

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: P386113

Luminaire Tested: GAW-SA1D-727-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P386113
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-SA1D-727-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 2700K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6090 lumens
Efficiency: N/A
Efficacy: 90.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

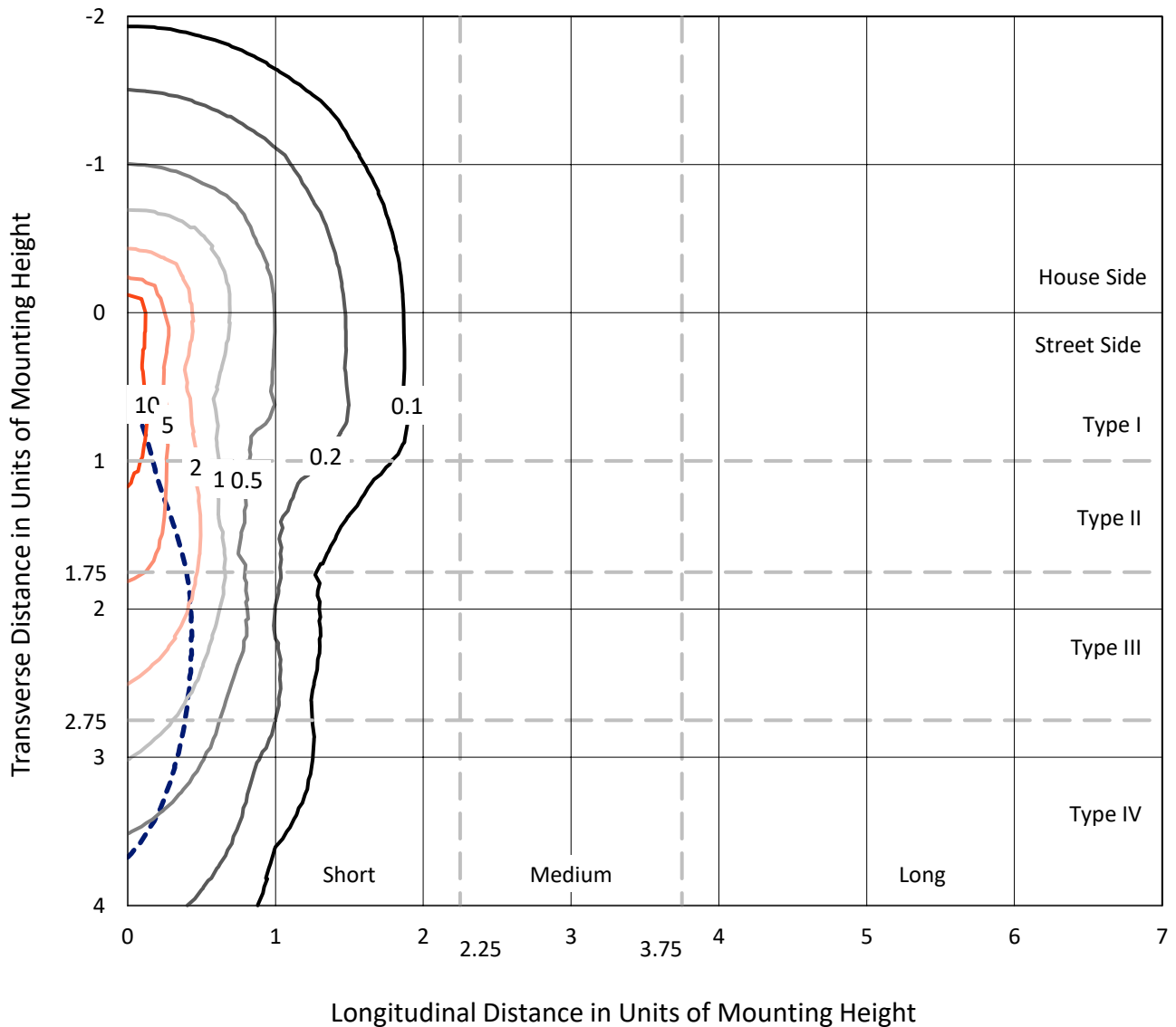
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

