

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: P385553

Luminaire Tested: GAW-SA1A-760-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385553
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-760-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 5700K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4374 lumens
Efficiency: N/A
Efficacy: 128.6 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): 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

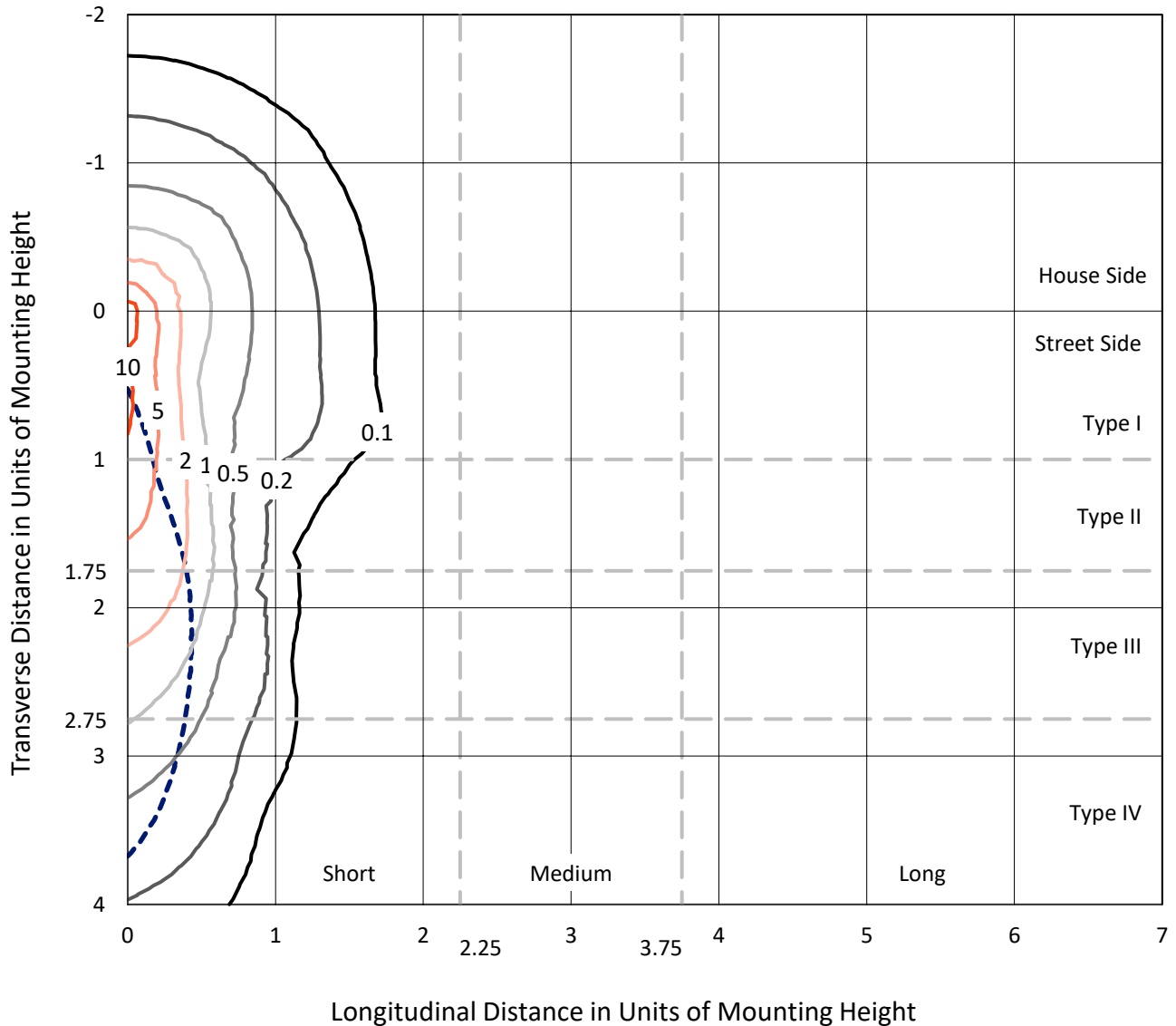




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Iso-Footcandle Lines of Horizontal Illumination

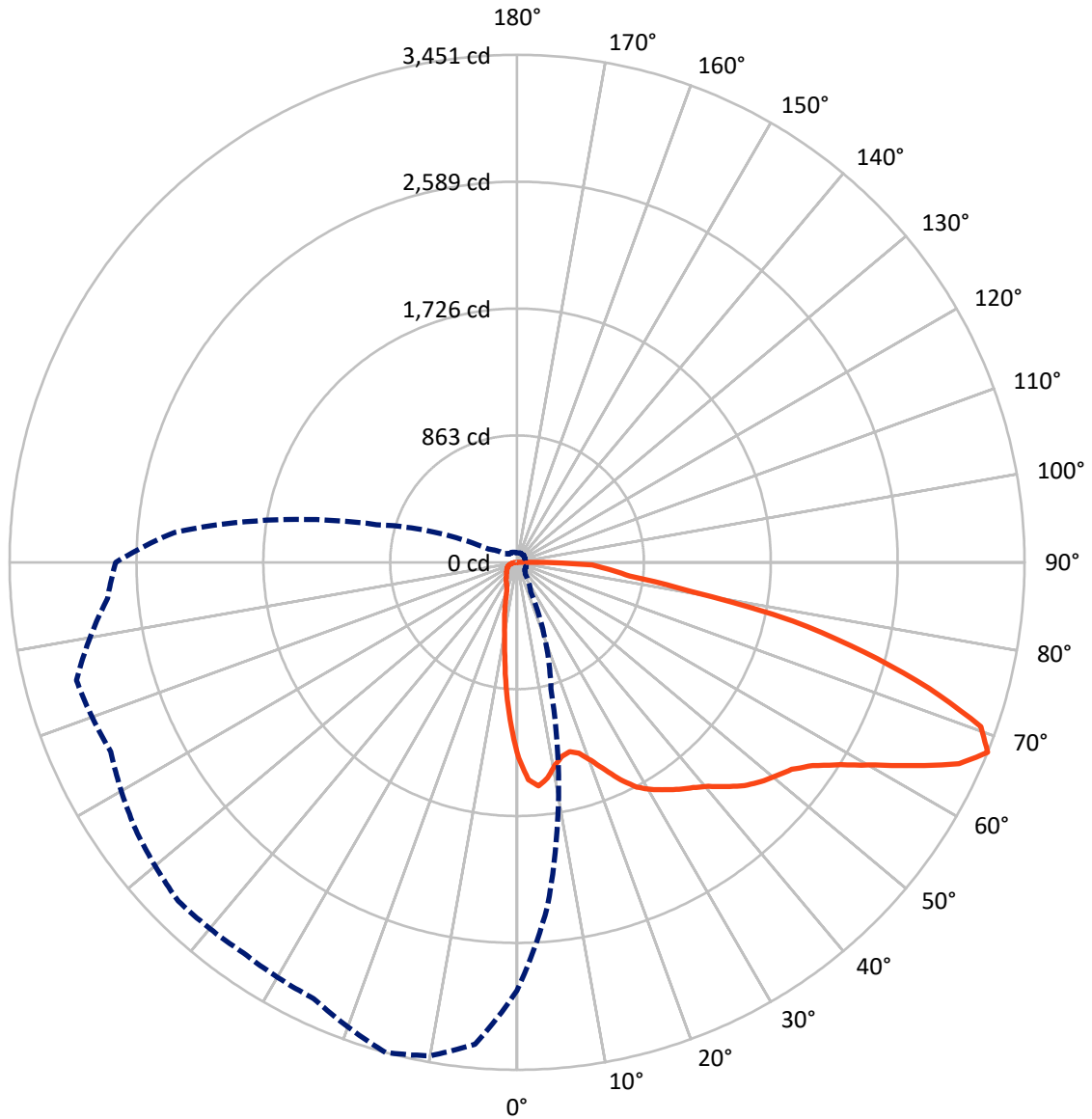
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.3 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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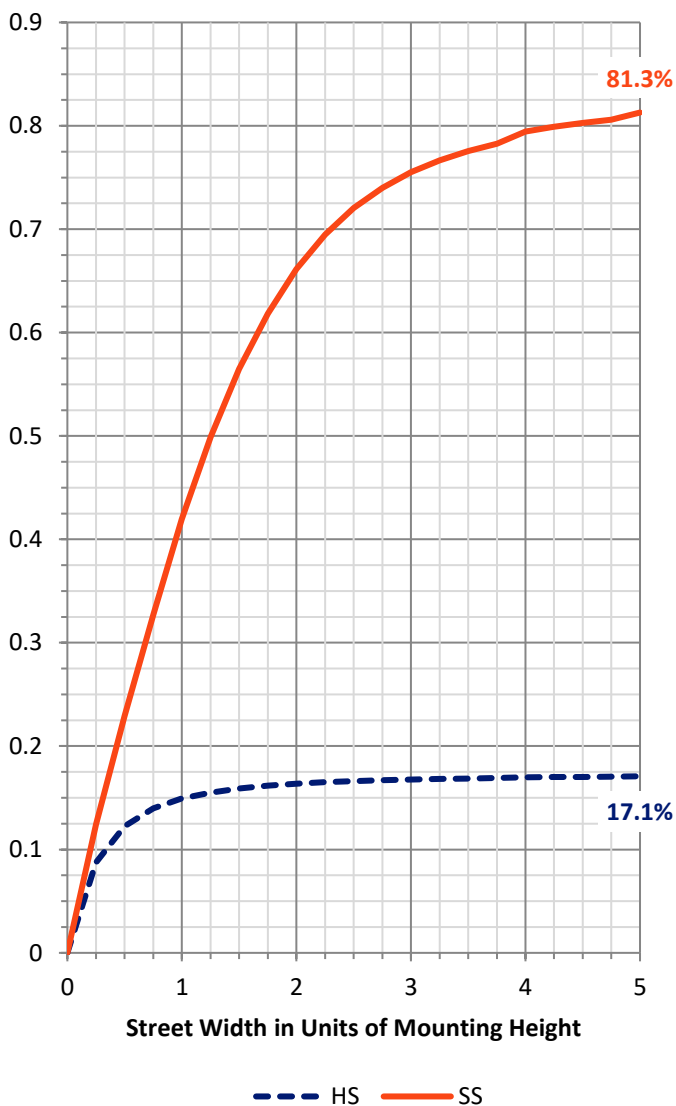
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	756.2	0.0	756.2
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	3617.8	0.0	3617.8
	% Fixture	82.7	0.0	82.7
Total	Lumens	4374.0	0.0	4374.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.8	2.4
10°-20°	213.6	4.9
20°-30°	303.9	6.9
30°-40°	437.9	10.0
40°-50°	617.1	14.1
50°-60°	857.8	19.6
60°-70°	1037.4	23.7
70°-80°	637.6	14.6
80°-90°	165.9	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°	4374.0	100.0
0°-180°	4374.0	100.0

Coefficient of Utilization

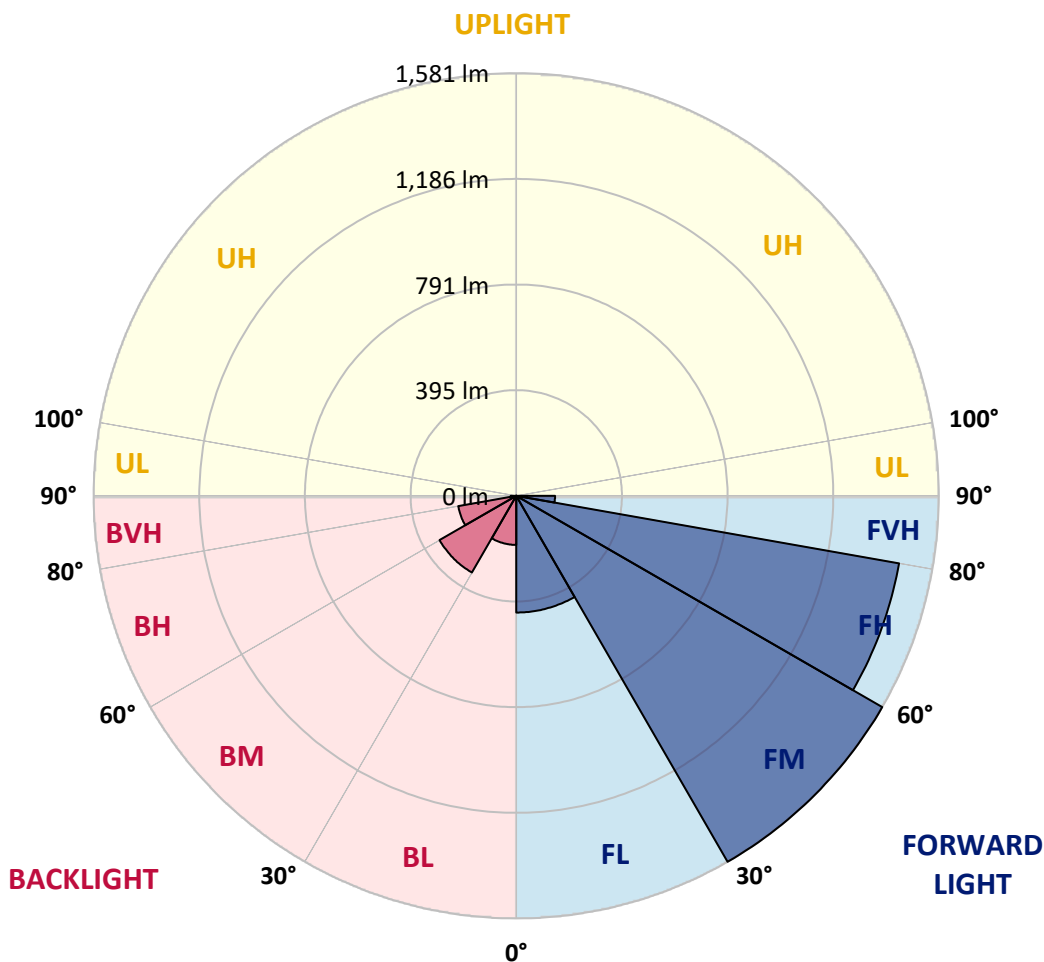


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	436.8	10.0			
FM (30°-60°)	1581.3	36.2			
FH (60°-80°)	1454.6	33.3			G1/1800
FVH (80°-90°)	145.1	3.3			G2/225
BL (0°-30°)	183.6	4.2	B1/500		
BM (30°-60°)	331.4	7.6	B1/1000		
BH (60°-80°)	220.4	5.0	B1/500		G1/500
BVH (80°-90°)	20.8	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°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1427.5	1414.9	1395.9	1376.8	1362.6	1348.3	1332.0	1315.8	1297.2	1278.5	1267.5
5°	1403.9	1368.9	1323.5	1278.0	1247.9	1217.8	1183.7	1149.6	1115.9	1082.1	1064.0
7.5°	1297.6	1245.1	1186.0	1126.9	1083.2	1039.3	992.1	944.7	902.7	860.6	834.5
10°	1193.0	1130.1	1062.2	994.2	938.2	882.3	834.9	787.3	755.6	724.0	700.0
12.5°	1118.0	1048.2	973.5	898.7	842.7	786.8	756.7	726.6	700.4	674.2	646.5
15°	1088.3	1009.4	933.0	856.4	805.5	754.6	721.2	687.6	652.5	617.1	583.2
17.5°	1114.5	1022.2	939.1	856.0	789.4	722.8	676.1	629.2	582.9	536.5	497.2
20°	1196.3	1078.5	969.9	861.1	772.4	683.8	621.2	558.4	498.9	439.5	394.9
22.5°	1311.2	1155.2	1013.4	871.6	757.0	642.3	563.8	485.1	414.8	344.5	300.8
