.7	60.7	61.5	62.1	62.7	63.4
65°	62.6	59.7	56.7	55.7	56.1	56.5	57.0	57.6	58.1	58.8	59.4
67.5°	57.3	54.9	52.4	51.4	51.6	52.2	52.9	53.3	53.7	54.3	54.9
70°	51.6	49.5	47.5	46.8	46.7	47.5	48.1	48.4	48.7	49.5	50.2
72.5°	45.4	43.6	41.9	41.4	41.6	42.0	42.5	43.0	43.3	44.1	44.7
75°	39.0	37.4	35.8	35.5	35.8	36.3	36.8	37.1	37.4	38.4	39.2
77.5°	32.8	31.1	29.1	29.0	29.5	29.9	30.3	30.7	31.2	32.5	33.8
80°	26.3	24.4	22.3	22.1	22.6	23.1	23.6	24.0	24.5	26.1	27.5
82.5°	19.3	17.0	14.8	14.5	16.1	16.6	17.0	17.8	18.5	19.9	21.3
85°	11.6	9.4	7.2	7.0	8.4	9.2	10.0	11.0	11.8	13.1	14.3
87.5°	1.3	0.6	0.0	0.0	0.2	0.8	1.4	2.2	3.0	4.3	5.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1020.1	1013.0	1020.3	1027.4	1030.5	1033.5	1025.7	1017.7	1030.1	1042.4	1045.6
5°	835.7	829.2	834.1	838.9	828.2	817.6	816.4	815.2	824.4	833.6	835.1
7.5°	647.8	645.7	650.4	655.0	641.4	627.7	621.1	614.4	616.6	618.8	618.5
10°	483.0	484.3	490.0	495.6	485.1	474.5	469.9	465.3	470.4	475.3	480.0
12.5°	361.8	364.5	370.6	376.5	372.2	367.7	368.2	368.6	374.5	380.3	385.4
15°	281.1	284.3	288.6	292.7	292.8	292.8	297.0	301.0	300.5	300.0	303.5
17.5°	232.7	236.8	237.3	237.8	237.9	238.1	237.8	237.4	235.0	232.7	235.4
20°	199.2	200.6	201.9	203.0	201.6	200.0	196.0	192.0	190.5	188.9	191.4
22.5°	181.2	183.8	182.5	181.1	178.2	175.2	172.1	169.0	168.8	168.5	169.9
25°	166.1	168.2	165.9	163.7	161.6	159.6	157.5	155.4	155.3	155.1	155.7
27.5°	153.5	155.4	153.4	151.3	149.5	147.8	146.2	144.6	144.3	144.0	144.1
30°	142.7	144.4	142.7	140.8	139.5	138.1	136.9	135.8	135.7	135.5	135.5
32.5°	133.0	134.7	133.4	132.2	131.1	129.9	129.1	128.4	127.6	126.8	125.0
35°	124.5	126.3	125.5	124.5	123.3	122.0	120.5	119.0	116.9	114.7	113.7
37.5°	117.4	119.1	118.3	117.5	115.8	114.0	111.5	108.8	108.1	107.3	107.2
40°	111.6	114.3	112.7	111.0	108.3	105.6	104.3	103.0	102.7	102.4	102.1
42.5°	105.3	109.4	106.5	103.7	101.1	98.6	98.3	97.9	97.8	97.6	97.6
45°	97.3	101.8	98.9	95.9	94.4	93.0	93.0	93.0	93.2	93.2	93.5
47.5°	89.8	92.5	91.1	89.7	88.9	88.1	88.2	88.4	88.9	89.2	90.0
50°	83.4	84.4	84.7	84.9	84.4	83.9	84.2	84.4	84.9	85.2	85.8
52.5°	78.8	80.3	80.3	80.1	80.1	80.1	80.4	80.7	81.2	81.7	82.3
55°	75.8	77.9	77.2	76.6	76.8	76.8	77.1	77.4	77.9	78.2	79.1
57.5°	72.9	75.2	74.5	73.9	73.9	73.9	74.0	74.2	74.7	75.0	75.6
60°	69.6	71.8	71.2	70.4	70.5	70.7	70.9	70.9	71.2	71.3	71.3
62.5°	65.6	67.8	67.2	66.4	66.9	67.2	67.2	67.2	67.5	67.7	67.2
65°	61.5	63.5	62.9	62.3	62.9	63.4	63.7	63.9	63.7	63.5	63.1
67.5°	57.0	59.1	58.4	57.6	58.4	59.1	59.7	60.2	59.7	59.2	58.6
