

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: P386029

Luminaire Tested: GAW-SA1C-827-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P386029
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-SA1C-827-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 80 CRI, 2700K, 1050mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4881 lumens
Efficiency: N/A
Efficacy: 84.2 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

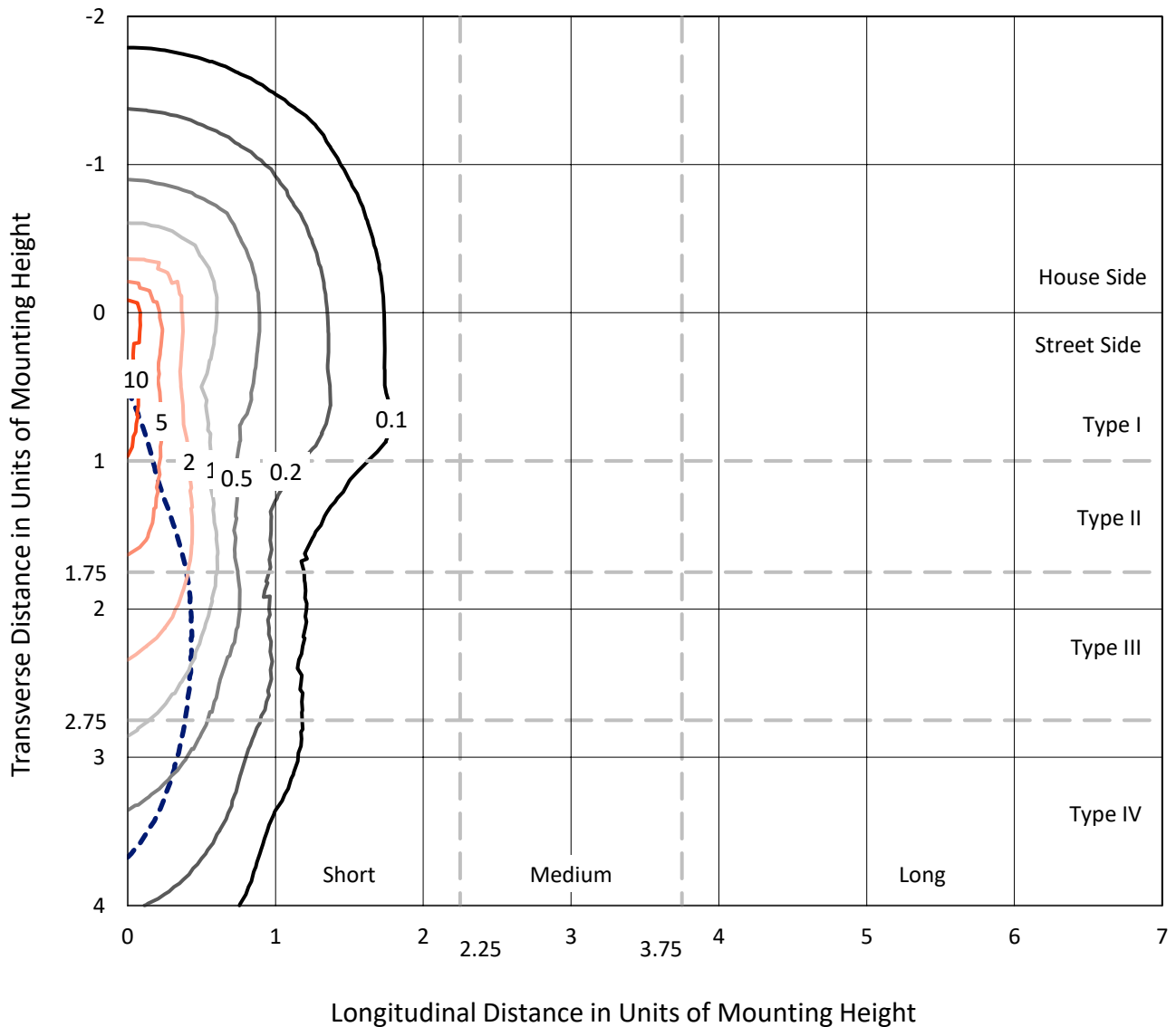
Input Watts (W): 58
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

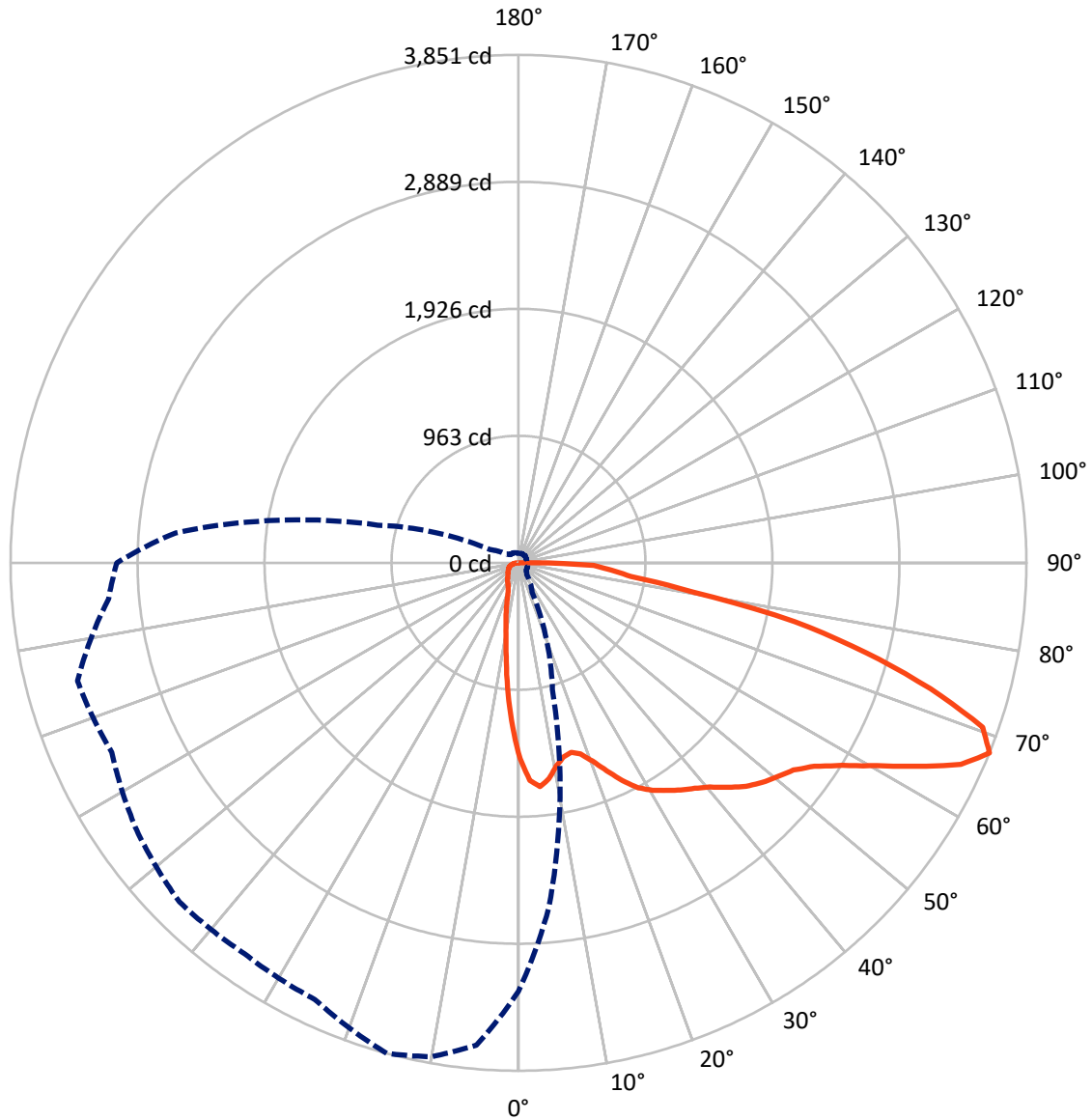
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.9 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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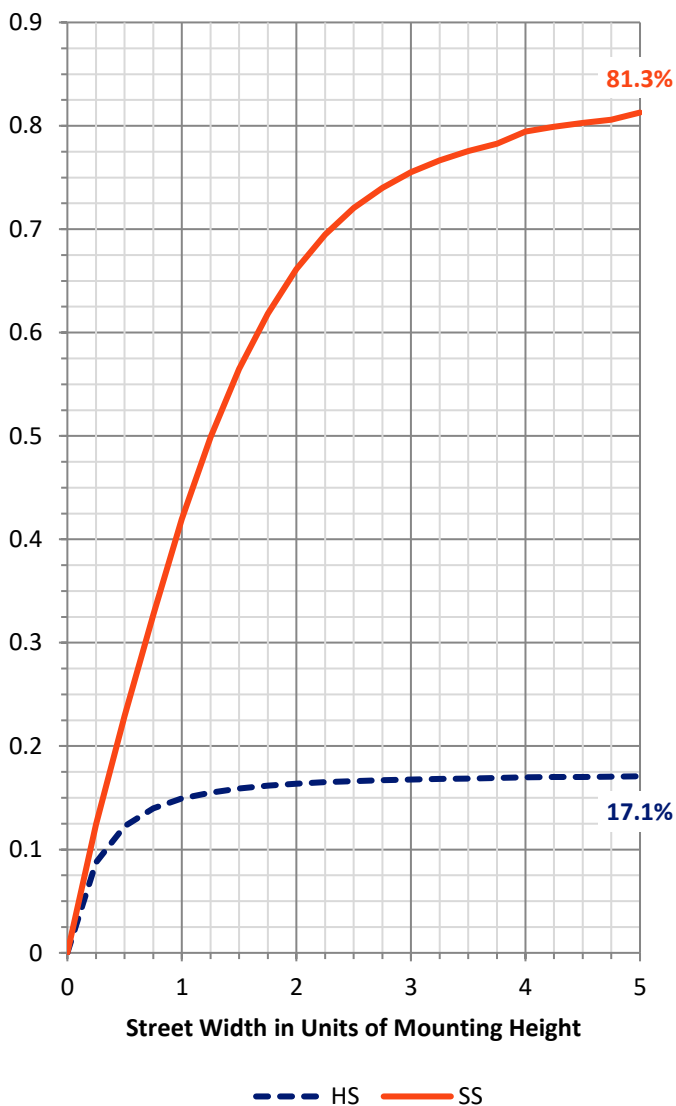
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	843.8	0.0	843.8
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	4037.2	0.0	4037.2
	% Fixture	82.7	0.0	82.7
Total	Lumens	4881.0	0.0	4881.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.8	2.4
10°-20°	238.4	4.9
20°-30°	339.1	6.9
30°-40°	488.6	10.0
40°-50°	688.6	14.1
50°-60°	957.3	19.6
60°-70°	1157.6	23.7
70°-80°	711.6	14.6
80°-90°	185.2	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°	4881.0	100.0
0°-180°	4881.0	100.0

Coefficient of Utilization

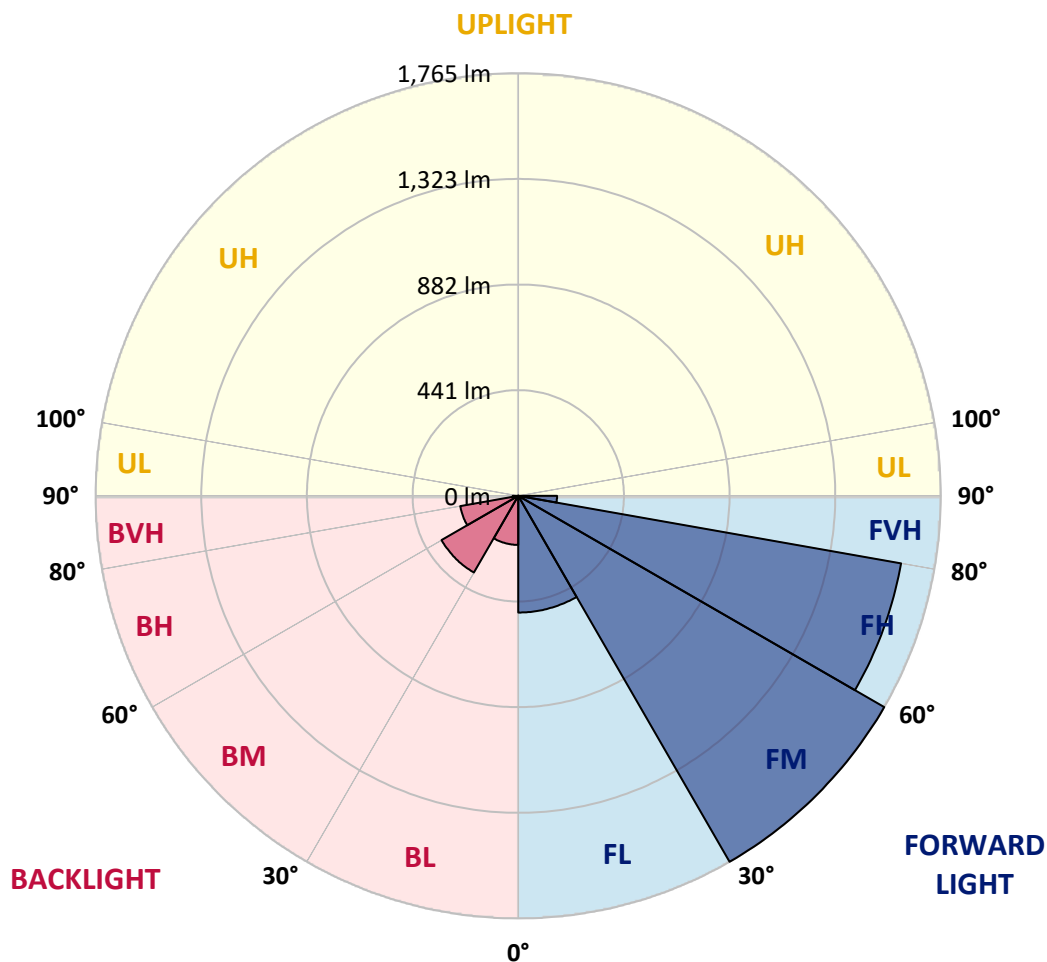


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	487.4	10.0			
FM (30°-60°)	1764.6	36.2			
FH (60°-80°)	1623.3	33.3			G1/1800
FVH (80°-90°)	161.9	3.3			G2/225
BL (0°-30°)	204.9	4.2	B1/500		