25°	1450.8	1257.0	1076.2	895.2	750.8	606.1	509.6	413.1	338.9	264.6	233.5
27.5°	1597.9	1378.4	1154.2	929.8	751.8	573.8	464.0	354.0	287.1	220.3	199.0
30°	1720.4	1517.1	1245.1	973.0	755.8	538.6	420.9	303.2	248.2	193.1	179.2
32.5°	1832.5	1613.8	1313.7	1013.4	760.4	507.1	387.7	268.1	223.1	178.0	166.7
35°	1948.3	1699.6	1361.6	1023.4	752.5	481.4	365.0	248.5	207.1	165.4	155.8
37.5°	2075.8	1792.5	1407.8	1022.9	739.2	455.6	347.3	238.9	196.6	154.1	147.1
40°	2218.0	1895.2	1457.8	1020.4	727.1	433.7	334.2	234.5	190.8	146.9	141.0
42.5°	2357.0	1993.1	1504.3	1015.5	717.3	419.0	321.3	223.5	185.5	147.4	139.0
45°	2461.4	2078.6	1544.7	1010.6	710.0	409.4	311.1	212.8	180.6	148.5	137.8
47.5°	2540.6	2164.5	1589.5	1014.3	709.3	404.3	303.9	203.6	171.4	139.0	134.7
50°	2641.4	2267.6	1654.7	1041.7	718.9	396.1	295.5	194.8	162.5	130.1	136.1
52.5°	2766.7	2414.9	1755.8	1096.5	739.0	381.6	282.3	182.9	151.6	120.1	129.4
55°	2950.9	2603.6	1885.0	1166.3	763.3	360.2	262.1	163.9	137.3	110.5	118.7
57.5°	3116.1	2794.2	2009.0	1223.6	778.6	333.3	236.8	140.3	121.2	102.1	106.9
60°	3189.8	2892.5	2067.1	1241.5	769.5	297.5	208.3	118.9	107.0	95.1	94.3
62.5°	3161.1	2830.0	2009.9	1189.7	725.0	260.4	183.1	105.8	96.9	87.8	85.9
65°	3077.2	2633.8	1849.7	1065.5	650.0	234.5	167.2	99.9	89.9	79.9	77.8
67.5°	2911.7	2354.6	1622.7	890.8	554.7	218.6	158.1	97.6	85.5	73.3	70.8
70°	2614.8	2018.4	1361.2	703.9	456.4	208.8	152.1	95.5	80.8	65.9	63.7
72.5°	2147.7	1618.3	1087.0	555.6	381.6	207.6	151.4	95.3	76.9	58.6	56.5
75°	1537.7	1229.2	829.8	430.2	312.5	194.8	143.7	92.7	71.7	50.5	48.6
77.5°	1034.8	850.8	576.7	302.5	231.9	161.2	120.8	80.4	61.4	42.3	40.4
80°	664.5	588.8	386.5	184.1	150.4	116.6	86.4	56.1	44.8	33.2	31.7
82.5°	487.6	438.2	268.6	99.0	83.6	68.0	52.8	37.6	30.6	23.6	22.9
85°	309.9	341.7	197.8	53.9	44.1	34.3	28.3	22.4	17.7	12.9	12.9
87.5°	60.2	83.2	54.7	26.1	19.1	12.1	10.3	8.4	4.7	0.9	1.0
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



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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°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1256.3	1244.3	1232.2	1218.5	1204.7	1192.0	1179.0	1164.9	1167.5	1156.6	1145.8
5°	1045.8	1026.5	1007.1	990.3	973.5	959.0	944.3	931.2	942.6	934.9	927.2
7.5°	808.3	784.5	760.5	740.4	720.3	704.8	689.0	678.2	689.4	688.0	686.6
10°	676.1	653.0	629.7	607.5	585.3	566.4	547.4	531.3	528.5	520.4	512.2
12.5°	618.7	587.1	555.2	532.0	508.7	486.2	463.6	444.7	436.1	422.9	409.4
15°	549.3	511.9	474.4	448.0	421.5	399.6	377.6	361.3	355.9	345.6	335.2
