

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: P385439

Luminaire Tested: GAW-SA1A-727-U-SLL

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385439
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-727-U-SLL
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 2700K, 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: 3658 lumens
Efficiency: N/A
Efficacy: 107.6 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

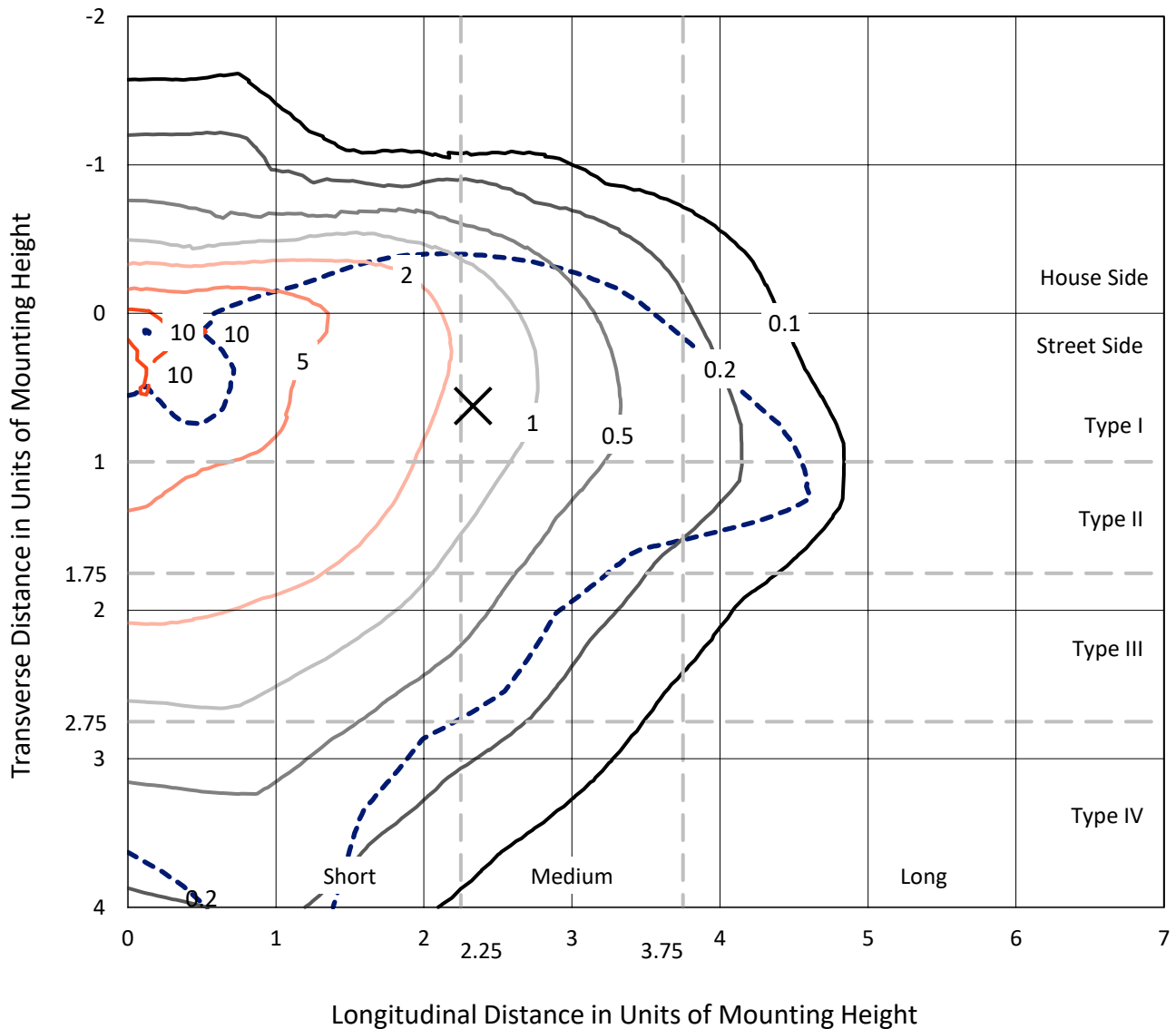
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