BM (30°-60°)	369.8	7.6	B1/1000		
BH (60°-80°)	245.9	5.0	B1/500		G1/500
BVH (80°-90°)	23.2	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°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1593.0	1578.9	1557.7	1536.4	1520.6	1504.6	1486.4	1468.3	1447.6	1426.7	1414.4
5°	1566.7	1527.6	1476.9	1426.1	1392.6	1359.0	1321.0	1282.9	1245.2	1207.6	1187.3
7.5°	1448.0	1389.5	1323.5	1257.5	1208.7	1159.8	1107.1	1054.2	1007.4	960.3	931.2
10°	1331.3	1261.0	1185.3	1109.4	1047.0	984.5	931.6	878.6	843.2	807.9	781.2
12.5°	1247.6	1169.7	1086.4	1002.9	940.4	878.0	844.4	810.8	781.6	752.3	721.5
15°	1214.4	1126.4	1041.1	955.6	898.9	842.1	804.8	767.3	728.1	688.7	650.8
17.5°	1243.7	1140.6	1047.9	955.3	880.9	806.5	754.4	702.1	650.4	598.7	554.8
20°	1335.0	1203.5	1082.3	960.9	862.0	763.0	693.2	623.1	556.8	490.4	440.6
22.5°	1463.2	1289.2	1130.9	972.6	844.8	716.8	629.2	541.3	462.9	384.4	335.7
25°	1619.0	1402.7	1200.9	999.0	837.8	676.4	568.7	460.9	378.2	295.3	260.5
27.5°	1783.1	1538.2	1288.0	1037.6	838.9	640.3	517.7	395.0	320.4	245.9	222.1
30°	1919.9	1692.9	1389.5	1085.8	843.4	601.1	469.7	338.4	276.9	215.4	200.0
32.5°	2045.0	1800.8	1466.0	1130.9	848.5	565.9	432.6	299.2	249.0	198.7	186.0
35°	2174.1	1896.6	1519.4	1142.0	839.7	537.2	407.3	277.3	231.1	184.6	173.9
37.5°	2316.4	2000.3	1570.9	1141.4	824.9	508.4	387.6	266.6	219.3	171.9	164.1
40°	2475.1	2114.8	1626.8	1138.7	811.4	484.0	372.9	261.7	212.9	163.9	157.3
42.5°	2630.2	2224.1	1678.7	1133.2	800.5	467.6	358.5	249.4	207.1	164.5	155.1
45°	2746.7	2319.5	1723.7	1127.8	792.3	456.8	347.2	237.5	201.6	165.7	153.8
