

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: P385469

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385469
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GAW-SA1A-730-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 3000K, 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: 3983 lumens
Efficiency: N/A
Efficacy: 117.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type 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

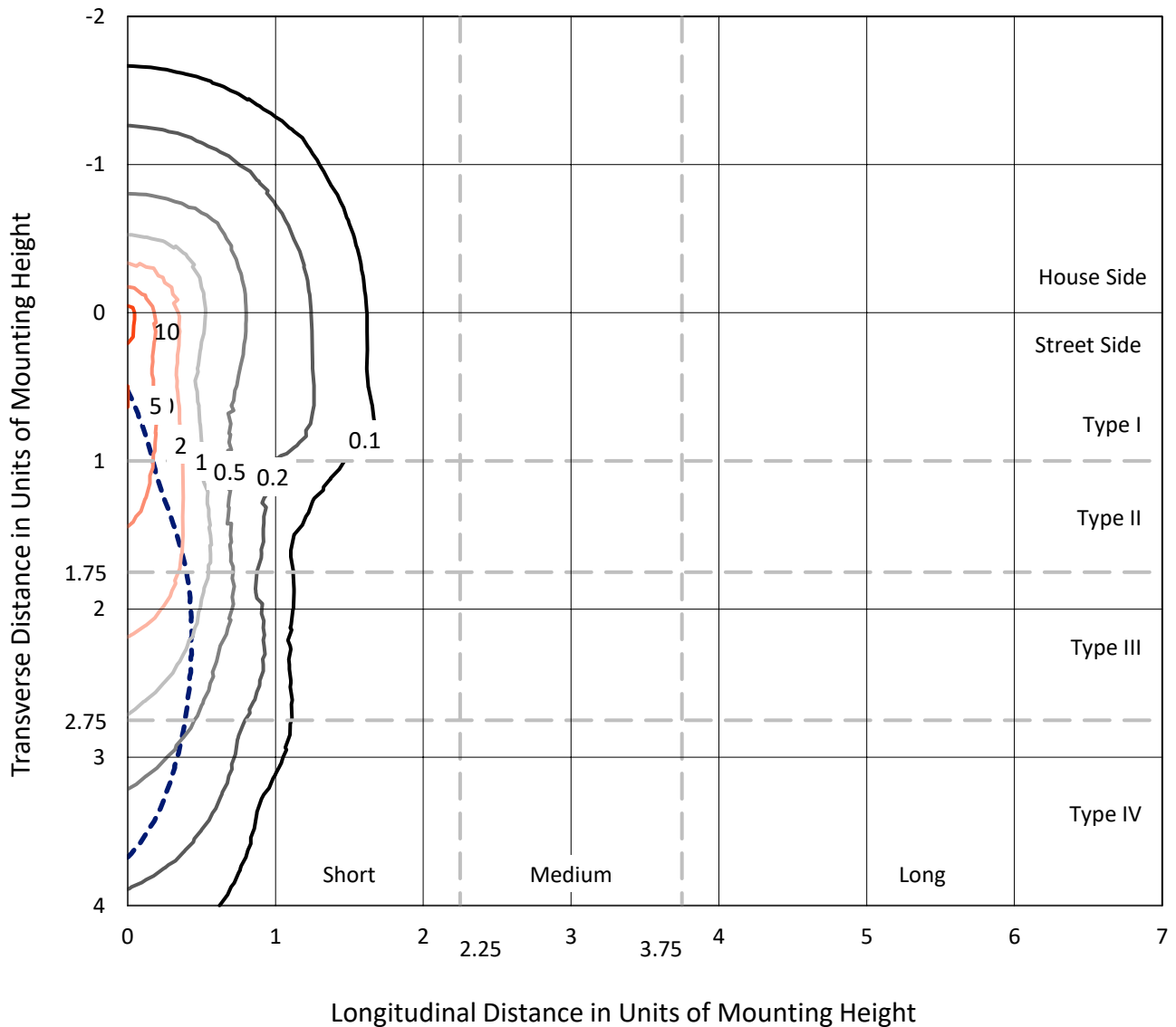




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Iso-Footcandle Lines of Horizontal Illumination

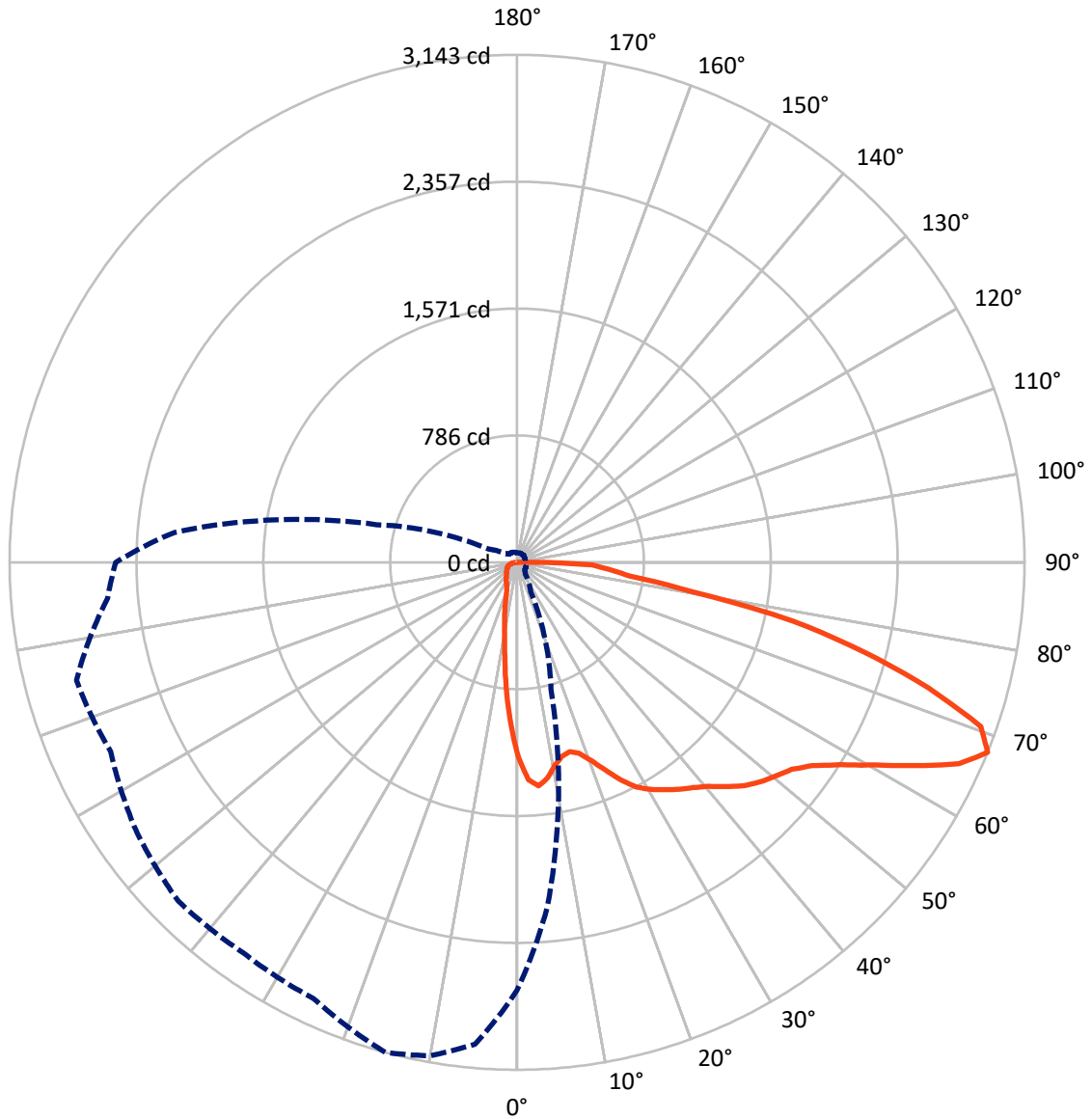
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.1 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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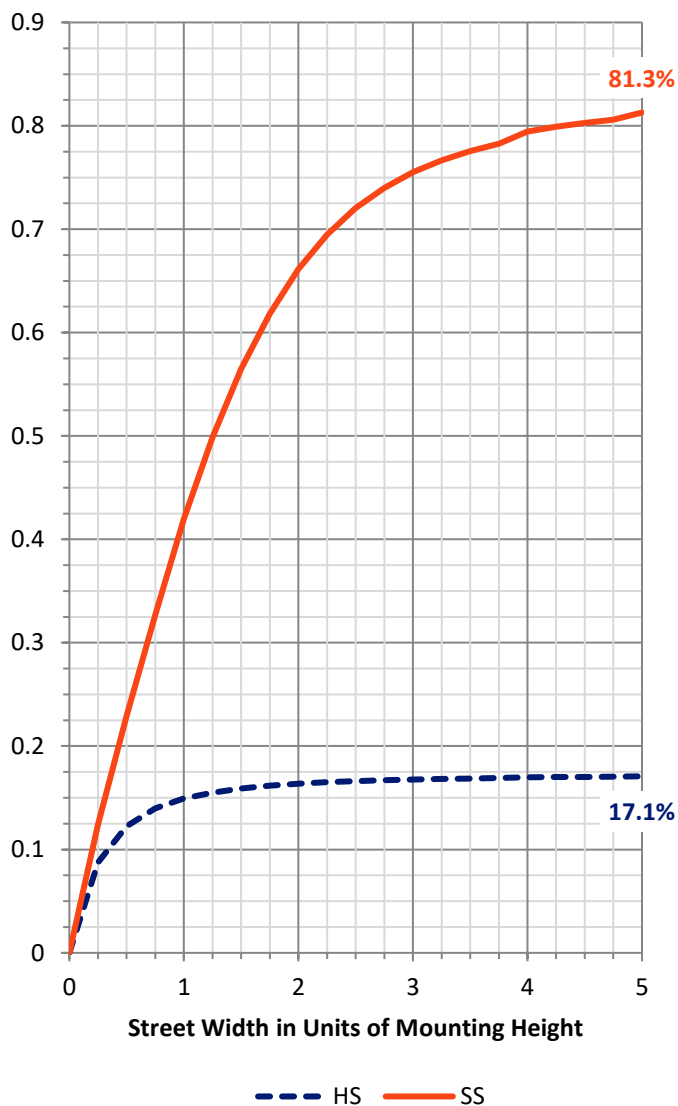
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	688.6	0.0	688.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	3294.4	0.0	3294.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	3983.0	0.0	3983.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.7	2.4
10°-20°	194.5	4.9
20°-30°	276.7	6.9
30°-40°	398.7	10.0
40°-50°	561.9	14.1
50°-60°	781.1	19.6
60°-70°	944.6	23.7
70°-80°	580.6	14.6
80°-90°	151.1	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	3983.0	100.0
0°-180°	3983.0	100.0

Coefficient of Utilization

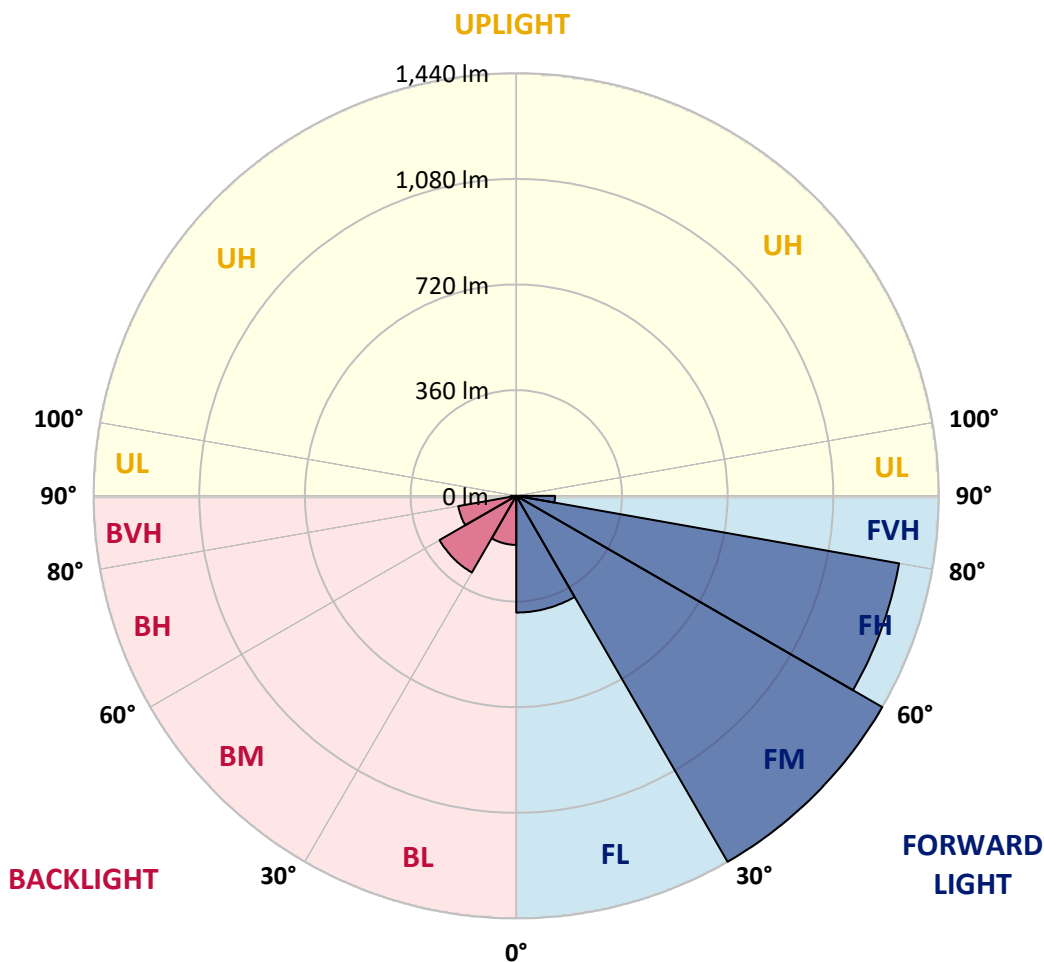


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	397.7	10.0			
FM (30°-60°)	1440.0	36.2			
FH (60°-80°)	1324.6	33.3			G1/1800
FVH (80°-90°)	132.1	3.3			G2/225
BL (0°-30°)	167.2	4.2	B1/500		
BM (30°-60°)	301.8	7.6	B1/1000		
BH (60°-80°)	200.7	5.0	B1/500		G1/500
BVH (80°-90°)	18.9	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°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1299.9	1288.5	1271.1	1253.7	1240.8	1227.8	1213.0	1198.2	1181.3	1164.2	1154.2
5°	1278.4	1246.6	1205.2	1163.8	1136.4	1109.0	1077.9	1046.9	1016.1	985.4	968.8
7.5°	1181.6	1133.8	1080.0	1026.2	986.4	946.4	903.4	860.2	822.0	783.6	759.9
10°	1086.4	1029.0	967.3	905.3	854.4	803.4	760.2	716.9	688.1	659.3	637.5
12.5°	1018.1	954.5	886.5	818.4	767.4	716.4	689.1	661.7	637.8	613.9	588.7
15°	991.0	919.2	849.6	779.8	733.5	687.1	656.7	626.2	594.1	562.0	531.1
17.5°	1014.9	930.8	855.1	779.5	718.8	658.2	615.6	573.0	530.8	488.6	452.7
20°	1089.4	982.1	883.2	784.1	703.4	622.6	565.6	508.5	454.3	400.2	359.6
22.5°	1194.0	1052.0	922.8	793.7	689.4	584.9	513.4	441.7	377.7	313.7	273.9