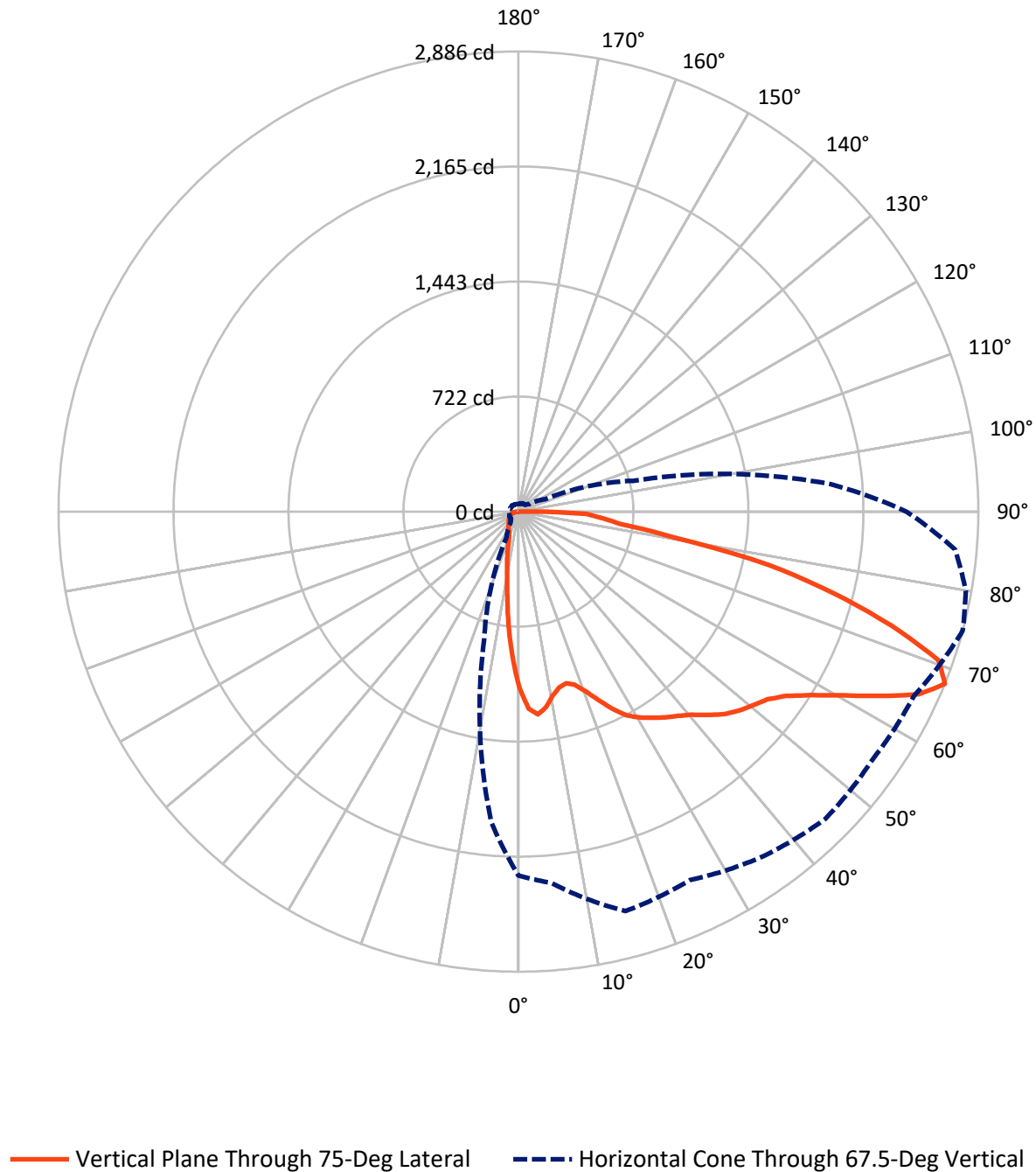
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	644.3	0.0	644.3
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	3013.7	0.0	3013.7
	% Fixture	82.4	0.0	82.4
Total	Lumens	3658.0	0.0	3658.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.0	2.4
10°-20°	178.7	4.9
20°-30°	254.1	6.9
30°-40°	366.2	10.0
40°-50°	516.1	14.1
50°-60°	717.4	19.6
60°-70°	867.5	23.7
70°-80°	533.3	14.6
80°-90°	138.8	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°	3658.0	100.0
0°-180°	3658.0	100.0