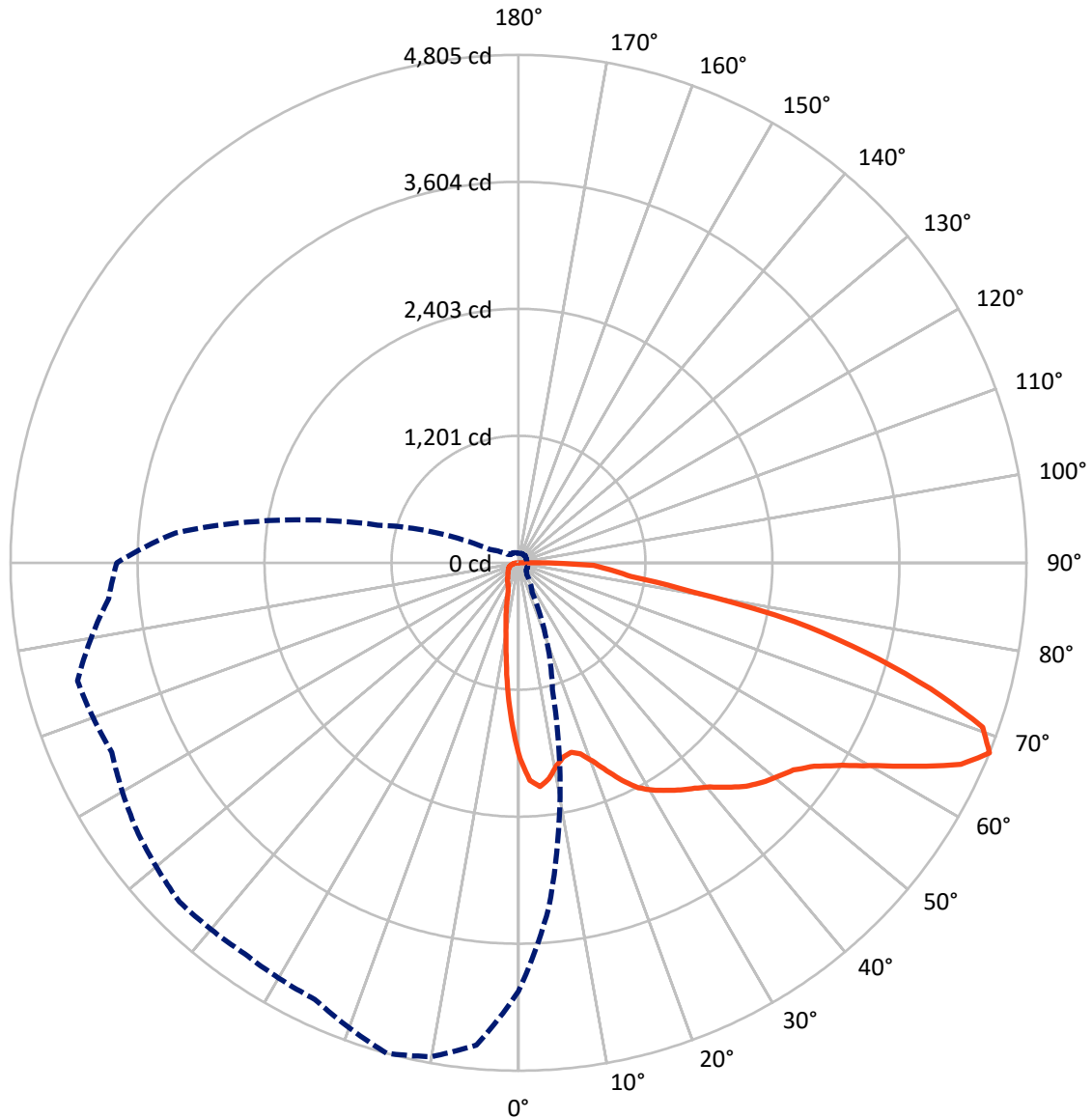
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 18.6 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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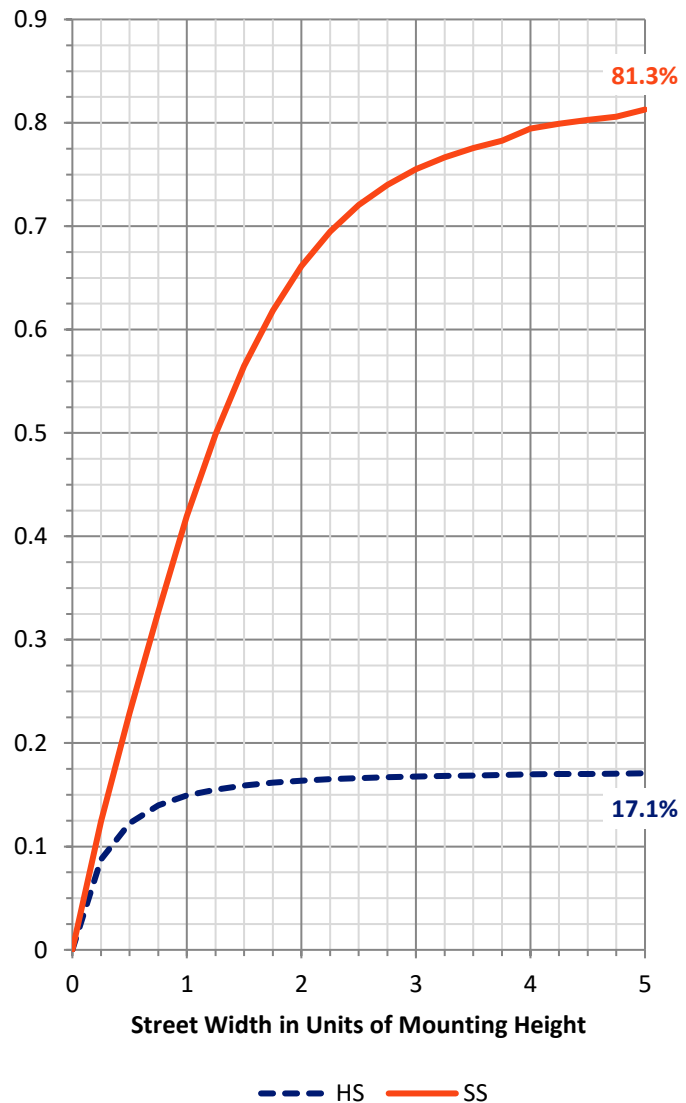
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1052.8	0.0	1052.8
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	5037.2	0.0	5037.2
	% Fixture	82.7	0.0	82.7
Total	Lumens	6090.0	0.0	6090.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.2	2.4
10°-20°	297.5	4.9
20°-30°	423.1	6.9
30°-40°	609.6	10.0
40°-50°	859.1	14.1
50°-60°	1194.4	19.6
60°-70°	1444.3	23.7
70°-80°	887.8	14.6
80°-90°	231.0	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°	6090.0	100.0
0°-180°	6090.0	100.0