17.5°	457.8	416.9	376.0	349.2	322.3	304.8	287.1	276.3	276.3	273.3	270.4
20°	350.3	313.7	277.2	256.7	236.3	227.0	217.5	213.0	214.4	214.6	214.6
22.5°	256.9	234.5	212.1	203.9	195.5	192.2	188.9	186.9	187.6	187.8	188.0
25°	202.3	193.8	185.0	180.8	176.5	174.4	172.3	171.6	173.1	173.3	173.3
27.5°	177.7	172.4	167.0	164.4	161.6	160.7	159.8	158.6	160.2	160.2	160.0
30°	165.3	159.7	154.1	150.7	147.4	147.8	147.9	147.6	148.6	149.3	149.9
32.5°	155.1	149.7	144.3	141.0	137.5	136.9	136.4	136.1	138.3	139.6	140.8
35°	146.0	140.1	134.1	131.0	127.8	126.6	125.4	124.5	126.6	128.2	129.8
37.5°	139.9	133.8	127.5	124.5	121.4	119.8	118.2	117.2	118.0	118.7	119.4
40°	135.0	128.7	122.2	118.7	115.2	113.7	112.1	111.2	111.7	111.9	112.1
42.5°	130.5	124.3	118.2	114.4	110.3	108.4	106.5	105.5	105.8	106.2	106.3
45°	127.1	121.0	114.7	110.2	105.5	103.4	101.3	100.0	100.2	100.2	100.2
47.5°	130.3	121.4	112.3	107.0	101.6	99.2	96.7	95.5	95.1	94.8	94.4
50°	141.8	126.6	111.2	104.6	97.8	95.1	92.3	90.9	90.1	89.7	89.4
52.5°	138.5	125.4	112.1	103.5	94.8	91.6	88.5	86.2	85.3	84.8	84.3
55°	126.8	118.6	110.2	99.9	89.5	86.7	83.8	82.2	80.6	80.3	79.9
57.5°	111.4	108.1	104.8	94.3	83.8	81.1	78.3	77.3	75.9	75.9	75.7
60°	93.2	98.1	103.0	90.9	78.7	75.7	72.7	71.9	71.4	71.2	71.0
62.5°	83.8	91.8	99.7	86.9	74.0	70.8	67.7	66.6	66.5	66.6	66.6
65°	75.7	78.2	80.6	74.7	68.7	65.6	62.3	61.2	61.6	62.1	62.6
67.5°	68.4	67.9	67.3	65.2	63.0	60.3	57.5	56.5	56.7	57.4	58.1
70°	61.4	60.7	59.8	58.2	56.7	54.4	52.1	51.4	51.2	52.1	52.8
72.5°	54.4	53.5	52.5	51.2	49.8	47.9	46.0	45.5	45.6	46.2	46.7
75°	46.7	46.0	45.1	44.1	42.8	41.1	39.3	39.0	39.3	39.9	40.4
77.5°	38.3	38.1	37.8	36.9	36.0	34.1	32.0	31.8	32.4	32.9	33.2
80°	29.9	30.1	30.3	29.6	28.9	26.8	24.5	24.3	24.8	25.4	25.9
82.5°	22.0	22.6	22.9	22.0	21.2	18.7	16.3	15.9	17.7	18.2	18.7
85°	12.8	13.5	14.2	13.5	12.8	10.3	7.9	7.7	9.3	10.1	11.0
87.5°	1.0	1.4	1.7	1.6	1.4	0.7	0.0	0.0	0.2	0.9	1.6
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



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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: P385553
 CATALOG NUMBER: GAW-SA1A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1139.0	1132.2	1130.1	1128.0	1120.3	1112.4	1120.4	1128.3	1131.6	1135.0	1126.4
5°	926.2	924.9	924.9	924.8	917.8	910.6	916.0	921.3	909.5	897.8	896.6
7.5°	694.1	701.6	707.7	713.7	711.4	709.1	714.2	719.3	704.4	689.4	682.0
10°	514.0	515.5	522.2	528.8	530.4	531.8	538.1	544.2	532.7	521.1	516.1
12.5°	401.0	392.6	393.5	394.2	397.3	400.3	406.9	413.4	408.7	403.8	404.3