Coefficient of Utilization



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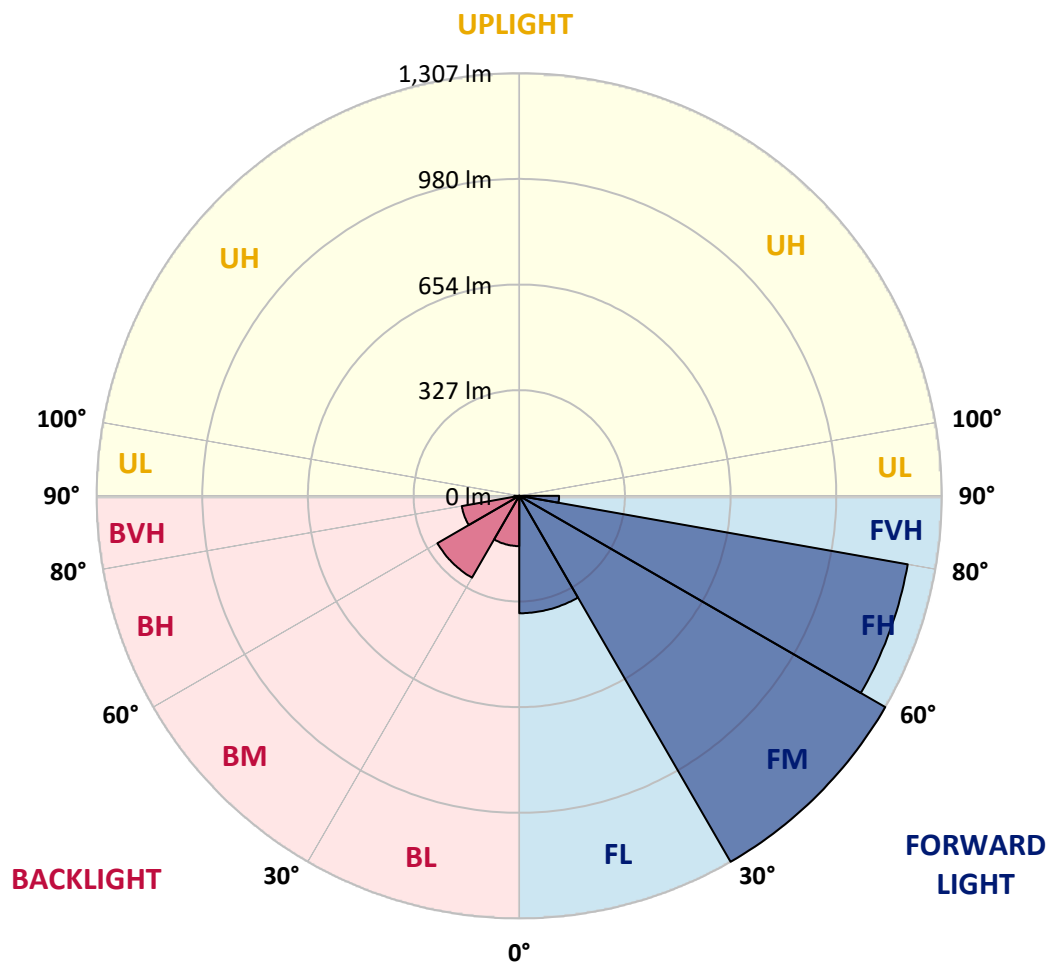
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	363.2	9.9			
FM	(30°-60°)	1307.2	35.7			
FH	(60°-80°)	1220.2	33.4			G1/1800
FVH	(80°-90°)	123.2	3.4			G2/225
BL	(0°-30°)	155.6	4.3	B1/500		
BM	(30°-60°)	292.4	8.0	B1/1000		
BH	(60°-80°)	180.6	4.9	B1/500		G1/500
BVH	(80°-90°)	15.6	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	1187.8	1203.5	1214.3	1225.0	1233.3	1241.5	1253.5	1265.5	1267.8	1270.0	1265.4
5°	1180.8	1219.0	1251.5	1283.8	1313.8	1343.7	1361.7	1379.7	1383.4	1387.0	1375.8
7.5°	1105.2	1161.5	1217.8	1274.1	1325.8	1377.4	1408.8	1440.1	1447.3	1454.3	1435.9
10°	1019.2	1084.7	1153.9	1223.1	1291.1	1359.1	1404.6	1450.1	1459.1	1468.2	1445.2
12.5°	953.8	1025.4	1099.2	1173.1	1244.9	1316.5	1363.6	1410.7	1422.0	1433.3	1416.6
15°	928.7	1007.1	1076.5	1146.0	1208.6	1271.1	1309.7	1348.1	1352.8	1357.3	1354.7
17.5°	953.8	1040.3	1103.2	1165.9	1200.0	1233.9	1249.4	1264.8	1269.9	1274.9	1281.6
20°	1027.4	1120.7	1165.0	1209.2	1207.7	1206.1	1198.7	1191.1	1189.7	1188.4	1207.4
22.5°	1132.4	1240.8	1258.5	1276.0	1234.9	1193.8	1168.8	1143.7	1138.7	1133.6	1153.8
25°	1255.7	1371.1	1367.9	1364.5	1286.3	1207.9	1160.2	1112.5	1107.0	1101.4	1118.7
27.5°	1389.8	1500.1	1479.0	1458.0	1351.6	1245.3	1176.1	1107.0	1101.4	1095.9	1111.1
30°	1494.7	1594.7	1560.9	1527.1	1406.8	1286.4	1204.2	1122.0	1113.0	1103.8	1122.5
32.5°	1583.5	1668.6	1623.2	1577.9	1451.5	1325.2	1236.3	1147.3	1133.1	1119.0	1144.0
35°	1675.9	1742.3	1678.5	1614.6	1491.5	1368.2	1274.1	1179.9	1162.5	1145.1	1179.5
37.5°	1779.9	1835.0	1743.4	1651.8	1536.4	1421.0	1330.9	1240.6	1222.8	1205.0	1248.8
40°	1889.7	1935.6	1813.5	1691.4	1585.5	1479.6	1409.4	1339.1	1322.1	1305.0	1358.2
42.5°	1985.8	2019.3	1878.7	1738.2	1644.7	1551.1	1501.7	1452.1	1452.0	1451.7	1505.6
45°	2058.2	2087.3	1933.1	1778.8	1702.5	1626.0	1600.3	1574.5	1595.2	1615.8	1664.6
47.5°	2118.3	2138.0	1978.8	1819.4	1768.6	1717.9	1721.7	1725.5	1767.4	1809.4	1840.9
50°	2187.0	2171.1	2020.2	1869.1	1853.4	1837.8	1872.0	1906.1	1954.3	2002.5	2023.8
52.5°	2261.5	2219.2	2076.3	1933.3	1950.8	1968.4	2038.0	2107.6	2156.3	2205.0	2213.1
55°	2395.3	2330.5	2179.6	2028.5	2062.3	2095.9	2198.1	2300.2	2338.2	2376.3	2379.2
57.5°	2546.1	2488.6	2324.2	2159.8	2196.1	2232.4	2350.4	2468.3	2509.4	2550.3	2544.6
60°	2604.1	2606.9	2461.5	2316.0	2352.6	2389.1	2504.1	2619.0	2666.3	2713.4	2700.8
62.5°	2545.6	2614.2	2536.6	2458.8	2492.0	2525.0	2637.6	2750.2	2798.6	2847.1	2825.1
65°	2429.9	2498.0	2532.8	2567.6	2578.5	2589.5	2694.7	2799.7	2836.8	2873.8	2862.7
67.5°	2282.8	2337.8	2466.2	2594.5	2572.4	2550.3	2599.6	2648.9	2687.1	2725.2	2718.9
70°	2112.4	2178.0	2349.2	2520.5	2412.0	2303.3	2283.0	2262.6	2303.9	2345.0	2319.5
72.5°	1806.9	1905.8	2088.5	2271.0	2071.0	1871.1	1801.7	1732.2	1784.4	1836.6	1796.1
75°	1364.8	1496.0	1697.8	1899.5	1661.0	1422.4	1329.7	1237.0	1281.9	1326.8	1299.0
77.5°	949.2	1113.7	1312.4	1511.2	1268.7	1026.1	957.2	888.2	901.6	914.9	910.3
80°	647.2	755.4	894.0	1032.5	871.1	709.6	715.0	720.3	714.0	707.6	716.9
82.5°	405.8	482.0	589.1	696.0	610.3	524.6	573.7	622.9	598.7	574.5	583.5
85°	228.6	275.1	379.8	484.4	451.5	418.4	447.2	475.9	438.5	401.0	417.5
87.5°	43.6	72.5	210.2	347.6	315.6	283.6	246.4	209.3	159.7	110.1	160.9
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