Coefficient of Utilization

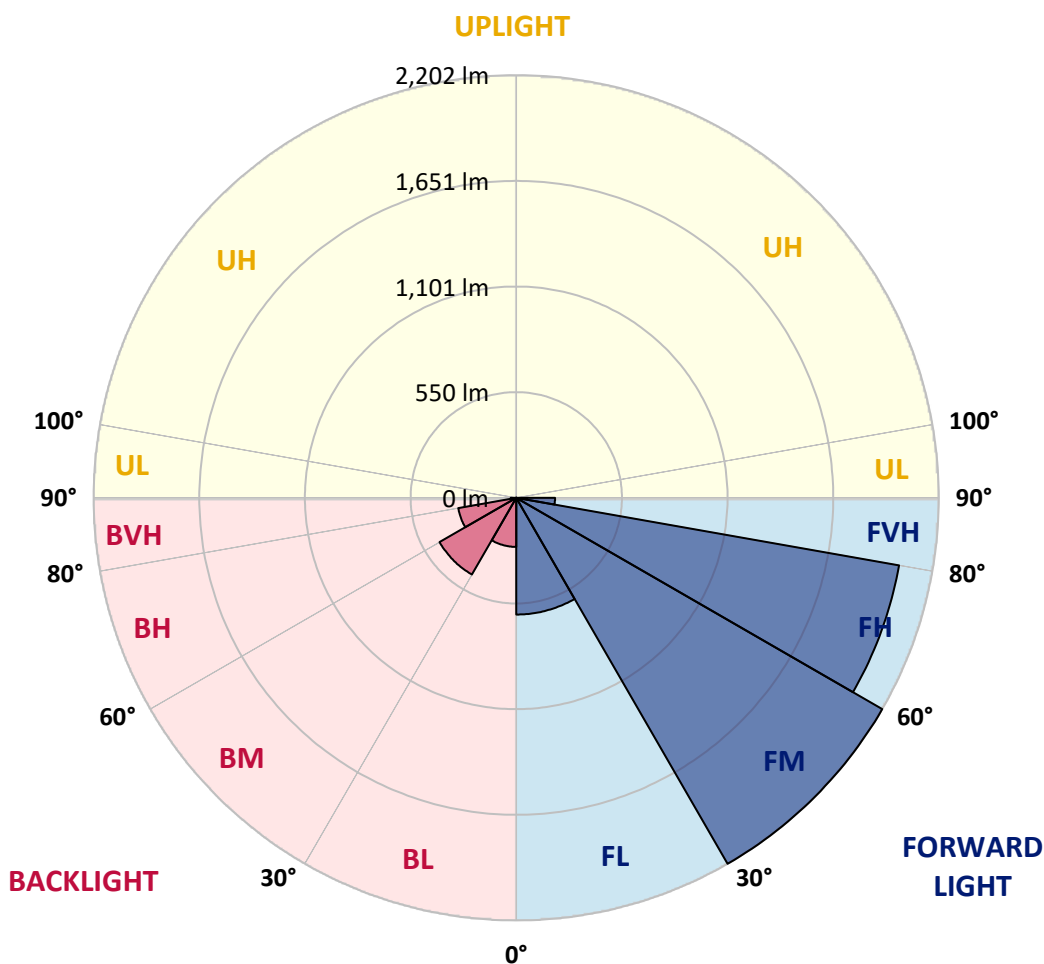


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	608.1	10.0			
FM (30°-60°)	2201.7	36.2			
FH (60°-80°)	2025.3	33.3			G2/5000
FVH (80°-90°)	202.1	3.3			G2/225
BL (0°-30°)	255.6	4.2	B1/500		
BM (30°-60°)	461.4	7.6	B1/1000		
BH (60°-80°)	306.8	5.0	B1/500		G1/500
BVH (80°-90°)	29.0	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 IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4
2.5°	1987.6	1970.0	1943.5	1917.0	1897.2	1877.3	1854.6	1832.0	1806.2	1780.1	1764.8
5°	1954.7	1906.0	1842.7	1779.4	1737.5	1695.6	1648.2	1600.7	1553.7	1506.7	1481.4
7.5°	1806.7	1733.6	1651.3	1569.0	1508.2	1447.0	1381.3	1315.3	1256.9	1198.2	1161.9
10°	1661.1	1573.4	1478.9	1384.2	1306.3	1228.4	1162.4	1096.2	1052.1	1008.0	974.7
12.5°	1556.6	1459.5	1355.5	1251.3	1173.4	1095.4	1053.6	1011.7	975.2	938.6	900.2
15°	1515.2	1405.4	1299.0	1192.3	1121.5	1050.6	1004.1	957.4	908.4	859.3	812.0
17.5°	1551.7	1423.2	1307.5	1191.9	1099.1	1006.3	941.3	876.1	811.5	747.0	692.2
20°	1665.7	1501.6	1350.4	1198.9	1075.5	952.0	864.9	777.4	694.7	611.9	549.8
22.5°	1825.7	1608.5	1411.0	1213.5	1054.0	894.3	785.0	675.4	577.5	479.7	418.8
25°	2020.0	1750.2	1498.4	1246.4	1045.3	843.9	709.5	575.1	471.9	368.4	325.1
27.5°	2224.7	1919.2	1607.0	1294.6	1046.7	798.9	646.0	492.8	399.8	306.8	277.1
30°	2395.4	2112.2	1733.6	1354.8	1052.3	749.9	586.1	422.2	345.5	268.8	249.6
32.5°	2551.5	2246.9	1829.1	1411.0	1058.7	706.1	539.8	373.3	310.7	247.9	232.0
35°	2712.7	2366.4	1895.8	1424.9	1047.7	670.3	508.2	346.0	288.3	230.3	216.9
37.5°	2890.2	2495.7	1960.1	1424.1	1029.2	634.3	483.6	332.6	273.7	214.5	204.8
40°	3088.1	2638.7	2029.7	1420.7	1012.4	603.8	465.3	326.5	265.6	204.5	196.2
42.5°	3281.7	2775.0	2094.5	1413.9	998.8	583.4	447.3	311.2	258.3	205.3	193.6
45°	3427.1	2894.1	2150.7	1407.1	988.6	570.0	433.2	296.3	251.5	206.7	191.9
47.5°	3537.4	3013.6	2213.0	1412.2	987.6	562.9	423.2	283.4	238.6	193.6	187.5
50°	3677.6	3157.3	2303.9	1450.4	1001.0	551.5	411.5	271.2	226.2	181.2	189.4
52.5°	3852.2	3362.3	2444.6	1526.7	1029.0	531.3	393.0	254.7	211.1	167.3	180.2
55°	4108.6	3625.0	2624.5	1623.8	1062.8	501.6	365.0	228.1	191.1	153.9	165.3
57.5°	4338.7	3890.4	2797.2	1703.7	1084.0	464.1	329.7	195.3	168.7	142.2	148.8
60°	4441.2	4027.3	2878.0	1728.5	1071.3	414.2	290.0	165.6	149.0	132.5	131.2
62.5°	4401.2	3940.3	2798.4	1656.4	1009.5	362.6	254.9	147.3	134.9	122.2	119.6
65°	4284.4	3667.1	2575.3	1483.6	905.0	326.5	232.8	139.0	125.2	111.3	108.4
67.5°	4054.0	3278.3	2259.3	1240.3	772.3	304.4	220.1	135.9	119.1	102.0	98.6
70°	3640.6	2810.3	1895.3	980.0	635.5	290.7	211.8	132.9	112.5	91.8	88.6
72.5°	2990.2	2253.2	1513.5	773.6	531.3	289.0	210.9	132.7	107.1	81.6	78.6
75°	2141.0	1711.5	1155.3	599.0	435.1	271.2	200.1	129.0	99.8	70.4	67.7
77.5°	1440.7	1184.6	803.0	421.2	322.9	224.5	168.2	112.0	85.5	58.9	56.2
80°	925.2	819.8	538.1	256.4	209.4	162.4	120.3	78.2	62.3	46.3	44.1
82.5°	678.8	610.2	374.0	137.8	116.4	94.7	73.5	52.3	42.6	32.9	31.9
85°	431.5	475.8	275.4	75.0	61.4	47.7	39.4	31.2	24.6	18.0	18.0
87.5°	83.8	115.9	76.2	36.3	26.5	16.8	14.4	11.7	6.6	1.2	1.5
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