15°	324.7	314.1	309.7	305.2	308.7	312.2	316.9	321.4	321.6	321.6	326.1
17.5°	265.1	259.7	255.3	250.8	255.5	260.0	260.6	261.1	261.3	261.4	261.1
20°	217.2	219.8	218.4	217.0	218.8	220.3	221.7	223.0	221.4	219.6	215.3
22.5°	190.4	192.7	194.5	196.0	199.0	201.8	200.4	198.8	195.7	192.4	189.0
25°	174.9	176.5	178.2	179.9	182.4	184.7	182.2	179.8	177.5	175.2	173.0
27.5°	161.8	163.3	164.9	166.3	168.6	170.7	168.4	166.1	164.2	162.3	160.5
30°	151.1	152.1	153.4	154.6	156.7	158.6	156.7	154.6	153.2	151.6	150.4
32.5°	142.0	143.1	143.6	144.1	146.0	147.9	146.5	145.1	143.9	142.7	141.8
35°	132.0	134.1	134.5	134.8	136.8	138.7	137.8	136.8	135.4	134.0	132.4
37.5°	121.9	124.3	125.7	127.0	128.9	130.8	129.9	129.1	127.1	125.2	122.4
40°	113.3	114.4	117.0	119.4	122.6	125.6	123.8	121.9	118.9	115.9	114.5
42.5°	106.2	106.0	108.4	110.9	115.6	120.1	117.0	113.8	111.0	108.2	107.9
45°	99.9	99.3	100.6	101.8	106.9	111.7	108.6	105.3	103.7	102.1	102.1
47.5°	94.3	93.9	94.8	95.5	98.6	101.6	100.0	98.5	97.6	96.7	96.9
50°	89.2	88.8	89.7	90.4	91.6	92.7	93.0	93.2	92.7	92.2	92.5
52.5°	84.5	84.5	84.8	85.0	86.6	88.1	88.1	88.0	88.0	88.0	88.3
55°	80.4	80.8	80.8	80.8	83.2	85.5	84.8	84.1	84.3	84.3	84.6
57.5°	76.4	76.9	77.3	77.6	80.1	82.5	81.8	81.1	81.1	81.1	81.3
60°	71.9	72.6	73.3	74.0	76.4	78.9	78.2	77.3	77.5	77.6	77.8
62.5°	67.5	68.2	68.9	69.6	72.0	74.5	73.8	72.9	73.4	73.8	73.8
65°	63.3	63.8	64.5	65.2	67.5	69.8	69.1	68.4	69.1	69.6	70.0
67.5°	58.6	58.9	59.6	60.3	62.6	64.9	64.2	63.3	64.2	64.9	65.6
70°	53.2	53.5	54.4	55.1	57.4	59.6	58.8	57.9	58.8	59.6	60.3
72.5°	47.2	47.6	48.4	49.1	51.8	54.4	53.3	52.3	53.3	54.4	54.7
75°	40.7	41.1	42.1	43.0	45.6	48.3	47.4	46.3	47.2	48.1	48.3
77.5°	33.8	34.3	35.7	37.1	39.2	41.3	40.7	40.2	40.7	41.3	41.3
80°	26.4	26.9	28.7	30.3	31.5	32.7	32.9	33.1	33.2	33.4	33.2
82.5°	19.6	20.3	21.9	23.4	23.4	23.4	24.8	26.1	26.1	25.9	25.7
85°	12.1	12.9	14.3	15.7	14.9	14.0	16.3	18.4	18.4	18.2	17.8
87.5°	2.4	3.3	4.7	5.9	5.1	4.2	6.5	8.7	8.9	8.9	8.6
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



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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: P385553
 CATALOG NUMBER: GAW-SA1A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1117.6	1131.3	1144.8	1148.2	1153.5	1155.8	1157.9	1175.0	1192.0	1211.9	1231.8
5°	895.2	905.3	915.5	917.1	922.5	925.3	928.1	948.9	969.5	997.3	1025.1
7.5°	674.7	677.1	679.6	679.2	683.8	689.9	695.8	718.0	740.1	770.0	799.7
10°	511.0	516.6	522.0	527.1	537.0	548.6	560.0	582.7	605.4	635.0	664.4