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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

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	1260.7	1258.2	1255.7	1246.8	1237.7	1224.3	1213.1	1193.8	1183.3	1167.4	1151.4
5°	1364.4	1348.6	1332.8	1305.6	1278.2	1247.8	1212.9	1174.1	1144.8	1106.8	1068.8
7.5°	1417.5	1380.6	1343.6	1291.4	1239.0	1191.9	1136.7	1085.2	1041.3	991.9	942.4
10°	1422.3	1367.0	1311.6	1243.7	1175.7	1118.5	1054.9	997.7	945.1	888.3	831.4
12.5°	1399.8	1341.0	1282.0	1207.3	1132.4	1067.5	999.0	935.0	876.6	814.2	751.6
15°	1352.1	1305.1	1258.0	1188.0	1117.9	1052.4	986.0	910.1	844.2	780.2	716.2
17.5°	1288.2	1265.9	1243.6	1193.0	1142.2	1085.5	1021.1	932.1	854.8	785.4	715.9
20°	1226.3	1234.5	1242.5	1222.4	1202.2	1156.7	1100.5	1000.5	901.9	811.1	720.1
22.5°	1173.8	1213.1	1252.3	1268.0	1283.5	1256.1	1212.3	1096.6	966.1	847.5	728.9
25°	1135.8	1201.0	1266.2	1318.3	1370.2	1358.1	1324.3	1213.3	1051.2	900.0	748.7
27.5°	1126.3	1206.3	1286.3	1367.0	1447.6	1458.8	1449.5	1336.3	1152.7	965.3	777.6
30°	1141.2	1222.2	1303.1	1401.4	1499.5	1544.4	1557.0	1438.8	1268.7	1041.3	813.7
32.5°	1169.0	1248.4	1327.8	1434.9	1541.8	1609.6	1649.7	1532.6	1349.6	1098.6	847.5
35°	1213.9	1288.2	1362.5	1473.9	1585.4	1673.1	1746.2	1629.4	1421.4	1138.7	855.9
37.5°	1292.6	1356.5	1420.4	1523.3	1626.2	1739.9	1849.8	1736.0	1499.1	1177.3	855.4
40°	1411.5	1456.7	1501.7	1588.7	1675.6	1818.8	1967.1	1854.9	1584.9	1219.1	853.4
42.5°	1559.6	1582.9	1606.0	1674.9	1743.7	1901.1	2073.5	1971.2	1666.8	1258.0	849.3
45°	1713.3	1719.5	1725.6	1769.0	1812.3	1966.3	2146.1	2058.5	1738.3	1291.8	845.2
47.5°	1872.1	1851.1	1830.0	1847.3	1864.5	2016.4	2197.8	2124.7	1810.1	1329.3	848.3
50°	2045.2	1986.5	1927.9	1918.8	1909.7	2066.4	2258.8	2209.0	1896.4	1383.8	871.2
52.5°	2221.0	2124.3	2027.6	1991.8	1955.8	2126.0	2339.7	2313.8	2019.6	1468.4	917.0
55°	2382.1	2259.1	2136.1	2087.9	2039.6	2217.3	2438.4	2467.8	2177.4	1576.4	975.3
57.5°	2538.8	2399.4	2260.0	2215.3	2170.5	2351.4	2563.5	2606.0	2336.8	1680.1	1023.3
60°	2688.2	2550.3	2412.3	2376.4	2340.4	2518.1	2698.6	2667.6	2419.0	1728.7	1038.2
62.5°	2803.2	2693.5	2583.8	2564.9	2545.9	2686.8	2802.4	2643.6	2366.8	1680.9	994.9
65°	2851.6	2789.1	2726.5	2744.2	2761.8	2814.3	2828.3	2573.4	2202.7	1546.9	891.1
67.5°	2712.5	2725.2	2738.0	2812.2	2886.4	2850.3	2751.4	2435.1	1969.1	1357.1	745.0
70°	2293.9	2370.3	2446.5	2622.3	2797.9	2717.8	2545.3	2186.7	1688.0	1138.4	588.7
72.5°	1755.4	1841.3	1927.0	2187.9	2448.7	2374.8	2163.6	1796.1	1353.4	909.1	464.6
75°	1271.1	1368.0	1464.8	1752.7	2040.5	1938.0	1618.4	1286.0	1028.0	694.0	359.8
77.5°	905.4	970.4	1035.3	1319.6	1603.8	1436.8	1077.3	865.4	711.5	482.3	253.0
80°	726.3	706.4	686.5	844.9	1003.3	975.5	712.5	555.8	492.4	323.2	154.0
82.5°	592.5	543.9	495.3	569.9	644.5	640.4	494.5	407.7	366.5	224.6	82.8
85°	433.9	414.5	395.0	461.0	526.9	470.6	334.9	259.2	285.8	165.4	45.0
87.5°	211.6	241.8	271.7	349.5	427.2	320.7	101.6	50.3	69.6	45.8	21.8
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: P385439
 CATALOG NUMBER: GAW-SA1A-727-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: P385439