70°	52.2	54.3	53.5	52.7	53.5	54.3	54.9	55.6	54.9	54.3	54.1
72.5°	47.1	49.5	48.6	47.6	48.6	49.5	49.8	50.2	49.7	49.2	48.9
75°	41.6	44.0	43.2	42.2	43.0	43.8	44.0	44.1	44.1	44.0	43.0
77.5°	35.7	37.6	37.1	36.6	37.1	37.6	37.6	37.6	37.7	37.7	36.5
80°	28.7	29.8	29.9	30.1	30.3	30.4	30.3	30.1	29.8	29.5	28.7
82.5°	21.3	21.3	22.6	23.7	23.7	23.6	23.4	23.1	22.5	21.7	19.9
85°	13.5	12.7	14.8	16.7	16.7	16.6	16.2	15.8	14.5	13.1	11.6
87.5°	4.6	3.8	5.9	8.0	8.1	8.1	7.8	7.5	6.2	4.8	3.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467

CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1050.4	1052.4	1054.4	1070.0	1085.4	1103.6	1121.7	1135.6	1149.3	1163.4	1177.6
5°	840.0	842.6	845.1	864.1	882.8	908.2	933.5	955.3	977.1	1002.8	1028.4
7.5°	622.6	628.2	633.6	653.9	673.9	701.2	728.2	756.7	785.1	818.5	852.0
10°	489.0	499.5	509.9	530.6	551.3	578.2	605.0	634.7	664.5	697.5	730.3
12.5°	395.9	409.9	423.7	448.6	473.4	505.6	537.6	570.7	603.7	632.7	661.7
15°	312.8	328.0	343.2	369.4	395.7	431.1	466.3	502.4	538.4	573.1	607.8
17.5°	244.0	256.5	269.0	291.3	313.4	347.6	381.9	419.8	457.7	500.0	542.2
20°	196.8	202.1	207.3	223.4	239.3	267.2	294.9	333.6	372.3	423.0	473.6
22.5°	172.5	175.2	177.7	185.5	193.2	211.2	229.0	263.2	297.3	352.6	407.7
25°	157.8	159.9	162.0	167.0	172.1	180.7	189.3	213.4	237.4	291.7	345.9
27.5°	144.6	147.8	150.8	153.2	155.4	161.3	167.0	182.8	198.6	249.2	299.7
30°	135.0	136.2	137.3	140.9	144.4	150.5	156.5	167.5	178.5	221.3	264.0
32.5°	123.9	125.5	127.1	130.9	134.7	140.3	145.9	154.8	163.5	200.2	236.6
35°	113.9	115.5	117.0	120.9	124.5	130.6	136.5	144.0	151.3	183.1	215.0
37.5°	107.6	109.2	110.8	114.2	117.4	123.4	129.3	135.2	140.9	170.4	199.9
40°	102.4	104.0	105.6	108.8	111.8	117.7	123.4	128.4	133.3	160.8	188.4
42.5°	97.8	99.5	101.3	104.5	107.5	112.7	118.0	124.5	130.9	152.6	174.1
45°	94.0	95.7	97.3	100.8	104.3	109.4	114.5	123.6	132.7	148.3	163.9
47.5°	90.5	92.4	94.1	97.9	101.8	108.1	114.3	122.0	129.5	144.9	160.4
50°	87.1	89.3	91.6	96.2	100.6	111.3	121.8	122.9	123.9	142.2	160.4
52.5°	83.9	86.5	89.0	94.8	100.3	112.7	125.2	121.2	117.0	137.1	157.2
55°	80.7	83.0	85.0	92.0	99.0	108.1	117.2	111.9	106.5	127.6	148.6
57.5°	76.4	78.8	81.1	88.5	96.0	102.4	108.6	103.8	98.9	116.7	134.4
60°	72.0	74.7	77.4	86.9	96.3	95.2	94.0	93.0	91.9	104.6	117.4
62.5°	68.0	70.9	73.7	86.2	98.6	90.9	83.3	84.1	84.7	94.1	103.5
65°	64.0	66.9	69.6	75.8	82.0	79.0	76.0	77.2	78.3	87.6	96.8
67.5°	59.6	62.1	64.5	66.6	68.6	69.0	69.3	70.5	71.8	82.8	93.6