12.5°	404.8	411.3	417.6	423.2	434.7	450.1	465.4	492.6	519.9	555.2	590.4
15°	330.5	330.0	329.5	333.3	343.5	360.2	376.9	405.7	434.6	473.4	512.0
17.5°	260.7	258.1	255.5	258.5	267.9	281.7	295.4	319.9	344.2	381.8	419.4
20°	210.9	209.2	207.4	210.2	216.1	221.9	227.7	245.4	262.8	293.4	323.9
22.5°	185.5	185.4	185.0	186.6	189.4	192.4	195.2	203.7	212.1	231.9	251.5
25°	170.7	170.5	170.3	171.0	173.3	175.6	177.9	183.4	189.0	198.5	207.9
27.5°	158.8	158.4	158.1	158.3	158.8	162.3	165.6	168.2	170.7	177.2	183.4
30°	149.2	149.0	148.8	148.8	148.3	149.5	150.7	154.8	158.6	165.3	171.9
32.5°	141.0	140.1	139.2	137.3	136.1	137.8	139.6	143.7	147.9	154.1	160.2
35°	130.6	128.4	125.9	124.9	125.0	126.8	128.5	132.7	136.8	143.4	149.9
37.5°	119.4	118.7	117.9	117.7	118.2	120.0	121.7	125.4	128.9	135.5	142.0
40°	113.1	112.8	112.4	112.1	112.4	114.2	115.9	119.4	122.8	129.2	135.5
42.5°	107.5	107.4	107.2	107.2	107.4	109.3	111.2	114.7	118.0	123.8	129.6
45°	102.1	102.3	102.3	102.7	103.2	105.1	106.9	110.7	114.5	120.1	125.7
47.5°	97.1	97.6	97.9	98.8	99.3	101.4	103.4	107.5	111.7	118.7	125.6
50°	92.7	93.2	93.6	94.3	95.7	98.1	100.6	105.6	110.5	122.2	133.8
52.5°	88.7	89.2	89.7	90.4	92.2	95.0	97.8	104.1	110.2	123.8	137.5
55°	85.0	85.5	85.9	86.9	88.7	91.1	93.4	101.1	108.8	118.7	128.7
57.5°	81.5	82.0	82.4	83.1	83.9	86.6	89.0	97.2	105.5	112.4	119.3
60°	77.8	78.2	78.3	78.3	79.0	82.0	85.0	95.5	105.8	104.6	103.2
62.5°	73.8	74.1	74.3	73.8	74.7	77.8	81.0	94.6	108.2	99.9	91.5
65°	70.1	70.0	69.8	69.3	70.3	73.4	76.4	83.2	90.1	86.7	83.4
67.5°	66.1	65.6	65.1	64.4	65.4	68.2	70.8	73.1	75.4	75.7	76.1
70°	61.0	60.3	59.6	59.5	60.0	62.3	64.5	66.1	67.5	68.2	68.7
72.5°	55.1	54.6	54.0	53.7	53.9	55.8	57.5	58.9	60.3	60.9	61.2
75°	48.4	48.4	48.3	47.2	47.2	48.8	50.2	51.4	52.6	53.3	54.0
77.5°	41.3	41.4	41.4	40.0	39.9	41.4	42.8	43.9	44.8	45.5	46.0
80°	33.1	32.7	32.4	31.5	31.1	33.1	34.8	35.7	36.4	36.5	36.5
82.5°	25.4	24.7	23.8	21.9	22.0	24.1	26.1	26.8	27.5	27.5	27.5
85°	17.3	15.9	14.3	12.8	12.9	15.2	17.3	18.0	18.7	19.1	19.2
87.5°	8.2	6.8	5.2	4.0	4.0	5.9	7.7	8.0	8.4	9.1	9.8
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: P385553
 CATALOG NUMBER: GAW-SA1A-760-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: P385553
 CATALOG NUMBER: GAW-SA1A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1247.1	1262.1	1277.7	1293.2	1311.1	1328.9	1349.7	1370.3	1388.0	1405.7	1420.4
5°	1049.1	1073.1	1101.2	1129.4	1165.2	1201.1	1245.0	1288.7	1327.7	1366.7	1412.0
7.5°	831.0	862.1	898.9	935.6	981.9	1028.3	1085.1	1142.0	1197.0	1252.0	1321.6