CATALOG NUMBER: GAW-SA1A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	1139.6	1127.6	1114.0	1100.4	1084.9	1069.2	1060.0	1050.7	1040.6	1030.5	1019.1
5°	1043.6	1018.5	990.0	961.4	933.2	905.0	889.8	874.6	858.5	842.3	828.2
7.5°	905.9	869.2	829.7	790.0	754.9	719.7	697.9	676.0	656.1	636.0	619.2
10°	784.6	737.8	698.2	658.4	631.9	605.5	585.4	565.4	546.1	526.6	508.1
12.5°	704.8	658.0	632.8	607.7	585.7	563.8	540.7	517.4	491.0	464.3	444.9
15°	673.6	631.1	603.1	575.1	545.7	516.1	487.7	459.4	428.1	396.8	374.7
17.5°	660.2	604.5	565.4	526.2	487.5	448.7	415.8	382.9	348.7	314.4	292.1
20°	646.0	571.8	519.5	467.0	417.3	367.5	330.2	292.9	262.4	231.8	214.7
22.5°	633.1	537.2	471.5	405.7	346.9	288.1	251.6	214.8	196.1	177.4	170.5
25°	627.9	506.9	426.2	345.4	283.4	221.3	195.2	169.2	162.0	154.7	151.2
27.5°	628.7	479.8	388.0	296.0	240.1	184.3	166.4	148.6	144.2	139.7	137.5
30°	632.1	450.5	352.0	253.6	207.5	161.5	149.9	138.2	133.5	128.8	126.1
32.5°	635.9	424.1	324.2	224.2	186.6	148.9	139.4	129.7	125.2	120.7	117.9
35°	629.3	402.6	305.2	207.8	173.2	138.4	130.3	122.1	117.1	112.2	109.5
37.5°	618.2	381.0	290.5	199.8	164.4	128.8	123.0	117.0	111.9	106.6	104.1
40°	608.1	362.7	279.5	196.1	159.6	122.9	117.9	112.9	107.6	102.2	99.3
42.5°	599.9	350.4	268.7	186.9	155.2	123.3	116.3	109.1	104.0	98.9	95.6
45°	593.8	342.4	260.2	178.0	151.1	124.2	115.2	106.3	101.2	95.9	92.1
47.5°	593.2	338.1	254.2	170.2	143.3	116.3	112.6	109.0	101.5	93.9	89.5
50°	601.2	331.3	247.2	162.9	135.9	108.8	113.8	118.6	105.9	93.0	87.5
52.5°	618.1	319.1	236.0	153.0	126.8	100.5	108.2	115.8	104.9	93.7	86.6
55°	638.4	301.3	219.2	137.0	114.8	92.4	99.3	106.0	99.2	92.1	83.5
57.5°	651.1	278.8	198.0	117.3	101.4	85.4	89.4	93.2	90.4	87.6	78.8
60°	643.5	248.8	174.2	99.5	89.5	79.6	78.8	78.0	82.0	86.1	76.1
62.5°	606.4	217.8	153.1	88.5	81.0	73.4	71.8	70.1	76.8	83.4	72.7
65°	543.6	196.1	139.8	83.5	75.2	66.8	65.1	63.3	65.4	67.4	62.4
67.5°	463.9	182.8	132.2	81.6	71.5	61.3	59.2	57.2	56.7	56.3	54.6
70°	381.7	174.6	127.2	79.9	67.6	55.1	53.2	51.3	50.7	50.0	48.7
72.5°	319.1	173.6	126.7	79.7	64.4	49.0	47.2	45.5	44.8	43.9	42.9
75°	261.3	162.9	120.2	77.5	60.0	42.3	40.7	39.0	38.5	37.7	36.9
77.5°	193.9	134.8	101.1	67.3	51.3	35.4	33.8	32.0	31.9	31.6	30.9
80°	125.8	97.5	72.2	46.9	37.4	27.8	26.5	25.0	25.2	25.3	24.7
82.5°	69.9	56.9	44.2	31.4	25.6	19.7	19.2	18.4	18.9	19.2	18.4
85°	36.9	28.7	23.7	18.7	14.8	10.8	10.8	10.7	11.3	11.8	11.3
87.5°	15.9	10.1	8.6	7.0	3.9	0.7	0.9	0.9	1.2	1.5	1.3
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: P385439

CATALOG NUMBER: GAW-SA1A-727-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: P385439