47.5°	2835.1	2415.4	1773.7	1131.9	791.5	451.2	339.2	227.2	191.2	155.1	150.3
50°	2947.5	2530.5	1846.5	1162.5	802.3	442.0	329.8	217.4	181.3	145.2	151.8
52.5°	3087.4	2694.8	1959.3	1223.6	824.7	425.8	315.0	204.1	169.2	134.1	144.4
55°	3292.9	2905.4	2103.5	1301.4	851.8	402.0	292.5	182.9	153.2	123.3	132.5
57.5°	3477.3	3118.1	2241.9	1365.5	868.8	372.0	264.2	156.5	135.2	114.0	119.2
60°	3559.5	3227.8	2306.7	1385.4	858.7	331.9	232.4	132.7	119.4	106.2	105.2
62.5°	3527.5	3158.1	2242.8	1327.6	809.1	290.6	204.3	118.1	108.1	98.0	95.8
65°	3433.8	2939.1	2064.1	1189.0	725.4	261.7	186.6	111.4	100.3	89.2	86.8
67.5°	3249.2	2627.5	1810.8	994.1	619.0	243.9	176.4	108.9	95.4	81.8	79.0
70°	2917.9	2252.4	1519.0	785.5	509.3	233.0	169.8	106.6	90.2	73.6	71.0
72.5°	2396.6	1805.9	1213.0	620.0	425.8	231.6	169.0	106.4	85.9	65.4	63.0
75°	1715.9	1371.7	926.0	480.1	348.7	217.4	160.4	103.4	80.0	56.4	54.3
77.5°	1154.7	949.4	643.6	337.6	258.8	179.9	134.8	89.8	68.5	47.2	45.1
80°	741.6	657.1	431.3	205.5	167.8	130.2	96.4	62.6	50.0	37.1	35.3
82.5°	544.1	489.0	299.7	110.5	93.3	75.9	58.9	42.0	34.2	26.3	25.6
85°	345.8	381.3	220.7	60.1	49.2	38.2	31.6	25.0	19.7	14.4	14.4
87.5°	67.1	92.9	61.1	29.1	21.3	13.5	11.5	9.4	5.3	1.0	1.2
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):

	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°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1401.9	1388.5	1375.0	1359.8	1344.4	1330.1	1315.7	1299.9	1302.8	1290.7	1278.6
5°	1167.0	1145.5	1123.9	1105.1	1086.4	1070.2	1053.8	1039.2	1051.8	1043.3	1034.7