25°	1321.1	1144.7	980.0	815.2	683.6	551.9	464.0	376.1	308.6	240.9	212.6
27.5°	1455.0	1255.2	1051.0	846.7	684.6	522.5	422.5	322.3	261.5	200.6	181.2
30°	1566.7	1381.5	1133.8	886.0	688.3	490.5	383.3	276.1	226.0	175.8	163.2
32.5°	1668.7	1469.5	1196.3	922.8	692.4	461.8	353.0	244.1	203.2	162.1	151.8
35°	1774.2	1547.7	1239.9	931.9	685.2	438.4	332.3	226.3	188.5	150.6	141.9
37.5°	1890.2	1632.3	1281.9	931.4	673.1	414.8	316.3	217.5	179.0	140.3	133.9
40°	2019.7	1725.7	1327.5	929.2	662.1	394.9	304.3	213.5	173.7	133.8	128.4
42.5°	2146.3	1814.9	1369.8	924.7	653.2	381.6	292.5	203.5	169.0	134.2	126.6
45°	2241.4	1892.8	1406.6	920.3	646.5	372.8	283.3	193.8	164.5	135.2	125.5
47.5°	2313.5	1971.0	1447.4	923.6	645.9	368.2	276.8	185.4	156.1	126.6	122.6
50°	2405.2	2064.9	1506.8	948.6	654.7	360.7	269.1	177.4	147.9	118.5	123.9
52.5°	2519.4	2199.0	1598.8	998.5	673.0	347.5	257.0	166.6	138.1	109.4	117.8
55°	2687.1	2370.8	1716.5	1062.0	695.1	328.0	238.7	149.2	125.0	100.6	108.1
57.5°	2837.6	2544.4	1829.4	1114.2	709.0	303.5	215.6	127.7	110.4	93.0	97.3
60°	2904.6	2633.9	1882.3	1130.5	700.7	270.9	189.7	108.3	97.5	86.6	85.8
62.5°	2878.5	2577.1	1830.2	1083.3	660.2	237.1	166.7	96.3	88.2	79.9	78.2
65°	2802.1	2398.4	1684.3	970.3	591.9	213.5	152.2	90.9	81.9	72.8	70.9
67.5°	2651.4	2144.1	1477.6	811.2	505.1	199.1	144.0	88.9	77.9	66.7	64.5
70°	2381.0	1838.0	1239.6	641.0	415.6	190.1	138.5	86.9	73.6	60.0	58.0
72.5°	1955.7	1473.7	989.9	505.9	347.5	189.0	137.9	86.8	70.1	53.3	51.4
75°	1400.2	1119.3	755.6	391.7	284.6	177.4	130.9	84.4	65.3	46.0	44.3
77.5°	942.3	774.7	525.2	275.5	211.2	146.8	110.0	73.3	55.9	38.5	36.8
80°	605.1	536.2	351.9	167.7	137.0	106.2	78.7	51.1	40.8	30.3	28.8
82.5°	444.0	399.1	244.6	90.1	76.1	61.9	48.1	34.2	27.9	21.5	20.9
85°	282.2	311.2	180.1	49.0	40.1	31.2	25.8	20.4	16.1	11.8	11.8
87.5°	54.8	75.8	49.8	23.7	17.4	11.0	9.4	7.6	4.3	0.8	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°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1144.0	1133.0	1122.0	1109.6	1097.0	1085.4	1073.6	1060.7	1063.1	1053.2	1043.4
5°	952.3	934.8	917.1	901.8	886.5	873.3	859.9	848.0	858.3	851.3	844.3
7.5°	736.0	714.4	692.6	674.2	655.9	641.8	627.4	617.6	627.7	626.5	625.2
10°	615.6	594.6	573.4	553.2	533.0	515.8	498.4	483.8	481.2	473.9	466.4
12.5°	563.4	534.6	505.6	484.4	463.2	442.7	422.2	405.0	397.2	385.1	372.8
15°	500.2	466.1	432.0	408.0	383.8	363.9	343.8	329.0	324.1	314.7	305.3
17.5°	416.9	379.6	342.4	318.0	293.5	277.6	261.5	251.6	251.6	248.9	246.2