CATALOG NUMBER: GAW-SA1A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	1007.5	996.8	986.0	974.2	976.4	967.3	958.2	952.5	946.8	945.1	943.3
5°	814.2	802.0	789.8	778.8	788.3	781.9	775.4	774.5	773.5	773.5	773.4
7.5°	602.4	589.4	576.2	567.2	576.5	575.3	574.2	580.5	586.8	591.9	596.8
10°	489.5	473.7	457.8	444.3	442.0	435.2	428.4	429.8	431.1	436.7	442.3
12.5°	425.4	406.6	387.7	371.9	364.7	353.6	342.4	335.4	328.3	329.1	329.6
15°	352.5	334.2	315.8	302.2	297.6	289.0	280.4	271.6	262.7	259.0	255.2
17.5°	269.5	254.9	240.1	231.1	231.1	228.6	226.1	221.7	217.2	213.5	209.7
20°	197.6	189.8	181.9	178.1	179.3	179.4	179.4	181.6	183.8	182.7	181.5
22.5°	163.5	160.7	158.0	156.3	156.9	157.1	157.2	159.3	161.2	162.6	163.9
25°	147.6	145.8	144.1	143.5	144.8	144.9	144.9	146.3	147.6	149.0	150.5
27.5°	135.1	134.4	133.7	132.6	134.0	134.0	133.8	135.3	136.6	137.9	139.1
30°	123.3	123.6	123.7	123.4	124.3	124.9	125.3	126.4	127.2	128.3	129.3
32.5°	115.0	114.5	114.1	113.8	115.7	116.7	117.7	118.8	119.6	120.1	120.5
35°	106.9	105.9	104.9	104.1	105.9	107.2	108.5	110.4	112.2	112.5	112.8
37.5°	101.5	100.2	98.9	98.0	98.7	99.3	99.9	101.9	104.0	105.2	106.2
40°	96.4	95.1	93.7	93.0	93.5	93.6	93.7	94.8	95.6	97.8	99.9
42.5°	92.3	90.7	89.1	88.2	88.5	88.8	88.9	88.8	88.6	90.7	92.7
45°	88.2	86.4	84.7	83.7	83.8	83.8	83.8	83.5	83.1	84.1	85.1
47.5°	85.0	82.9	80.9	79.9	79.6	79.3	79.0	78.8	78.5	79.3	79.9
50°	81.8	79.6	77.2	76.1	75.3	75.0	74.7	74.6	74.3	75.0	75.6
52.5°	79.3	76.6	74.0	72.1	71.4	70.9	70.5	70.6	70.6	70.9	71.1
55°	74.9	72.5	70.1	68.7	67.4	67.1	66.8	67.3	67.6	67.6	67.6
57.5°	70.1	67.9	65.5	64.6	63.5	63.5	63.3	63.9	64.4	64.6	64.9
60°	65.8	63.3	60.8	60.1	59.7	59.5	59.4	60.1	60.7	61.3	61.9
62.5°	61.9	59.2	56.6	55.7	55.6	55.7	55.7	56.5	57.0	57.6	58.2
65°	57.5	54.8	52.1	51.2	51.5	51.9	52.4	52.9	53.4	54.0	54.6
67.5°	52.7	50.5	48.1	47.2	47.4	48.0	48.6	49.0	49.3	49.9	50.5
70°	47.4	45.5	43.6	43.0	42.9	43.6	44.2	44.5	44.8	45.5	46.1
72.5°	41.7	40.1	38.5	38.0	38.2	38.6	39.0	39.5	39.8	40.5	41.1
75°	35.8	34.4	32.9	32.6	32.9	33.3	33.8	34.1	34.4	35.2	36.0
77.5°	30.1	28.5	26.8	26.6	27.1	27.5	27.8	28.2	28.7	29.8	31.0
80°	24.1	22.4	20.5	20.3	20.8	21.2	21.6	22.1	22.5	24.0	25.3
82.5°	17.7	15.6	13.6	13.3	14.8	15.2	15.6	16.4	17.0	18.3	19.6
85°	10.7	8.6	6.6	6.4	7.8	8.5	9.2	10.1	10.8	12.0	13.2
87.5°	1.2	0.6	0.0	0.0	0.1	0.7	1.3	2.0	2.8	3.9	5.0
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: P385439
 CATALOG NUMBER: GAW-SA1A-727-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: P385439