7.5°	902.0	875.4	848.7	826.3	803.8	786.4	768.9	756.8	769.3	767.7	766.2
10°	754.4	728.7	702.7	677.9	653.2	632.1	610.8	592.9	589.7	580.8	571.6
12.5°	690.4	655.1	619.6	593.6	567.7	542.5	517.3	496.3	486.7	471.9	456.8
15°	613.0	571.2	529.4	500.0	470.3	445.9	421.3	403.2	397.1	385.6	374.1
17.5°	510.9	465.2	419.6	389.7	359.7	340.1	320.4	308.3	308.3	305.0	301.7
20°	390.9	350.1	309.3	286.5	263.6	253.3	242.8	237.7	239.3	239.4	239.4
22.5°	286.7	261.7	236.7	227.5	218.2	214.5	210.8	208.6	209.4	209.6	209.8
25°	225.8	216.2	206.5	201.8	196.9	194.6	192.2	191.4	193.2	193.4	193.4
27.5°	198.3	192.4	186.4	183.4	180.3	179.3	178.4	177.0	178.8	178.8	178.6
30°	184.4	178.2	171.9	168.2	164.5	164.9	165.1	164.7	165.9	166.7	167.2
32.5°	173.1	167.0	161.0	157.3	153.4	152.8	152.2	151.8	154.4	155.7	157.1
35°	162.9	156.3	149.7	146.2	142.7	141.3	139.9	138.9	141.3	143.0	144.8
37.5°	156.1	149.3	142.3	138.9	135.4	133.7	131.9	130.7	131.7	132.5	133.3
40°	150.7	143.6	136.4	132.5	128.6	126.8	125.1	124.1	124.7	124.9	125.1
42.5°	145.6	138.8	131.9	127.6	123.1	121.0	118.8	117.7	118.1	118.5	118.7
45°	141.9	135.0	128.0	122.9	117.7	115.3	113.0	111.6	111.8	111.8	111.8
47.5°	145.4	135.4	125.3	119.4	113.4	110.6	107.9	106.6	106.2	105.8	105.4
50°	158.3	141.3	124.1	116.7	109.1	106.2	103.0	101.5	100.5	100.1	99.7
52.5°	154.6	139.9	125.1	115.5	105.8	102.3	98.7	96.2	95.2	94.6	94.1
55°	141.5	132.3	122.9	111.4	99.9	96.8	93.5	91.7	90.0	89.6	89.2
57.5°	124.3	120.6	116.9	105.2	93.5	90.5	87.4	86.3	84.7	84.7	84.5
60°	104.0	109.5	114.9	101.5	87.8	84.5	81.2	80.2	79.6	79.4	79.2
62.5°	93.5	102.5	111.2	97.0	82.5	79.0	75.5	74.4	74.2	74.4	74.4