20°	319.0	285.7	252.4	233.8	215.1	206.7	198.1	194.0	195.2	195.4	195.4
22.5°	233.9	213.5	193.2	185.7	178.0	175.0	172.0	170.2	170.9	171.0	171.2
25°	184.2	176.4	168.5	164.7	160.7	158.8	156.9	156.2	157.7	157.8	157.8
27.5°	161.8	157.0	152.1	149.7	147.1	146.3	145.6	144.4	145.9	145.9	145.7
30°	150.5	145.4	140.3	137.3	134.2	134.6	134.7	134.4	135.4	136.0	136.5
32.5°	141.3	136.3	131.4	128.4	125.2	124.7	124.2	123.9	126.0	127.1	128.2
35°	133.0	127.6	122.1	119.3	116.4	115.3	114.2	113.4	115.3	116.7	118.2
37.5°	127.4	121.8	116.1	113.4	110.5	109.1	107.6	106.7	107.5	108.1	108.8
40°	122.9	117.2	111.3	108.1	104.9	103.5	102.1	101.3	101.8	101.9	102.1
42.5°	118.8	113.2	107.6	104.1	100.5	98.7	97.0	96.0	96.3	96.7	96.8
45°	115.8	110.2	104.5	100.3	96.0	94.1	92.2	91.1	91.2	91.2	91.2
47.5°	118.6	110.5	102.2	97.5	92.5	90.3	88.1	86.9	86.6	86.3	86.0
50°	129.1	115.3	101.3	95.2	89.0	86.6	84.1	82.8	82.0	81.7	81.4
52.5°	126.1	114.2	102.1	94.3	86.3	83.4	80.6	78.5	77.7	77.2	76.8
55°	115.5	108.0	100.3	90.9	81.5	79.0	76.3	74.8	73.4	73.1	72.8
57.5°	101.4	98.4	95.4	85.8	76.3	73.9	71.3	70.4	69.1	69.1	69.0
60°	84.9	89.3	93.8	82.8	71.7	69.0	66.2	65.4	65.0	64.8	64.7
62.5°	76.3	83.6	90.8	79.1	67.4	64.5	61.6	60.7	60.5	60.7	60.7
65°	69.0	71.2	73.4	68.0	62.6	59.7	56.7	55.7	56.1	56.5	57.0
67.5°	62.3	61.8	61.3	59.4	57.3	54.9	52.4	51.4	51.6	52.2	52.9
70°	55.9	55.3	54.5	53.0	51.6	49.5	47.5	46.8	46.7	47.5	48.1
72.5°	49.5	48.7	47.8	46.7	45.4	43.6	41.9	41.4	41.6	42.0	42.5
75°	42.5	41.9	41.1	40.1	39.0	37.4	35.8	35.5	35.8	36.3	36.8
77.5°	34.9	34.7	34.4	33.6	32.8	31.1	29.1	29.0	29.5	29.9	30.3
80°	27.2	27.4	27.5	26.9	26.3	24.4	22.3	22.1	22.6	23.1	23.6
82.5°	20.1	20.5	20.9	20.1	19.3	17.0	14.8	14.5	16.1	16.6	17.0
85°	11.6	12.3	12.9	12.3	11.6	9.4	7.2	7.0	8.4	9.2	10.0
87.5°	1.0	1.3	1.6	1.4	1.3	0.6	0.0	0.0	0.2	0.8	1.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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: P385469
 CATALOG NUMBER: GAW-SA1A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1037.2	1031.0	1029.0	1027.1	1020.1	1013.0	1020.3	1027.5	1030.5	1033.5	1025.7
5°	843.4	842.2	842.2	842.1	835.7	829.2	834.1	838.9	828.2	817.6	816.5
7.5°	632.0	638.9	644.5	649.9	647.8	645.7	650.4	655.0	641.4	627.7	621.1
10°	468.0	469.5	475.5	481.6	483.0	484.3	490.0	495.6	485.1	474.6	469.9
12.5°	365.1	357.5	358.3	358.9	361.8	364.5	370.6	376.5	372.2	367.7	368.2
15°	295.7	286.0	282.0	277.9	281.1	284.3	288.6	292.7	292.9	292.9	297.0
17.5°	241.4	236.5	232.5	228.4	232.7	236.8	237.3	237.8	237.9	238.1	237.8