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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°	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4
2.5°	1749.2	1732.4	1715.6	1696.6	1677.4	1659.6	1641.6	1621.9	1625.5	1610.4	1595.3
5°	1456.0	1429.3	1402.2	1378.9	1355.5	1335.3	1314.8	1296.6	1312.4	1301.7	1291.0
7.5°	1125.4	1092.3	1058.9	1030.9	1002.9	981.2	959.3	944.2	959.8	957.9	955.9
10°	941.3	909.2	876.8	845.9	814.9	788.7	762.1	739.7	735.8	724.6	713.2
12.5°	861.5	817.4	773.1	740.7	708.3	676.9	645.5	619.2	607.3	588.7	570.0
15°	764.8	712.7	660.6	623.8	586.8	556.4	525.7	503.0	495.5	481.1	466.8
17.5°	637.4	580.5	523.5	486.2	448.7	424.4	399.8	384.7	384.7	380.6	376.4
20°	487.7	436.8	385.9	357.4	328.9	316.0	302.9	296.6	298.5	298.8	298.8
22.5°	357.7	326.5	295.3	283.9	272.2	267.6	263.0	260.3	261.3	261.5	261.7
25°	281.7	269.8	257.6	251.8	245.7	242.8	239.8	238.9	241.1	241.3	241.3
27.5°	247.4	240.1	232.5	228.9	225.0	223.8	222.5	220.8	223.0	223.0	222.8
30°	230.1	222.3	214.5	209.9	205.3	205.7	206.0	205.5	207.0	207.9	208.7
32.5°	216.0	208.4	200.9	196.2	191.4	190.6	189.9	189.4	192.6	194.3	196.0
35°	203.3	195.0	186.8	182.4	178.0	176.3	174.6	173.4	176.3	178.5	180.7
37.5°	194.8	186.3	177.5	173.4	169.0	166.8	164.6	163.1	164.4	165.3	166.3
40°	188.0	179.2	170.2	165.3	160.5	158.3	156.1	154.9	155.6	155.8	156.1
42.5°	181.6	173.1	164.6	159.2	153.6	151.0	148.3	146.8	147.3	147.8	148.0
45°	177.0	168.5	159.7	153.4	146.8	143.9	141.0	139.3	139.5	139.5	139.5
47.5°	181.4	169.0	156.3	149.0	141.5	138.1	134.6	132.9	132.5	132.0	131.5
50°	197.5	176.3	154.9	145.6	136.1	132.5	128.6	126.6	125.4	124.9	124.4
52.5°	192.8	174.6	156.1	144.1	132.0	127.6	123.2	120.0	118.8	118.1	117.4
55°	176.5	165.1	153.4	139.0	124.7	120.8	116.6	114.4	112.2	111.8	111.3
57.5°	155.1	150.5	145.8	131.2	116.6	113.0	109.1	107.6	105.7	105.7	105.4
60°	129.8	136.6	143.4	126.6	109.6	105.4	101.3	100.1	99.3	99.1	98.9
62.5°	116.6	127.8	138.8	121.0	103.0	98.6	94.2	92.8	92.5	92.8	92.8
65°	105.4	108.8	112.2	104.0	95.7	91.3	86.7	85.2	85.7	86.4	87.2
67.5°	95.2	94.5	93.7	90.8	87.7	84.0	80.1	78.6	78.9	79.9	80.8
70°	85.5	84.5	83.3	81.1	78.9	75.7	72.6	71.6	71.3	72.6	73.5
72.5°	75.7	74.5	73.0	71.3	69.4	66.7	64.0	63.3	63.5	64.3	65.0
75°	65.0	64.0	62.8	61.4	59.7	57.2	54.8	54.3	54.8	55.5	56.2
77.5°	53.3	53.1	52.6	51.4	50.2	47.5	44.6	44.3	45.0	45.8	46.3
80°	41.6	41.9	42.1	41.1	40.2	37.3	34.1	33.8	34.6	35.3	36.0
82.5°	30.7	31.4	31.9	30.7	29.5	26.1	22.6	22.2	24.6	25.3	26.1
85°	17.8	18.7	19.7	18.7	17.8	14.4	11.0	10.7	12.9	14.1	15.3
87.5°	1.5	1.9	2.4	2.2	1.9	1.0	0.0	0.0	0.2	1.2	2.2
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