65°	84.5	87.2	90.0	83.3	76.7	73.2	69.5	68.3	68.7	69.3	69.9
67.5°	76.3	75.7	75.1	72.8	70.3	67.3	64.2	63.0	63.2	64.0	64.8
70°	68.5	67.7	66.7	65.0	63.2	60.7	58.2	57.4	57.2	58.2	58.9
72.5°	60.7	59.7	58.5	57.2	55.6	53.5	51.3	50.7	50.9	51.5	52.1
75°	52.1	51.3	50.3	49.2	47.8	45.9	43.9	43.5	43.9	44.5	45.1
77.5°	42.7	42.5	42.2	41.2	40.2	38.1	35.7	35.5	36.1	36.7	37.1
80°	33.4	33.6	33.8	33.0	32.2	29.9	27.3	27.1	27.7	28.3	28.9
82.5°	24.6	25.2	25.6	24.6	23.6	20.9	18.1	17.8	19.7	20.3	20.9
85°	14.2	15.0	15.8	15.0	14.2	11.5	8.8	8.6	10.3	11.3	12.3
87.5°	1.2	1.6	2.0	1.8	1.6	0.8	0.0	0.0	0.2	1.0	1.8
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):

	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: P386029
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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1271.0	1263.4	1261.0	1258.7	1250.1	1241.3	1250.3	1259.1	1262.8	1266.5	1257.0
5°	1033.5	1032.1	1032.1	1031.9	1024.1	1016.1	1022.2	1028.0	1015.0	1001.9	1000.5
7.5°	774.5	782.9	789.8	796.4	793.9	791.3	797.0	802.6	786.1	769.3	761.1
10°	573.5	575.3	582.7	590.1	591.9	593.4	600.5	607.3	594.4	581.5	575.9
12.5°	447.5	438.1	439.1	439.9	443.4	446.7	454.1	461.3	456.1	450.6	451.2
15°	362.4	350.5	345.6	340.5	344.4	348.3	353.6	358.7	358.9	358.9	364.0
17.5°	295.8	289.8	284.9	279.8	285.1	290.2	290.8	291.4	291.6	291.7	291.4
20°	242.4	245.3	243.7	242.2	244.1	245.9	247.4	248.8	247.1	245.1	240.2
22.5°	212.5	215.1	217.0	218.8	222.1	225.2	223.6	221.9	218.4	214.7	211.0
25°	195.1	196.9	198.9	200.8	203.5	206.1	203.3	200.6	198.1	195.5	193.0