20°	197.8	200.2	198.9	197.6	199.2	200.6	201.9	203.0	201.6	200.0	196.0
22.5°	173.4	175.5	177.1	178.5	181.2	183.8	182.5	181.1	178.2	175.2	172.1
25°	159.2	160.7	162.3	163.9	166.1	168.2	165.9	163.7	161.6	159.6	157.5
27.5°	147.3	148.7	150.2	151.4	153.5	155.4	153.4	151.3	149.5	147.8	146.2
30°	137.6	138.5	139.7	140.8	142.7	144.4	142.7	140.8	139.5	138.1	137.0
32.5°	129.3	130.3	130.7	131.2	133.0	134.7	133.4	132.2	131.1	129.9	129.1
35°	120.2	122.1	122.5	122.8	124.5	126.3	125.5	124.5	123.3	122.0	120.5
37.5°	111.0	113.2	114.5	115.6	117.4	119.1	118.3	117.5	115.8	114.0	111.5
40°	103.2	104.1	106.5	108.8	111.6	114.3	112.7	111.0	108.3	105.6	104.3
42.5°	96.7	96.5	98.7	101.0	105.3	109.4	106.5	103.7	101.1	98.6	98.3
45°	90.9	90.5	91.6	92.7	97.3	101.8	98.9	95.9	94.4	93.0	93.0
47.5°	85.8	85.5	86.3	86.9	89.8	92.5	91.1	89.7	88.9	88.1	88.2
50°	81.2	80.9	81.7	82.3	83.4	84.4	84.7	84.9	84.4	83.9	84.2
52.5°	76.9	76.9	77.2	77.4	78.8	80.3	80.3	80.1	80.1	80.1	80.4
55°	73.3	73.6	73.6	73.6	75.8	77.9	77.2	76.6	76.8	76.8	77.1
57.5°	69.6	70.1	70.4	70.7	72.9	75.2	74.5	73.9	73.9	73.9	74.0
60°	65.4	66.1	66.7	67.4	69.6	71.8	71.2	70.4	70.5	70.7	70.9
62.5°	61.5	62.1	62.7	63.4	65.6	67.8	67.2	66.4	66.9	67.2	67.2
65°	57.6	58.1	58.8	59.4	61.5	63.5	62.9	62.3	62.9	63.4	63.7
67.5°	53.3	53.7	54.3	54.9	57.0	59.1	58.4	57.6	58.4	59.1	59.7
70°	48.4	48.7	49.5	50.2	52.2	54.3	53.5	52.7	53.5	54.3	54.9
72.5°	43.0	43.3	44.1	44.7	47.1	49.5	48.6	47.6	48.6	49.5	49.8
75°	37.1	37.4	38.4	39.2	41.6	44.0	43.2	42.2	43.0	43.8	44.0
77.5°	30.7	31.2	32.5	33.8	35.7	37.6	37.1	36.6	37.1	37.6	37.6
80°	24.0	24.5	26.1	27.5	28.7	29.8	29.9	30.1	30.3	30.4	30.3
82.5°	17.8	18.5	19.9	21.3	21.3	21.3	22.6	23.7	23.7	23.6	23.4
85°	11.0	11.8	13.1	14.3	13.5	12.7	14.8	16.7	16.7	16.6	16.2
87.5°	2.2	3.0	4.3	5.4	4.6	3.8	5.9	8.0	8.1	8.1	7.8
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



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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: P385469

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1017.7	1030.2	1042.4	1045.6	1050.4	1052.5	1054.4	1070.0	1085.4	1103.6	1121.7
5°	815.2	824.4	833.6	835.1	840.0	842.6	845.1	864.1	882.9	908.2	933.5
7.5°	614.4	616.6	618.8	618.5	622.6	628.2	633.6	653.9	673.9	701.2	728.2
10°	465.3	470.4	475.3	480.0	489.0	499.6	509.9	530.6	551.3	578.2	605.0
12.5°	368.7	374.5	380.3	385.4	395.9	409.9	423.8	448.6	473.4	505.6	537.6
15°	301.0	300.5	300.0	303.5	312.8	328.0	343.2	369.4	395.7	431.1	466.3