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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: P386113
 CATALOG NUMBER: GAW-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4
2.5°	1585.8	1576.3	1573.4	1570.5	1559.8	1548.8	1560.0	1571.0	1575.6	1580.2	1568.3
5°	1289.5	1287.8	1287.8	1287.6	1277.8	1267.8	1275.4	1282.7	1266.4	1250.1	1248.4
7.5°	966.4	976.9	985.4	993.7	990.5	987.3	994.4	1001.5	980.8	959.8	949.6
10°	715.6	717.8	727.0	736.3	738.5	740.4	749.2	757.7	741.7	725.6	718.5
12.5°	558.3	546.6	547.8	548.8	553.2	557.3	566.6	575.6	569.0	562.2	562.9
15°	452.2	437.3	431.2	424.9	429.8	434.6	441.2	447.5	447.8	447.8	454.1
17.5°	369.1	361.6	355.5	349.2	355.7	362.1	362.8	363.5	363.8	364.0	363.5
20°	302.4	306.1	304.1	302.2	304.6	306.8	308.7	310.4	308.3	305.8	299.7
22.5°	265.2	268.3	270.8	272.9	277.1	281.0	279.0	276.8	272.5	267.8	263.2
25°	243.5	245.7	248.1	250.5	254.0	257.1	253.7	250.3	247.1	244.0	240.8
27.5°	225.2	227.4	229.6	231.6	234.7	237.6	234.5	231.3	228.6	226.0	223.5
30°	210.4	211.8	213.5	215.2	218.2	220.8	218.2	215.2	213.3	211.1	209.4
32.5°	197.7	199.2	199.9	200.6	203.3	206.0	204.0	202.1	200.4	198.7	197.5
35°	183.8	186.8	187.2	187.7	190.4	193.1	191.9	190.4	188.5	186.5	184.3
37.5°	169.7	173.1	175.1	176.8	179.4	182.1	180.9	179.7	177.0	174.3	170.4
40°	157.8	159.2	162.9	166.3	170.7	174.8	172.4	169.7	165.6	161.4	159.5
42.5°	147.8	147.6	151.0	154.4	160.9	167.3	162.9	158.5	154.6	150.7	150.2
45°	139.0	138.3	140.0	141.7	148.8	155.6	151.2	146.6	144.4	142.2	142.2
47.5°	131.2	130.8	132.0	132.9	137.3	141.5	139.3	137.1	135.9	134.6	134.9
50°	124.2	123.7	124.9	125.9	127.6	129.0	129.5	129.8	129.0	128.3	128.8
52.5°	117.6	117.6	118.1	118.3	120.5	122.7	122.7	122.5	122.5	122.5	123.0
55°	112.0	112.5	112.5	112.5	115.9	119.1	118.1	117.1	117.4	117.4	117.8
57.5°	106.4	107.1	107.6	108.1	111.5	114.9	114.0	113.0	113.0	113.0	113.2
60°	100.1	101.0	102.0	103.0	106.4	109.8	108.8	107.6	107.9	108.1	108.4
62.5°	94.0	95.0	95.9	96.9	100.3	103.7	102.8	101.5	102.3	102.8	102.8
65°	88.1	88.9	89.8	90.8	94.0	97.2	96.2	95.2	96.2	96.9	97.4
67.5°	81.6	82.1	83.0	84.0	87.2	90.3	89.4	88.1	89.4	90.3	91.3
70°	74.0	74.5	75.7	76.7	79.9	83.0	81.8	80.6	81.8	83.0	84.0
72.5°	65.7	66.2	67.4	68.4	72.1	75.7	74.3	72.8	74.3	75.7	76.2
75°	56.7	57.2	58.7	59.9	63.5	67.2	66.0	64.5	65.7	67.0	67.2
77.5°	47.0	47.7	49.7	51.6	54.5	57.5	56.7	56.0	56.7	57.5	57.5
80°	36.8	37.5	39.9	42.1	43.8	45.5	45.8	46.0	46.3	46.5	46.3
82.5°	27.3	28.2	30.4	32.6	32.6	32.6	34.6	36.3	36.3	36.0	35.8
85°	16.8	18.0	20.0	21.9	20.7	19.5	22.6	25.6	25.6	25.3	24.8
87.5°	3.4	4.6	6.6	8.3	7.1	5.8	9.0	12.2	12.4	12.4	11.9
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):