10°	697.1	729.8	766.0	802.0	849.2	896.2	956.4	1016.4	1078.3	1140.0	1218.7
12.5°	626.8	663.0	694.8	726.6	764.9	803.0	861.3	919.5	992.3	1064.8	1140.6
15°	551.7	591.3	629.4	667.5	709.3	750.9	807.6	864.2	943.8	1023.4	1110.5
17.5°	461.0	502.6	549.1	595.5	650.0	704.4	777.0	849.6	943.8	1037.9	1140.6
20°	366.4	408.9	464.5	520.1	587.9	655.6	749.7	843.8	970.7	1097.5	1228.5
22.5°	289.1	326.5	387.2	447.7	526.0	604.4	725.0	845.5	1011.5	1177.3	1354.1
25°	234.3	260.7	320.4	379.8	470.2	560.7	710.0	859.2	1070.8	1282.2	1501.5
27.5°	200.8	218.1	273.7	329.1	427.9	526.6	703.9	881.0	1146.0	1410.9	1661.9
30°	184.0	196.0	243.1	289.9	390.3	490.7	696.5	902.4	1218.4	1534.2	1787.3
32.5°	170.0	179.6	219.8	259.9	357.8	455.7	682.4	908.8	1268.9	1629.0	1893.4
35°	158.1	166.1	201.1	236.1	332.3	428.5	658.6	888.7	1300.6	1712.4	2003.9
37.5°	148.5	154.8	187.1	219.5	310.2	401.0	631.5	862.0	1328.7	1795.5	2128.3
40°	141.0	146.4	176.6	206.9	289.2	371.6	608.2	844.7	1367.5	1890.4	2259.6
42.5°	136.8	143.7	167.5	191.1	269.3	347.5	589.5	831.5	1403.6	1975.4	2374.5
45°	135.7	145.7	162.8	179.9	254.4	328.9	572.9	816.7	1426.8	2037.0	2461.1
47.5°	134.0	142.2	159.1	176.1	247.1	317.9	564.0	809.9	1450.1	2090.1	2532.9
50°	135.0	136.1	156.2	176.1	246.1	316.0	574.1	832.2	1500.5	2168.5	2615.1
52.5°	133.1	128.5	150.6	172.6	245.9	319.2	603.3	887.5	1594.0	2300.3	2704.1
55°	122.9	117.0	140.1	163.2	242.2	321.1	638.1	955.0	1719.6	2484.0	2864.1
57.5°	114.0	108.6	128.2	147.6	231.0	314.4	674.0	1033.4	1852.3	2671.1	3044.4
60°	102.1	100.9	114.9	128.9	213.7	298.3	703.5	1108.6	1941.5	2774.3	3113.9
62.5°	92.3	93.0	103.4	113.7	192.0	270.2	713.3	1156.3	1939.0	2721.8	3043.9
65°	84.8	86.0	96.2	106.3	173.5	240.6	681.1	1121.5	1840.9	2560.2	2905.6
67.5°	77.5	78.9	90.9	102.8	157.0	211.1	600.7	990.2	1664.5	2338.6	2729.7
70°	70.5	72.2	85.3	98.5	145.1	191.7	497.0	802.3	1443.6	2084.7	2525.9
72.5°	63.0	64.7	78.7	92.7	137.6	182.4	405.2	627.8	1171.5	1715.0	2160.6
75°	55.3	56.5	71.7	86.7	127.3	167.9	317.9	467.8	896.6	1325.4	1632.0
77.5°	47.6	49.1	61.9	74.5	108.1	141.5	239.6	337.7	657.9	977.9	1135.0
80°	37.9	39.3	48.4	57.4	83.4	109.3	164.7	220.2	452.8	685.3	773.8
82.5°	29.0	30.6	36.7	42.7	59.5	76.2	99.9	123.5	300.8	477.9	485.3
85°	19.9	20.5	24.8	29.0	36.7	44.4	57.2	70.0	199.0	328.1	273.3
87.5°	10.0	10.0	12.9	15.9	19.8	23.6	30.3	36.7	63.7	90.6	52.1
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: P385553
 CATALOG NUMBER: GAW-SA1A-760-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: P385553