17.5°	237.4	235.0	232.7	235.4	244.0	256.5	269.0	291.3	313.4	347.6	381.9
20°	192.0	190.5	188.9	191.4	196.8	202.1	207.3	223.4	239.3	267.2	294.9
22.5°	169.0	168.8	168.5	169.9	172.5	175.2	177.7	185.5	193.2	211.2	229.0
25°	155.4	155.3	155.1	155.7	157.8	159.9	162.0	167.0	172.1	180.7	189.3
27.5°	144.6	144.3	144.0	144.1	144.6	147.8	150.8	153.2	155.4	161.3	167.0
30°	135.8	135.7	135.5	135.5	135.0	136.2	137.3	140.9	144.4	150.5	156.5
32.5°	128.4	127.6	126.8	125.0	123.9	125.5	127.1	130.9	134.7	140.3	145.9
35°	119.0	116.9	114.7	113.7	113.9	115.5	117.0	120.9	124.5	130.6	136.5
37.5°	108.8	108.1	107.3	107.2	107.6	109.2	110.8	114.2	117.4	123.4	129.3
40°	103.0	102.7	102.4	102.1	102.4	104.0	105.6	108.8	111.8	117.7	123.4
42.5°	97.9	97.8	97.6	97.6	97.8	99.5	101.3	104.5	107.5	112.7	118.0
45°	93.0	93.2	93.2	93.5	94.0	95.7	97.3	100.8	104.3	109.4	114.5
47.5°	88.4	88.9	89.2	90.0	90.5	92.4	94.1	97.9	101.8	108.1	114.3
50°	84.4	84.9	85.2	85.8	87.1	89.3	91.6	96.2	100.6	111.3	121.8
52.5°	80.7	81.2	81.7	82.3	83.9	86.5	89.0	94.8	100.3	112.7	125.2
55°	77.4	77.9	78.2	79.1	80.7	83.0	85.0	92.0	99.1	108.1	117.2
57.5°	74.2	74.7	75.0	75.6	76.4	78.8	81.1	88.5	96.0	102.4	108.6
60°	70.9	71.2	71.3	71.3	72.0	74.7	77.4	86.9	96.3	95.2	94.0
62.5°	67.2	67.5	67.7	67.2	68.0	70.9	73.7	86.2	98.6	90.9	83.3
65°	63.9	63.7	63.5	63.1	64.0	66.9	69.6	75.8	82.0	79.0	76.0
67.5°	60.2	59.7	59.2	58.6	59.6	62.1	64.5	66.6	68.6	69.0	69.3
70°	55.6	54.9	54.3	54.1	54.6	56.7	58.8	60.2	61.5	62.1	62.6
72.5°	50.2	49.7	49.2	48.9	49.0	50.8	52.4	53.7	54.9	55.4	55.7
75°	44.1	44.1	44.0	43.0	43.0	44.4	45.7	46.8	47.9	48.6	49.2
77.5°	37.6	37.7	37.7	36.5	36.3	37.7	39.0	40.0	40.8	41.4	41.9
80°	30.1	29.8	29.5	28.7	28.3	30.1	31.7	32.5	33.1	33.3	33.3
82.5°	23.1	22.5	21.7	19.9	20.1	22.0	23.7	24.4	25.0	25.0	25.0
85°	15.8	14.5	13.1	11.6	11.8	13.9	15.8	16.4	17.0	17.4	17.5
87.5°	7.5	6.2	4.8	3.7	3.7	5.4	7.0	7.3	7.6	8.3	8.9
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



REPORT NUMBER: P385469
 CATALOG NUMBER: GAW-SA1A-730-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: P385469
 CATALOG NUMBER: GAW-SA1A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1135.6	1149.3	1163.4	1177.6	1193.9	1210.1	1229.1	1247.8	1263.9	1280.0	1293.4
5°	955.3	977.1	1002.8	1028.4	1061.1	1093.7	1133.7	1173.5	1209.0	1244.5	1285.7
7.5°	756.7	785.1	818.5	852.0	894.2	936.4	988.1	1039.9	1090.0	1140.0	1203.4
10°	634.8	664.5	697.5	730.3	773.3	816.1	870.9	925.5	981.9	1038.1	1109.8