27.5°	180.5	182.3	184.0	185.6	188.1	190.5	187.9	185.4	183.2	181.1	179.1
30°	168.6	169.8	171.1	172.5	174.9	177.0	174.9	172.5	170.9	169.2	167.8
32.5°	158.5	159.6	160.2	160.8	162.9	165.1	163.5	162.0	160.6	159.2	158.3
35°	147.3	149.7	150.1	150.5	152.6	154.8	153.8	152.6	151.0	149.5	147.7
37.5°	136.0	138.8	140.3	141.7	143.8	146.0	145.0	144.0	141.9	139.7	136.6
40°	126.5	127.6	130.6	133.3	136.8	140.1	138.2	136.0	132.7	129.4	127.8
42.5°	118.5	118.3	121.0	123.7	129.0	134.1	130.6	127.0	123.9	120.8	120.4
45°	111.4	110.8	112.2	113.6	119.2	124.7	121.2	117.5	115.7	114.0	114.0
47.5°	105.2	104.8	105.8	106.6	110.1	113.4	111.6	109.9	108.9	107.9	108.1
50°	99.5	99.1	100.1	100.9	102.3	103.4	103.8	104.0	103.4	102.8	103.2
52.5°	94.3	94.3	94.6	94.8	96.6	98.4	98.4	98.2	98.2	98.2	98.5
55°	89.8	90.2	90.2	90.2	92.9	95.4	94.6	93.9	94.1	94.1	94.5
57.5°	85.3	85.9	86.3	86.6	89.4	92.1	91.3	90.5	90.5	90.5	90.7
60°	80.2	81.0	81.8	82.5	85.3	88.0	87.2	86.3	86.5	86.6	86.8
62.5°	75.3	76.1	76.9	77.7	80.4	83.1	82.4	81.4	82.0	82.4	82.4
65°	70.6	71.2	72.0	72.8	75.3	77.9	77.1	76.3	77.1	77.7	78.1
67.5°	65.4	65.8	66.5	67.3	69.9	72.4	71.6	70.6	71.6	72.4	73.2
70°	59.3	59.7	60.7	61.5	64.0	66.5	65.6	64.6	65.6	66.5	67.3
72.5°	52.7	53.1	54.1	54.8	57.8	60.7	59.5	58.3	59.5	60.7	61.1
75°	45.5	45.9	47.0	48.0	50.9	53.9	52.9	51.7	52.7	53.7	53.9
77.5°	37.7	38.2	39.8	41.4	43.7	46.1	45.5	44.9	45.5	46.1	46.1
80°	29.5	30.1	32.0	33.8	35.1	36.5	36.7	36.9	37.1	37.3	37.1
82.5°	21.9	22.6	24.4	26.1	26.1	26.1	27.7	29.1	29.1	28.9	28.7
85°	13.5	14.4	16.0	17.6	16.6	15.6	18.1	20.5	20.5	20.3	19.9