CATALOG NUMBER: GAW-SA1A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1439.1	1451.8	1464.8	1474.6	1484.5	1498.9	1513.2	1515.8	1518.6	1513.0	1507.4
5°	1457.6	1496.3	1535.1	1570.9	1606.8	1628.3	1649.8	1654.2	1658.5	1645.1	1631.4
7.5°	1388.9	1456.2	1523.5	1585.3	1647.0	1684.4	1722.0	1730.4	1739.0	1717.0	1694.9
10°	1297.1	1379.8	1462.5	1543.8	1625.1	1679.5	1733.9	1744.8	1755.6	1728.1	1700.7
12.5°	1226.1	1314.4	1402.7	1488.4	1574.3	1630.6	1686.9	1700.3	1713.8	1693.9	1673.8
15°	1204.2	1287.3	1370.3	1445.0	1519.9	1565.9	1612.0	1617.4	1623.0	1619.9	1616.7
17.5°	1243.9	1318.9	1394.1	1434.7	1475.4	1493.8	1512.3	1518.3	1524.4	1532.3	1540.3
20°	1340.1	1392.9	1445.9	1444.1	1442.2	1433.3	1424.2	1422.6	1421.1	1443.6	1466.4
22.5°	1483.7	1504.6	1525.8	1476.7	1427.5	1397.6	1367.5	1361.6	1355.5	1379.4	1403.6
25°	1639.5	1635.6	1631.6	1538.1	1444.3	1387.3	1330.3	1323.7	1317.0	1337.5	1358.1
27.5°	1793.7	1768.5	1743.4	1616.2	1489.1	1406.4	1323.7	1317.0	1310.4	1328.5	1346.7
30°	1906.9	1866.5	1826.1	1682.2	1538.2	1439.9	1341.7	1330.8	1319.8	1342.2	1364.6
32.5°	1995.2	1941.0	1886.8	1735.7	1584.6	1478.2	1371.9	1355.0	1338.0	1367.9	1397.8
35°	2083.3	2007.1	1930.7	1783.4	1636.0	1523.5	1410.9	1390.1	1369.3	1410.4	1451.5
37.5°	2194.2	2084.7	1975.1	1837.1	1699.1	1591.4	1483.5	1462.2	1440.8	1493.1	1545.6
40°	2314.5	2168.5	2022.5	1895.9	1769.2	1685.3	1601.2	1580.9	1560.4	1624.1	1687.7
42.5°	2414.5	2246.5	2078.4	1966.7	1854.8	1795.6	1736.4	1736.2	1735.8	1800.4	1864.9
45°	2495.9	2311.5	2127.0	2035.8	1944.3	1913.5	1882.7	1907.4	1932.1	1990.3	2048.7
47.5°	2556.5	2366.1	2175.5	2114.8	2054.1	2058.7	2063.2	2113.4	2163.6	2201.0	2238.6
50°	2596.1	2415.6	2234.9	2216.2	2197.5	2238.3	2279.2	2336.7	2394.4	2420.0	2445.5
52.5°	2653.6	2482.7	2311.7	2332.7	2353.7	2436.9	2520.2	2578.4	2636.6	2646.1	2655.7
55°	2786.7	2606.2	2425.6	2465.8	2506.2	2628.2	2750.5	2795.9	2841.4	2844.9	2848.4
57.5°	2975.7	2779.2	2582.6	2626.0	2669.3	2810.3	2951.4	3000.4	3049.5	3042.7	3035.7
60°	3117.2	2943.4	2769.4	2813.1	2856.8	2994.3	3131.7	3188.0	3244.5	3229.5	3214.4
62.5°	3125.9	3033.1	2940.0	2979.6	3019.3	3153.9	3288.6	3346.5	3404.3	3378.1	3351.9
65°	2986.9	3028.5	3070.2	3083.3	3096.4	3221.9	3347.7	3391.9	3436.4	3423.1	3409.8
67.5°	2795.4	2948.8	3102.3	3075.9	3049.5	3108.5	3167.4	3213.0	3258.7	3251.2	3243.5
70°	2604.3	2809.1	3013.8	2884.1	2754.2	2729.8	2705.5	2754.7	2804.0	2773.6	2743.0
72.5°	2278.8	2497.1	2715.5	2476.4	2237.4	2154.3	2071.3	2133.7	2196.1	2147.7	2099.1
75°	1788.8	2030.0	2271.3	1986.1	1700.9	1590.0	1479.1	1532.8	1586.5	1553.3	1519.9