12.5°	570.7	603.7	632.7	661.7	696.5	731.3	784.3	837.3	903.6	969.6	1038.6
15°	502.4	538.4	573.1	607.8	645.9	683.8	735.4	787.0	859.4	931.9	1011.2
17.5°	419.8	457.7	500.0	542.2	591.9	641.4	707.5	773.6	859.4	945.1	1038.6
20°	333.6	372.3	423.0	473.6	535.4	597.0	682.7	768.4	884.0	999.4	1118.7
22.5°	263.2	297.3	352.6	407.7	479.0	550.4	660.2	770.0	921.1	1072.0	1233.0
25°	213.4	237.4	291.7	345.9	428.2	510.5	646.5	782.4	975.1	1167.6	1367.3
27.5°	182.8	198.6	249.2	299.7	389.7	479.5	641.0	802.3	1043.5	1284.8	1513.3
30°	167.5	178.5	221.4	264.0	355.4	446.8	634.3	821.7	1109.5	1397.1	1627.5
32.5°	154.8	163.5	200.2	236.6	325.8	415.0	621.4	827.6	1155.5	1483.4	1724.1
35°	144.0	151.3	183.1	215.0	302.6	390.2	599.7	809.3	1184.3	1559.3	1824.8
37.5°	135.2	140.9	170.4	199.9	282.5	365.1	575.0	784.9	1209.9	1635.0	1938.0
40°	128.4	133.3	160.8	188.4	263.4	338.4	553.9	769.2	1245.3	1721.4	2057.6
42.5°	124.5	130.9	152.6	174.1	245.2	316.4	536.8	757.2	1278.1	1798.8	2162.2
45°	123.6	132.7	148.3	163.9	231.7	299.5	521.7	743.7	1299.3	1854.9	2241.1
47.5°	122.0	129.5	144.9	160.4	225.0	289.5	513.6	737.5	1320.5	1903.3	2306.5
50°	122.9	123.9	142.2	160.4	224.1	287.8	522.8	757.8	1366.3	1974.6	2381.4
52.5°	121.2	117.0	137.1	157.2	223.9	290.6	549.4	808.2	1451.5	2094.7	2462.4
55°	111.9	106.5	127.6	148.6	220.6	292.4	581.1	869.6	1565.9	2261.9	2608.1
57.5°	103.8	98.9	116.7	134.4	210.4	286.3	613.7	941.0	1686.7	2432.3	2772.3
60°	93.0	91.9	104.6	117.4	194.6	271.7	640.6	1009.5	1767.9	2526.3	2835.5
62.5°	84.1	84.7	94.1	103.5	174.9	246.0	649.6	1052.9	1765.7	2478.5	2771.8
65°	77.2	78.3	87.6	96.8	158.0	219.1	620.3	1021.2	1676.4	2331.3	2645.9
67.5°	70.5	71.8	82.8	93.6	143.0	192.2	547.0	901.6	1515.7	2129.6	2485.7
70°	64.2	65.8	77.7	89.7	132.2	174.5	452.6	730.6	1314.6	1898.4	2300.1
72.5°	57.3	58.9	71.7	84.4	125.3	166.1	369.0	571.7	1066.8	1561.7	1967.5
75°	50.3	51.4	65.3	79.0	115.9	152.9	289.5	426.0	816.5	1206.9	1486.1
77.5°	43.3	44.7	56.4	67.8	98.4	128.8	218.2	307.5	599.1	890.5	1033.5
80°	34.6	35.8	44.1	52.2	76.0	99.5	150.0	200.5	412.3	624.1	704.7
82.5°	26.4	27.9	33.4	38.9	54.1	69.4	90.9	112.4	273.9	435.2	441.9
85°	18.2	18.6	22.6	26.4	33.4	40.4	52.1	63.7	181.2	298.7	248.9
87.5°	9.1	9.1	11.8	14.5	18.0	21.5	27.5	33.4	58.0	82.5	47.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P385469
 CATALOG NUMBER: GAW-SA1A-730-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: P385469

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

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1310.4	1322.1	1333.8	1342.8	1351.8	1364.9	1377.9	1380.3	1382.9	1377.8	1372.7