	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: P386113
 CATALOG NUMBER: GAW-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4
2.5°	1556.1	1575.1	1593.9	1598.7	1606.0	1609.2	1612.1	1636.0	1659.6	1687.4	1715.1
5°	1246.4	1260.5	1274.6	1276.8	1284.4	1288.3	1292.2	1321.2	1349.9	1388.6	1427.3
7.5°	939.4	942.8	946.2	945.7	952.0	960.6	968.8	999.8	1030.4	1072.1	1113.5
10°	711.5	719.3	726.8	733.9	747.7	763.8	779.6	811.3	842.9	884.1	925.0
12.5°	563.7	572.7	581.4	589.2	605.3	626.7	647.9	685.9	723.9	773.1	822.0
15°	460.2	459.5	458.7	464.1	478.2	501.6	524.7	564.9	605.1	659.1	712.9
17.5°	363.0	359.4	355.7	359.9	373.0	392.3	411.2	445.3	479.2	531.5	583.9
20°	293.6	291.2	288.8	292.7	300.9	309.0	317.0	341.6	366.0	408.6	450.9
22.5°	258.3	258.1	257.6	259.8	263.7	267.8	271.7	283.7	295.3	322.9	350.1
25°	237.6	237.4	237.2	238.1	241.3	244.5	247.6	255.4	263.2	276.4	289.5
27.5°	221.1	220.6	220.1	220.4	221.1	226.0	230.6	234.2	237.6	246.7	255.4
30°	207.7	207.4	207.2	207.2	206.5	208.2	209.9	215.5	220.8	230.1	239.3
32.5°	196.2	195.0	193.8	191.1	189.4	191.9	194.3	200.1	206.0	214.5	223.0
35°	181.9	178.7	175.3	173.8	174.1	176.5	179.0	184.8	190.4	199.7	208.7
37.5°	166.3	165.3	164.1	163.9	164.6	167.0	169.5	174.6	179.4	188.7	197.7
40°	157.5	157.0	156.6	156.1	156.6	159.0	161.4	166.3	170.9	179.9	188.7
42.5°	149.7	149.5	149.3	149.3	149.5	152.2	154.9	159.7	164.4	172.4	180.4
45°	142.2	142.4	142.4	142.9	143.7	146.3	148.8	154.1	159.5	167.3	175.1
47.5°	135.1	135.9	136.4	137.6	138.3	141.2	143.9	149.7	155.6	165.3	174.8
50°	129.0	129.8	130.3	131.2	133.2	136.6	140.0	147.1	153.9	170.2	186.3
52.5°	123.4	124.2	124.9	125.9	128.3	132.2	136.1	144.9	153.4	172.4	191.4
55°	118.3	119.1	119.6	121.0	123.4	126.9	130.0	140.7	151.4	165.3	179.2
57.5°	113.5	114.2	114.7	115.7	116.9	120.5	123.9	135.4	146.8	156.6	166.1
60°	108.4	108.8	109.1	109.1	110.1	114.2	118.3	132.9	147.3	145.6	143.7
62.5°	102.8	103.2	103.5	102.8	104.0	108.4	112.7	131.7	150.7	139.0	127.3
65°	97.6	97.4	97.2	96.4	97.9	102.3	106.4	115.9	125.4	120.8	116.1
67.5°	92.0	91.3	90.6	89.6	91.1	95.0	98.6	101.8	104.9	105.4	105.9
70°	85.0	84.0	83.0	82.8	83.5	86.7	89.8	92.0	94.0	95.0	95.7
72.5°	76.7	76.0	75.2	74.8	75.0	77.7	80.1	82.1	84.0	84.7	85.2
75°	67.4	67.4	67.2	65.7	65.7	67.9	69.9	71.6	73.3	74.3	75.2
77.5°	57.5	57.7	57.7	55.8	55.5	57.7	59.7	61.1	62.3	63.3	64.0
80°	46.0	45.5	45.0	43.8	43.3	46.0	48.5	49.7	50.6	50.9	50.9
82.5°	35.3	34.3	33.1	30.4	30.7	33.6	36.3	37.3	38.2	38.2	38.2
85°	24.1	22.2	20.0	17.8	18.0	21.2	24.1	25.1	26.1	26.5	26.8
87.5°	11.4	9.5	7.3	5.6	5.6	8.3	10.7	11.2	11.7	12.7	13.6
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: P386113
 CATALOG NUMBER: GAW-SA1D-727-U-SLR