CATALOG NUMBER: GAW-SA1A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	936.9	930.3	937.0	943.6	946.4	949.2	942.0	934.7	946.1	957.4	960.3
5°	767.5	761.5	766.1	770.4	760.6	750.8	749.8	748.7	757.1	765.6	766.9
7.5°	594.9	593.0	597.3	601.5	589.1	576.5	570.4	564.2	566.3	568.3	568.0
10°	443.6	444.7	450.0	455.1	445.5	435.8	431.6	427.3	432.0	436.6	440.8
12.5°	332.3	334.8	340.3	345.7	341.8	337.7	338.1	338.6	344.0	349.2	353.9
15°	258.1	261.1	265.0	268.8	269.0	269.0	272.8	276.4	276.0	275.5	278.8
17.5°	213.7	217.5	217.9	218.4	218.5	218.6	218.4	218.1	215.9	213.7	216.2
20°	183.0	184.3	185.4	186.5	185.2	183.7	180.0	176.4	174.9	173.5	175.8
22.5°	166.4	168.8	167.6	166.3	163.7	160.9	158.1	155.2	155.0	154.7	156.0
25°	152.5	154.4	152.4	150.3	148.4	146.5	144.6	142.7	142.6	142.4	143.0
27.5°	141.0	142.7	140.8	138.9	137.3	135.7	134.3	132.8	132.5	132.2	132.4
30°	131.0	132.6	131.0	129.3	128.1	126.8	125.8	124.8	124.6	124.5	124.5
32.5°	122.1	123.7	122.6	121.4	120.4	119.3	118.6	117.9	117.1	116.4	114.8
35°	114.4	116.0	115.2	114.4	113.2	112.0	110.7	109.2	107.3	105.3	104.4
37.5°	107.8	109.4	108.7	107.9	106.3	104.7	102.4	99.9	99.3	98.6	98.4
40°	102.5	105.0	103.5	101.9	99.5	97.0	95.8	94.6	94.3	94.0	93.7
42.5°	96.7	100.5	97.8	95.2	92.9	90.5	90.2	89.9	89.8	89.7	89.7
45°	89.4	93.5	90.8	88.0	86.7	85.4	85.4	85.4	85.6	85.6	85.8
47.5°	82.5	85.0	83.7	82.3	81.6	80.9	81.0	81.2	81.6	81.9	82.6
50°	76.6	77.5	77.8	78.0	77.5	77.1	77.4	77.5	78.0	78.2	78.8
52.5°	72.4	73.7	73.7	73.6	73.6	73.6	73.9	74.1	74.6	75.0	75.6
55°	69.6	71.5	70.9	70.3	70.5	70.5	70.8	71.1	71.5	71.8	72.7
57.5°	67.0	69.0	68.4	67.9	67.9	67.9	68.0	68.2	68.6	68.9	69.5
60°	63.9	66.0	65.4	64.6	64.8	64.9	65.1	65.1	65.4	65.5	65.5
62.5°	60.3	62.3	61.7	61.0	61.4	61.7	61.7	61.7	62.0	62.2	61.7
65°	56.5	58.4	57.8	57.2	57.8	58.2	58.5	58.6	58.5	58.4	57.9
67.5°	52.4	54.3	53.7	52.9	53.7	54.3	54.8	55.3	54.8	54.4	53.8
70°	48.0	49.9	49.1	48.4	49.1	49.9	50.5	51.0	50.5	49.9	49.7
72.5°	43.3	45.5	44.6	43.7	44.6	45.5	45.8	46.1	45.6	45.2	44.9
75°	38.2	40.4	39.6	38.8	39.5	40.2	40.4	40.5	40.5	40.4	39.5
77.5°	32.8	34.5	34.1	33.6	34.1	34.5	34.5	34.5	34.7	34.7	33.5
80°	26.3	27.3	27.5	27.6	27.8	27.9	27.8	27.6	27.3	27.1	26.3
82.5°	19.6	19.6	20.8	21.8	21.8	21.6	21.5	21.2	20.6	19.9	18.3
85°	12.4	11.7	13.6	15.4	15.4	15.2	14.9	14.5	13.3	12.0	10.7
87.5°	4.2	3.5	5.4	7.3	7.5	7.5	7.2	6.9	5.7	4.4	3.4
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: P385439
 CATALOG NUMBER: GAW-SA1A-727-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: P385439