5°	1327.3	1362.5	1397.9	1430.5	1463.1	1482.7	1502.3	1506.3	1510.3	1498.0	1485.6
7.5°	1264.7	1326.0	1387.3	1443.6	1499.8	1533.8	1568.1	1575.7	1583.5	1563.5	1543.4
10°	1181.1	1256.4	1331.8	1405.8	1479.9	1529.4	1578.9	1588.8	1598.7	1573.7	1548.7
12.5°	1116.5	1196.9	1277.3	1355.3	1433.5	1484.8	1536.1	1548.3	1560.6	1542.4	1524.1
15°	1096.6	1172.2	1247.8	1315.8	1384.0	1425.9	1467.9	1472.9	1478.0	1475.1	1472.2
17.5°	1132.7	1201.0	1269.5	1306.4	1343.6	1360.3	1377.2	1382.6	1388.1	1395.3	1402.6
20°	1220.3	1268.4	1316.6	1315.0	1313.3	1305.2	1296.9	1295.5	1294.0	1314.6	1335.3
22.5°	1351.0	1370.1	1389.4	1344.7	1299.9	1272.7	1245.3	1239.9	1234.3	1256.1	1278.1
25°	1492.9	1489.4	1485.8	1400.6	1315.2	1263.3	1211.4	1205.3	1199.3	1217.9	1236.7
27.5°	1633.4	1610.4	1587.5	1471.7	1356.0	1280.7	1205.3	1199.3	1193.2	1209.8	1226.3
30°	1736.4	1699.6	1662.8	1531.8	1400.7	1311.2	1221.7	1211.9	1201.8	1222.2	1242.6
32.5°	1816.8	1767.5	1718.1	1580.5	1442.9	1346.1	1249.3	1233.8	1218.4	1245.6	1272.8
35°	1897.1	1827.7	1758.1	1624.0	1489.7	1387.3	1284.8	1265.8	1246.9	1284.3	1321.7
37.5°	1998.0	1898.4	1798.5	1672.9	1547.2	1449.1	1350.9	1331.4	1312.0	1359.6	1407.4
40°	2107.6	1974.6	1841.7	1726.4	1611.1	1534.6	1458.0	1439.6	1420.9	1478.9	1536.9
42.5°	2198.7	2045.7	1892.6	1790.9	1689.0	1635.1	1581.1	1581.0	1580.7	1639.4	1698.2
45°	2272.7	2104.9	1936.9	1853.8	1770.5	1742.5	1714.4	1736.9	1759.3	1812.4	1865.6
47.5°	2328.0	2154.6	1981.0	1925.8	1870.5	1874.6	1878.8	1924.5	1970.2	2004.3	2038.5
50°	2364.0	2199.7	2035.2	2018.1	2001.1	2038.2	2075.4	2127.8	2180.4	2203.6	2226.9
52.5°	2416.4	2260.8	2105.1	2124.2	2143.3	2219.1	2294.9	2347.9	2400.9	2409.5	2418.3
55°	2537.6	2373.2	2208.7	2245.4	2282.1	2393.3	2504.6	2546.0	2587.4	2590.6	2593.8
57.5°	2709.7	2530.7	2351.7	2391.2	2430.7	2559.1	2687.6	2732.2	2776.9	2770.7	2764.3
60°	2838.5	2680.3	2521.8	2561.6	2601.4	2726.6	2851.8	2903.0	2954.5	2940.8	2927.1
62.5°	2846.5	2761.9	2677.2	2713.2	2749.4	2872.0	2994.6	3047.3	3100.0	3076.1	3052.3
65°	2719.9	2757.8	2795.7	2807.7	2819.6	2933.9	3048.4	3088.7	3129.2	3117.1	3105.0
67.5°	2545.5	2685.2	2825.0	2801.0	2776.9	2830.6	2884.2	2925.8	2967.4	2960.5	2953.5
70°	2371.5	2558.0	2744.4	2626.3	2508.0	2485.8	2463.7	2508.4	2553.3	2525.6	2497.8
72.5°	2075.1	2273.9	2472.8	2255.1	2037.4	1961.7	1886.1	1943.0	1999.8	1955.7	1911.4
75°	1628.9	1848.5	2068.3	1808.5	1548.8	1447.9	1346.9	1395.8	1444.7	1414.4	1384.0