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: P386113

CATALOG NUMBER: GAW-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4
2.5°	1736.3	1757.2	1778.9	1800.6	1825.4	1850.2	1879.2	1908.0	1932.5	1957.1	1977.6
5°	1460.7	1494.0	1533.2	1572.4	1622.3	1672.3	1733.4	1794.2	1848.5	1902.8	1965.9
7.5°	1157.0	1200.4	1251.5	1302.6	1367.2	1431.7	1510.8	1590.0	1666.7	1743.1	1840.0
10°	970.5	1016.1	1066.5	1116.6	1182.4	1247.9	1331.6	1415.1	1501.3	1587.3	1696.9
12.5°	872.7	923.1	967.4	1011.7	1065.0	1118.1	1199.2	1280.2	1381.5	1482.6	1588.0
15°	768.2	823.2	876.3	929.4	987.6	1045.5	1124.4	1203.3	1314.1	1424.9	1546.1
17.5°	641.8	699.8	764.5	829.1	905.0	980.8	1081.8	1182.9	1314.1	1445.1	1588.0
20°	510.1	569.3	646.7	724.1	818.6	912.8	1043.8	1174.8	1351.6	1528.1	1710.5
22.5°	402.5	454.6	539.1	623.3	732.4	841.5	1009.5	1177.3	1408.3	1639.1	1885.3
25°	326.3	363.0	446.1	528.9	654.7	780.6	988.6	1196.2	1490.9	1785.2	2090.6
27.5°	279.5	303.6	381.1	458.2	595.8	733.1	980.0	1226.7	1595.6	1964.4	2313.8
30°	256.1	272.9	338.4	403.7	543.5	683.2	969.8	1256.4	1696.4	2136.1	2488.4
32.5°	236.7	250.1	306.1	361.8	498.2	634.5	950.1	1265.4	1766.7	2268.1	2636.2
35°	220.1	231.3	280.0	328.7	462.6	596.5	917.0	1237.4	1810.8	2384.2	2790.1
37.5°	206.7	215.5	260.5	305.6	431.9	558.3	879.2	1200.1	1850.0	2499.9	2963.2
40°	196.2	203.8	245.9	288.0	402.7	517.4	846.8	1176.0	1904.1	2632.1	3146.1
42.5°	190.4	200.1	233.3	266.1	375.0	483.8	820.8	1157.8	1954.2	2750.4	3306.0
45°	188.9	202.8	226.7	250.5	354.3	458.0	797.7	1137.1	1986.6	2836.1	3426.6
47.5°	186.5	198.0	221.6	245.2	344.0	442.7	785.2	1127.6	2019.0	2910.1	3526.6
50°	188.0	189.4	217.4	245.2	342.6	440.0	799.4	1158.7	2089.1	3019.2	3641.1
52.5°	185.3	179.0	209.6	240.3	342.3	444.4	840.0	1235.7	2219.4	3202.8	3765.0
55°	171.2	162.9	195.0	227.2	337.2	447.0	888.5	1329.7	2394.2	3458.5	3987.8
57.5°	158.8	151.2	178.5	205.5	321.6	437.8	938.4	1438.8	2579.0	3719.0	4238.8
60°	142.2	140.5	160.0	179.4	297.5	415.4	979.5	1543.5	2703.2	3862.7	4335.5
62.5°	128.6	129.5	143.9	158.3	267.3	376.2	993.2	1609.9	2699.8	3789.6	4238.1
65°	118.1	119.8	133.9	148.0	241.5	335.0	948.4	1561.5	2563.2	3564.6	4045.5
67.5°	107.9	109.8	126.6	143.2	218.7	293.9	836.4	1378.6	2317.5	3256.1	3800.6
70°	98.1	100.6	118.8	137.1	202.1	266.9	692.0	1117.1	2010.0	2902.6	3516.9
72.5°	87.7	90.1	109.6	129.0	191.6	254.0	564.2	874.1	1631.1	2387.9	3008.3
75°	76.9	78.6	99.8	120.8	177.3	233.7	442.7	651.3	1248.4	1845.4	2272.2
77.5°	66.2	68.4	86.2	103.7	150.5	197.0	333.6	470.2	916.0	1361.6	1580.2
80°	52.8	54.8	67.4	79.9	116.1	152.2	229.4	306.5	630.4	954.2	1077.4
82.5°	40.4	42.6	51.1	59.4	82.8	106.2	139.0	171.9	418.8	665.4	675.7
85°	27.8	28.5	34.6	40.4	51.1	61.8	79.6	97.4	277.1	456.8	380.6
87.5°	13.9	13.9	18.0	22.2	27.5	32.9	42.1	51.1	88.6	126.1	72.6
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: P386113
 CATALOG NUMBER: GAW-SA1D-727-U-SLR

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: P386113

CATALOG NUMBER: GAW-SA1D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4
2.5°	2003.6	2021.4	2039.4	2053.1	2066.9	2086.9	2106.9	2110.5	2114.4	2106.6	2098.8
5°	2029.5	2083.3	2137.3	2187.2	2237.1	2267.1	2297.0	2303.1	2309.2	2290.5	2271.5
7.5°	1933.8	2027.5	2121.2	2207.2	2293.1	2345.3	2397.6	2409.3	2421.2	2390.5	2359.9
10°	1805.9	1921.1	2036.3	2149.5	2262.7	2338.4	2414.2	2429.3	2444.4	2406.1	2367.9
12.5°	1707.1	1830.0	1953.0	2072.3	2191.9	2270.3	2348.7	2367.4	2386.2	2358.4	2330.4
15°	1676.6	1792.3	1908.0	2011.9	2116.1	2180.2	2244.5	2252.0	2259.8	2255.4	2251.0
17.5°	1731.9	1836.4	1941.1	1997.6	2054.3	2079.9	2105.7	2113.9	2122.5	2133.4	2144.6
20°	1865.8	1939.4	2013.1	2010.7	2008.0	1995.6	1982.9	1980.8	1978.6	2010.0	2041.6
22.5°	2065.7	2095.0	2124.4	2056.0	1987.6	1945.9	1904.1	1895.8	1887.3	1920.6	1954.2
25°	2282.7	2277.3	2271.7	2141.5	2010.9	1931.6	1852.2	1842.9	1833.7	1862.2	1890.9
27.5°	2497.4	2462.4	2427.3	2250.3	2073.3	1958.1	1842.9	1833.7	1824.4	1849.8	1875.1
30°	2655.0	2598.7	2542.5	2342.1	2141.7	2004.9	1868.0	1852.9	1837.6	1868.8	1899.9
32.5°	2777.9	2702.4	2627.0	2416.6	2206.2	2058.2	1910.1	1886.5	1862.9	1904.5	1946.2
35°	2900.6	2794.5	2688.1	2483.1	2277.8	2121.2	1964.4	1935.5	1906.5	1963.7	2020.9
37.5°	3055.0	2902.6	2749.9	2557.8	2365.7	2215.7	2065.5	2035.8	2006.1	2078.9	2151.9
40°	3222.5	3019.2	2815.9	2639.6	2463.3	2346.5	2229.4	2201.1	2172.6	2261.3	2349.9
42.5°	3361.8	3127.8	2893.8	2738.2	2582.4	2500.1	2417.6	2417.3	2416.8	2506.7	2596.5
45°	3475.0	3218.4	2961.5	2834.4	2707.1	2664.2	2621.4	2655.7	2690.0	2771.1	2852.4
47.5°	3559.5	3294.4	3029.0	2944.5	2860.0	2866.3	2872.6	2942.5	3012.4	3064.5	3116.9
50°	3614.5	3363.3	3111.7	3085.7	3059.6	3116.4	3173.3	3253.5	3333.8	3369.4	3404.9
52.5°	3694.7	3456.8	3218.6	3247.9	3277.1	3393.0	3508.9	3590.0	3671.0	3684.2	3697.6
55°	3879.9	3628.7	3377.1	3433.1	3489.4	3659.3	3829.5	3892.8	3956.2	3961.0	3965.9
57.5°	4143.2	3869.5	3595.8	3656.2	3716.6	3912.8	4109.3	4177.5	4245.9	4236.4	4226.7
60°	4340.1	4098.1	3855.8	3916.7	3977.6	4169.0	4360.3	4438.7	4517.4	4496.4	4475.5
62.5°	4352.3	4223.0	4093.5	4148.5	4203.8	4391.3	4578.7	4659.3	4739.9	4703.4	4666.9
65°	4158.7	4216.7	4274.6	4292.9	4311.2	4486.0	4661.0	4722.6	4784.5	4766.0	4747.5
67.5°	3892.1	4105.7	4319.4	4282.7	4245.9	4328.0	4410.0	4473.6	4537.1	4526.6	4515.9
70°	3626.0	3911.1	4196.2	4015.6	3834.7	3800.8	3767.0	3835.4	3904.0	3861.7	3819.1
72.5°	3172.9	3476.7	3780.8	3448.0	3115.2	2999.5	2883.8	2970.8	3057.7	2990.2	2922.6
75°	2490.6	2826.4	3162.4	2765.3	2368.1	2213.8	2059.4	2134.2	2208.9	2162.6	2116.1
77.5°	1854.1	2185.0	2515.9	2112.2	1708.3	1593.6	1478.7	1500.8	1523.2	1515.5	1507.4
80°	1257.6	1488.2	1719.0	1450.2	1181.4	1190.2	1199.2	1188.7	1178.0	1193.6	1209.1
82.5°	802.5	980.5	1158.7	1016.1	873.4	955.2	1037.0	996.8	956.4	971.3	986.4
85°	458.0	632.1	806.4	751.6	696.6	744.3	792.3	730.0	667.6	694.9	722.4
87.5°	120.8	349.6	578.8	525.4	472.1	410.3	348.4	265.9	183.3	267.8	352.3
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: P386113
 CATALOG NUMBER: GAW-SA1D-727-U-SLR