87.5°	2.7	3.7	5.3	6.6	5.7	4.7	7.2	9.8	10.0	10.0	9.6
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: P386029
 CATALOG NUMBER: GAW-SA1C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1247.2	1262.4	1277.4	1281.3	1287.2	1289.7	1292.1	1311.2	1330.1	1352.4	1374.6
5°	999.0	1010.3	1021.6	1023.4	1029.4	1032.5	1035.7	1058.9	1081.9	1112.9	1144.0
7.5°	752.9	755.6	758.3	758.0	763.0	769.9	776.5	801.3	825.9	859.2	892.4
10°	570.2	576.5	582.5	588.2	599.3	612.2	624.9	650.2	675.6	708.6	741.4
12.5°	451.8	459.0	466.0	472.3	485.1	502.3	519.3	549.7	580.2	619.6	658.8
15°	368.8	368.2	367.7	372.0	383.3	402.0	420.5	452.7	484.9	528.3	571.4
17.5°	291.0	288.0	285.1	288.4	299.0	314.4	329.6	356.9	384.1	426.0	468.0
20°	235.3	233.4	231.4	234.6	241.2	247.6	254.1	273.8	293.3	327.5	361.4
22.5°	207.1	206.9	206.5	208.2	211.3	214.7	217.8	227.3	236.7	258.8	280.6
25°	190.5	190.3	190.1	190.9	193.4	195.9	198.5	204.7	211.0	221.5	232.0
27.5°	177.2	176.8	176.4	176.6	177.2	181.1	184.8	187.7	190.5	197.7	204.7
30°	166.5	166.3	166.1	166.1	165.5	166.9	168.2	172.7	177.0	184.4	191.8
32.5°	157.3	156.3	155.3	153.2	151.8	153.8	155.7	160.4	165.1	171.9	178.8
35°	145.8	143.2	140.5	139.3	139.5	141.5	143.4	148.1	152.6	160.0	167.2
37.5°	133.3	132.5	131.5	131.3	131.9	133.9	135.8	139.9	143.8	151.2	158.5
40°	126.3	125.9	125.5	125.1	125.5	127.4	129.4	133.3	137.0	144.2	151.2
42.5°	120.0	119.8	119.6	119.6	119.8	122.0	124.1	128.0	131.7	138.2	144.6
45°	114.0	114.2	114.2	114.6	115.1	117.3	119.2	123.5	127.8	134.1	140.3
47.5°	108.3	108.9	109.3	110.3	110.8	113.2	115.3	120.0	124.7	132.5	140.1