77.5°	1212.7	1429.1	1645.5	1381.5	1117.3	1042.3	967.1	981.6	996.2	991.1	985.9
80°	822.5	973.3	1124.3	948.5	772.7	778.4	784.3	777.4	770.4	780.6	790.8
82.5°	524.9	641.3	757.8	664.5	571.2	624.7	678.2	651.9	625.5	635.2	645.1
85°	299.5	413.4	527.4	491.6	455.6	486.8	518.2	477.4	436.7	454.5	472.5
87.5°	79.0	228.7	378.5	343.7	308.8	268.3	227.9	173.9	119.9	175.2	230.4
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: P385469
 CATALOG NUMBER: GAW-SA1A-730-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°	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4	1213.4
2.5°	1370.0	1367.3	1357.6	1347.7	1333.0	1320.9	1299.9
5°	1468.4	1451.2	1421.6	1391.8	1358.7	1320.6	1278.4
7.5°	1503.3	1463.0	1406.1	1349.1	1297.8	1237.7	1181.6
10°	1488.5	1428.1	1354.2	1280.2	1217.9	1148.6	1086.4
12.5°	1460.1	1395.9	1314.6	1233.0	1162.2	1087.8	1018.1
15°	1421.1	1369.8	1293.5	1217.3	1145.9	1073.6	991.0
17.5°	1378.4	1354.1	1299.0	1243.7	1181.9	1111.9	1014.9
20°	1344.0	1352.9	1331.0	1309.0	1259.5	1198.3	1089.4
22.5°	1320.8	1363.6	1380.5	1397.5	1367.8	1320.0	1194.0
25°	1307.7	1378.7	1435.3	1492.0	1478.8	1442.0	1321.1
27.5°	1313.5	1400.6	1488.3	1576.2	1588.5	1578.3	1455.0
30°	1330.7	1418.9	1525.7	1632.7	1681.6	1695.3	1566.7
32.5°	1359.3	1445.8	1562.2	1678.8	1752.7	1796.3	1668.7
35°	1402.6	1483.5	1604.9	1726.2	1821.8	1901.4	1774.2
37.5°	1477.0	1546.6	1658.5	1770.6	1894.5	2014.1	1890.2
40°	1585.9	1635.1	1729.7	1824.5	1980.4	2141.8	2019.7
42.5°	1723.4	1748.7	1823.7	1898.7	2070.0	2257.8	2146.3
45°	1872.2	1878.9	1926.1	1973.4	2141.1	2336.8	2241.4
47.5°	2015.6	1992.6	2011.4	2030.2	2195.5	2393.1	2313.5
50°	2163.0	2099.2	2089.3	2079.4	2250.0	2459.5	2405.2
52.5°	2313.0	2207.8	2168.8	2129.6	2314.9	2547.6	2519.4
55°	2459.9	2325.9	2273.4	2220.8	2414.3	2655.1	2687.1
57.5°	2612.6	2460.8	2412.1	2363.4	2560.3	2791.3	2837.6
60°	2776.9	2626.6	2587.6	2548.4	2741.9	2938.4	2904.6
62.5°	2932.8	2813.4	2792.8	2772.1	2925.5	3051.5	2878.5
65°	3037.0	2968.8	2987.9	3007.2	3064.4	3079.6	2802.1
67.5°	2967.4	2981.2	3062.0	3142.9	3103.5	2995.9	2651.4
70°	2580.7	2663.9	2855.1	3046.5	2959.3	2771.5	2381.0
72.5°	2004.7	2098.2	2382.1	2666.2	2585.8	2355.9	1955.7
75°	1489.4	1595.0	1908.4	2221.8	2110.2	1762.2	1400.2
77.5°	1056.6	1127.3	1436.7	1746.3	1564.3	1173.0	942.3
80°	769.2	747.5	920.0	1092.4	1062.2	775.8	605.1
82.5°	592.2	539.4	620.6	701.8	697.3	538.4	444.0
85°	451.3	430.1	501.9	573.8	512.3	364.7	282.2
87.5°	263.1	295.9	380.4	465.2	349.1	110.7	54.8
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)