70°	54.6	56.7	58.8	60.2	61.5	62.1	62.6	64.2	65.8	77.7	89.7
72.5°	49.0	50.8	52.4	53.7	54.9	55.4	55.7	57.3	58.9	71.7	84.4
75°	43.0	44.4	45.7	46.8	47.9	48.6	49.2	50.3	51.4	65.3	79.0
77.5°	36.3	37.7	39.0	40.0	40.8	41.4	41.9	43.3	44.7	56.4	67.8
80°	28.3	30.1	31.7	32.5	33.1	33.3	33.3	34.6	35.8	44.1	52.2
82.5°	20.1	22.0	23.7	24.4	25.0	25.0	25.0	26.4	27.9	33.4	38.9
85°	11.8	13.9	15.8	16.4	17.0	17.4	17.5	18.2	18.6	22.6	26.4
87.5°	3.7	5.4	7.0	7.3	7.6	8.3	8.9	9.1	9.1	11.8	14.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467

CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1193.9	1210.1	1229.0	1247.8	1263.9	1280.0	1293.4
5°	1061.0	1093.7	1133.7	1173.5	1209.0	1244.5	1285.7
7.5°	894.2	936.4	988.1	1039.9	1090.0	1140.0	1203.4
10°	773.3	816.1	870.9	925.5	981.9	1038.1	1109.8
12.5°	696.5	731.2	784.3	837.3	903.6	969.6	1038.6
15°	645.9	683.8	735.4	787.0	859.4	931.9	1011.2
17.5°	591.9	641.4	707.5	773.6	859.4	945.1	1038.6
20°	535.4	597.0	682.7	768.4	884.0	999.4	1118.7
22.5°	479.0	550.3	660.2	769.9	921.1	1072.0	1233.0
25°	428.2	510.5	646.5	782.4	975.1	1167.6	1367.3
27.5°	389.7	479.5	641.0	802.3	1043.5	1284.8	1513.3
30°	355.4	446.8	634.3	821.7	1109.5	1397.0	1627.5
32.5°	325.8	415.0	621.4	827.6	1155.5	1483.4	1724.1
35°	302.6	390.1	599.7	809.3	1184.3	1559.3	1824.8
37.5°	282.5	365.1	575.0	784.9	1209.9	1635.0	1938.0
40°	263.4	338.4	553.9	769.1	1245.3	1721.4	2057.6
42.5°	245.2	316.4	536.8	757.2	1278.1	1798.8	2162.2
45°	231.7	299.5	521.7	743.7	1299.3	1854.9	2241.0
47.5°	225.0	289.5	513.6	737.5	1320.5	1903.3	2306.5
50°	224.1	287.8	522.8	757.8	1366.3	1974.6	2381.3
52.5°	223.9	290.6	549.4	808.2	1451.5	2094.7	2462.4
55°	220.6	292.4	581.1	869.6	1565.8	2261.9	2608.1
57.5°	210.4	286.3	613.7	941.0	1686.7	2432.3	2772.3
60°	194.6	271.7	640.6	1009.4	1767.9	2526.2	2835.5
62.5°	174.8	246.0	649.6	1052.9	1765.7	2478.5	2771.8
65°	158.0	219.1	620.3	1021.2	1676.4	2331.3	2645.8
67.5°	143.0	192.2	547.0	901.6	1515.7	2129.6	2485.6
70°	132.2	174.5	452.6	730.6	1314.6	1898.3	2300.1
72.5°	125.3	166.1	369.0	571.7	1066.8	1561.7	1967.5
75°	115.9	152.9	289.5	426.0	816.4	1206.9	1486.1
77.5°	98.4	128.8	218.2	307.5	599.1	890.5	1033.5
80°	76.0	99.5	150.0	200.5	412.3	624.1	704.7
82.5°	54.1	69.4	90.9	112.4	273.9	435.2	441.9
85°	33.4	40.4	52.1	63.7	181.2	298.7	248.9
87.5°	18.0	21.5	27.5	33.4	58.0	82.5	47.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P385467
 CATALOG NUMBER: GAW-SA1A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)