CATALOG NUMBER: GAW-SA1A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	964.7	966.6	968.3	982.7	996.8	1013.5	1030.2	1042.9	1055.5	1068.5	1081.5
5°	771.5	773.8	776.2	793.6	810.8	834.1	857.3	877.4	897.4	920.9	944.5
7.5°	571.8	577.0	581.9	600.5	618.9	643.9	668.8	695.0	721.0	751.7	782.4
10°	449.1	458.8	468.3	487.3	506.3	531.0	555.6	583.0	610.3	640.6	670.7
12.5°	363.6	376.4	389.2	412.0	434.8	464.3	493.7	524.2	554.4	581.1	607.7
15°	287.2	301.3	315.2	339.3	363.4	395.9	428.2	461.4	494.5	526.4	558.2
17.5°	224.1	235.6	247.0	267.5	287.8	319.3	350.7	385.5	420.3	459.2	498.0
20°	180.8	185.6	190.4	205.2	219.8	245.4	270.9	306.4	341.9	388.4	434.9
22.5°	158.4	160.9	163.2	170.4	177.4	193.9	210.3	241.8	273.0	323.8	374.4
25°	144.9	146.8	148.7	153.4	158.1	166.0	173.9	196.0	218.1	267.9	317.7
27.5°	132.8	135.7	138.5	140.7	142.7	148.2	153.4	167.9	182.4	228.9	275.2
30°	124.0	125.0	126.1	129.4	132.6	138.2	143.8	153.9	163.9	203.3	242.5
32.5°	113.8	115.2	116.7	120.2	123.7	128.8	134.0	142.2	150.2	183.8	217.3
35°	104.6	106.0	107.5	111.0	114.4	119.9	125.3	132.2	138.9	168.2	197.4
37.5°	98.9	100.3	101.8	104.9	107.8	113.3	118.8	124.2	129.4	156.5	183.5
40°	94.0	95.5	97.0	99.9	102.7	108.1	113.3	117.9	122.4	147.7	173.0
42.5°	89.8	91.4	93.0	95.9	98.7	103.5	108.4	114.4	120.2	140.1	159.9
45°	86.3	87.9	89.4	92.6	95.8	100.5	105.2	113.5	121.8	136.2	150.5
47.5°	83.1	84.8	86.4	89.9	93.5	99.3	105.0	112.0	118.9	133.1	147.3
50°	80.0	82.0	84.1	88.3	92.4	102.2	111.9	112.9	113.8	130.6	147.3
52.5°	77.1	79.4	81.8	87.0	92.1	103.5	115.0	111.3	107.5	125.9	144.3
55°	74.1	76.2	78.1	84.5	91.0	99.3	107.6	102.8	97.8	117.1	136.5
57.5°	70.2	72.4	74.4	81.3	88.2	94.0	99.7	95.4	90.8	107.2	123.4
60°	66.1	68.6	71.1	79.9	88.5	87.5	86.3	85.4	84.4	96.1	107.8
62.5°	62.4	65.1	67.7	79.1	90.5	83.5	76.5	77.2	77.8	86.4	95.1
65°	58.8	61.4	63.9	69.6	75.3	72.5	69.8	70.9	72.0	80.4	88.9
67.5°	54.7	57.0	59.2	61.1	63.0	63.3	63.6	64.8	66.0	76.1	86.0
70°	50.2	52.1	54.0	55.3	56.5	57.0	57.5	58.9	60.4	71.4	82.3
72.5°	45.0	46.7	48.1	49.3	50.5	50.9	51.2	52.7	54.1	65.8	77.5
75°	39.5	40.8	42.0	43.0	44.0	44.6	45.2	46.2	47.2	60.0	72.5
77.5°	33.3	34.7	35.8	36.7	37.4	38.0	38.5	39.8	41.1	51.8	62.3
80°	26.0	27.6	29.1	29.8	30.4	30.6	30.6	31.7	32.9	40.5	48.0
82.5°	18.4	20.2	21.8	22.4	23.0	23.0	23.0	24.3	25.6	30.7	35.7
85°	10.8	12.7	14.5	15.1	15.6	15.9	16.1	16.7	17.1	20.8	24.3
87.5°	3.4	5.0	6.4	6.7	7.0	7.6	8.2	8.3	8.3	10.8	13.3
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: P385439
 CATALOG NUMBER: GAW-SA1A-727-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

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4	1114.4
2.5°	1096.4	1111.4	1128.8	1146.0	1160.8	1175.6	1187.8
5°	974.5	1004.4	1041.2	1077.7	1110.3	1142.9	1180.8
7.5°	821.2	860.0	907.5	955.0	1001.1	1047.0	1105.2
10°	710.2	749.5	799.8	850.0	901.8	953.4	1019.2
12.5°	639.7	671.6	720.3	769.0	829.8	890.5	953.8
15°	593.2	628.0	675.4	722.8	789.3	855.9	928.7
17.5°	543.6	589.1	649.8	710.5	789.3	868.0	953.8
20°	491.7	548.3	627.0	705.7	811.8	917.9	1027.4
22.5°	439.9	505.4	606.4	707.1	845.9	984.6	1132.4
25°	393.3	468.9	593.8	718.5	895.5	1072.3	1255.7
27.5°	357.9	440.4	588.7	736.8	958.4	1179.9	1389.8
30°	326.4	410.4	582.5	754.7	1018.9	1283.1	1494.7
32.5°	299.2	381.1	570.7	760.1	1061.2	1362.3	1583.5
35°	277.9	358.3	550.8	743.2	1087.7	1432.1	1675.9
37.5°	259.4	335.4	528.1	720.9	1111.2	1501.6	1779.9
40°	241.9	310.8	508.7	706.4	1143.7	1581.0	1889.7
42.5°	225.2	290.6	493.0	695.4	1173.8	1652.0	1985.8
45°	212.8	275.1	479.1	683.0	1193.3	1703.5	2058.2
47.5°	206.7	265.9	471.7	677.3	1212.7	1748.0	2118.3
50°	205.8	264.3	480.1	696.0	1254.8	1813.5	2187.0
52.5°	205.6	266.9	504.6	742.2	1333.1	1923.8	2261.5
55°	202.6	268.5	533.7	798.7	1438.1	2077.3	2395.3
57.5°	193.2	263.0	563.6	864.2	1549.1	2233.8	2546.1
60°	178.7	249.5	588.4	927.1	1623.7	2320.1	2604.1
62.5°	160.6	226.0	596.6	967.0	1621.6	2276.2	2545.6
65°	145.1	201.2	569.6	937.9	1539.6	2141.1	2429.9
67.5°	131.3	176.5	502.4	828.1	1392.0	1955.8	2282.8
70°	121.4	160.3	415.6	671.0	1207.3	1743.4	2112.4
72.5°	115.1	152.5	338.9	525.0	979.7	1434.3	1806.9
75°	106.5	140.4	265.9	391.2	749.8	1108.4	1364.8
77.5°	90.4	118.3	200.4	282.4	550.2	817.8	949.2
80°	69.8	91.4	137.8	184.1	378.6	573.2	647.2
82.5°	49.7	63.8	83.5	103.3	251.6	399.7	405.8
85°	30.7	37.1	47.8	58.5	166.4	274.4	228.6
87.5°	16.5	19.7	25.3	30.7	53.2	75.8	43.6
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



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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)