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°	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4	1855.4
2.5°	2094.7	2090.6	2075.7	2060.6	2038.2	2019.7	1987.6
5°	2245.2	2218.9	2173.6	2128.1	2077.4	2019.2	1954.7
7.5°	2298.5	2236.9	2150.0	2062.8	1984.4	1892.4	1806.7
10°	2275.9	2183.6	2070.6	1957.4	1862.2	1756.3	1661.1
12.5°	2232.5	2134.4	2010.0	1885.3	1777.0	1663.3	1556.6
15°	2172.9	2094.5	1977.8	1861.2	1752.1	1641.6	1515.2
17.5°	2107.6	2070.4	1986.1	1901.6	1807.2	1700.0	1551.7
20°	2055.0	2068.7	2035.1	2001.5	1925.7	1832.2	1665.7
22.5°	2019.5	2085.0	2110.8	2136.8	2091.3	2018.3	1825.7
25°	1999.5	2108.1	2194.5	2281.2	2261.0	2204.8	2020.0
27.5°	2008.3	2141.5	2275.6	2410.0	2428.8	2413.2	2224.7
30°	2034.6	2169.5	2332.8	2496.5	2571.2	2592.1	2395.4
32.5°	2078.4	2210.6	2388.6	2566.8	2679.8	2746.5	2551.5
35°	2144.6	2268.3	2453.8	2639.4	2785.5	2907.2	2712.7
37.5°	2258.3	2364.7	2535.9	2707.3	2896.7	3079.6	2890.2
40°	2424.9	2500.1	2644.7	2789.6	3028.0	3274.9	3088.1
42.5°	2635.0	2673.7	2788.4	2903.1	3165.1	3452.1	3281.7
45°	2862.7	2872.9	2945.0	3017.3	3273.7	3572.9	3427.1
47.5°	3081.8	3046.7	3075.5	3104.2	3356.9	3659.1	3537.4
50°	3307.3	3209.6	3194.5	3179.4	3440.2	3760.6	3677.6
52.5°	3536.6	3375.7	3316.0	3256.1	3539.6	3895.3	3852.2
55°	3761.1	3556.4	3476.0	3395.7	3691.5	4059.6	4108.6
57.5°	3994.6	3762.6	3688.1	3613.6	3914.8	4267.8	4338.7
60°	4245.9	4016.1	3956.4	3896.5	4192.3	4492.8	4441.2
62.5°	4484.3	4301.7	4270.3	4238.6	4473.1	4665.7	4401.2
65°	4643.5	4539.3	4568.5	4598.0	4685.4	4708.8	4284.4
67.5°	4537.1	4558.3	4681.7	4805.4	4745.3	4580.7	4054.0
70°	3945.9	4073.0	4365.5	4658.1	4524.7	4237.6	3640.6
72.5°	3065.2	3208.2	3642.3	4076.7	3953.7	3602.1	2990.2
75°	2277.3	2438.8	2917.9	3397.1	3226.4	2694.4	2141.0
77.5°	1615.5	1723.6	2196.7	2670.1	2391.8	1793.5	1440.7
80°	1176.0	1142.9	1406.6	1670.3	1624.0	1186.3	925.2
82.5°	905.5	824.7	948.9	1073.0	1066.2	823.2	678.8
85°	690.0	657.7	767.5	877.3	783.3	557.6	431.5
87.5°	402.2	452.4	581.7	711.2	533.7	169.2	83.8
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)