77.5°	1331.7	1569.4	1807.0	1517.1	1226.9	1144.6	1062.0	1077.9	1094.0	1088.4	1082.7
80°	903.2	1068.9	1234.6	1041.6	848.5	854.8	861.3	853.8	846.1	857.3	868.4
82.5°	576.4	704.2	832.2	729.8	627.3	686.0	744.8	716.0	686.9	697.6	708.4
85°	328.9	454.0	579.2	539.8	500.3	534.6	569.1	524.3	479.5	499.1	518.9
87.5°	86.7	251.1	415.7	377.4	339.1	294.7	250.3	191.0	131.7	192.4	253.0
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: P385553
 CATALOG NUMBER: GAW-SA1A-760-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°	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6	1332.6
2.5°	1504.5	1501.5	1490.8	1480.0	1463.9	1450.6	1427.5
5°	1612.5	1593.7	1561.1	1528.4	1492.1	1450.3	1403.9
7.5°	1650.8	1606.6	1544.2	1481.6	1425.3	1359.2	1297.6
10°	1634.6	1568.3	1487.2	1405.8	1337.5	1261.4	1193.0
12.5°	1603.5	1533.0	1443.6	1354.1	1276.3	1194.6	1118.0
15°	1560.6	1504.3	1420.5	1336.8	1258.4	1179.0	1088.3
17.5°	1513.7	1487.0	1426.5	1365.8	1297.9	1221.0	1114.5
20°	1476.0	1485.8	1461.6	1437.5	1383.1	1316.0	1196.3
22.5°	1450.4	1497.5	1516.0	1534.7	1502.0	1449.6	1311.2
25°	1436.1	1514.1	1576.2	1638.4	1623.9	1583.5	1450.8
27.5°	1442.4	1538.1	1634.4	1730.9	1744.4	1733.2	1597.9
30°	1461.3	1558.2	1675.5	1793.0	1846.7	1861.7	1720.4
32.5°	1492.8	1587.7	1715.6	1843.6	1924.7	1972.6	1832.5
35°	1540.3	1629.2	1762.4	1895.7	2000.6	2088.0	1948.3
37.5°	1622.0	1698.4	1821.4	1944.5	2080.5	2211.9	2075.8
40°	1741.6	1795.6	1899.5	2003.6	2174.8	2352.1	2218.0
42.5°	1892.5	1920.3	2002.7	2085.1	2273.2	2479.4	2357.0
45°	2056.0	2063.4	2115.1	2167.1	2351.2	2566.2	2461.4
47.5°	2213.4	2188.2	2208.9	2229.5	2411.0	2628.1	2540.6
50°	2375.4	2305.2	2294.4	2283.6	2470.8	2701.0	2641.4
52.5°	2540.1	2424.5	2381.7	2338.6	2542.2	2797.7	2766.7
55°	2701.3	2554.3	2496.6	2438.8	2651.3	2915.7	2950.9
57.5°	2869.0	2702.4	2648.9	2595.4	2811.7	3065.3	3116.1
60°	3049.5	2884.4	2841.6	2798.6	3011.0	3226.8	3189.8
62.5°	3220.7	3089.6	3067.0	3044.3	3212.7	3351.0	3161.1
65°	3335.1	3260.2	3281.2	3302.4	3365.2	3382.0	3077.2
67.5°	3258.7	3273.9	3362.6	3451.4	3408.2	3290.0	2911.7
70°	2834.1	2925.4	3135.4	3345.6	3249.8	3043.6	2614.8
72.5°	2201.5	2304.2	2616.0	2928.0	2839.7	2587.1	2147.7
75°	1635.6	1751.6	2095.7	2439.9	2317.3	1935.2	1537.7
77.5°	1160.3	1238.0	1577.7	1917.7	1717.8	1288.2	1034.8
80°	844.7	820.9	1010.3	1199.7	1166.4	852.0	664.5
82.5°	650.4	592.3	681.5	770.7	765.8	591.3	487.6
85°	495.6	472.3	551.2	630.1	562.6	400.5	309.9
87.5°	288.9	324.9	417.8	510.8	383.3	121.5	60.2
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)