50°	103.4	104.0	104.4	105.2	106.7	109.5	112.2	117.9	123.3	136.4	149.3
52.5°	98.9	99.5	100.1	100.9	102.8	106.0	109.1	116.1	122.9	138.2	153.4
55°	94.8	95.4	95.8	97.0	98.9	101.7	104.2	112.8	121.4	132.5	143.6
57.5°	90.9	91.5	91.9	92.7	93.7	96.6	99.3	108.5	117.7	125.5	133.1
60°	86.8	87.2	87.4	87.4	88.2	91.5	94.8	106.6	118.1	116.7	115.1
62.5°	82.4	82.7	82.9	82.4	83.3	86.8	90.4	105.6	120.8	111.4	102.1
65°	78.3	78.1	77.9	77.3	78.4	82.0	85.3	92.9	100.5	96.8	93.1
67.5°	73.8	73.2	72.6	71.8	73.0	76.1	79.0	81.6	84.1	84.5	84.9
70°	68.1	67.3	66.5	66.4	66.9	69.5	72.0	73.8	75.3	76.1	76.7
72.5°	61.5	60.9	60.3	59.9	60.1	62.3	64.2	65.8	67.3	67.9	68.3
75°	54.1	54.1	53.9	52.7	52.7	54.4	56.0	57.4	58.7	59.5	60.3
77.5°	46.1	46.3	46.3	44.7	44.5	46.3	47.8	49.0	50.0	50.7	51.3
80°	36.9	36.5	36.1	35.1	34.7	36.9	38.8	39.8	40.6	40.8	40.8
82.5°	28.3	27.5	26.5	24.4	24.6	26.9	29.1	29.9	30.6	30.6	30.6
85°	19.3	17.8	16.0	14.2	14.4	17.0	19.3	20.1	20.9	21.3	21.5
87.5°	9.2	7.6	5.9	4.5	4.5	6.6	8.6	9.0	9.4	10.1	10.9
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: P386029
 CATALOG NUMBER: GAW-SA1C-827-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: P386029
 CATALOG NUMBER: GAW-SA1C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1391.6	1408.4	1425.8	1443.1	1463.0	1482.9	1506.2	1529.2	1548.9	1568.6	1585.0
5°	1170.7	1197.4	1228.8	1260.3	1300.3	1340.3	1389.3	1438.0	1481.6	1525.1	1575.6
7.5°	927.3	962.1	1003.1	1044.0	1095.8	1147.5	1210.9	1274.3	1335.8	1397.1	1474.7
10°	777.9	814.4	854.7	895.0	947.6	1000.1	1067.3	1134.2	1203.3	1272.2	1360.0
12.5°	699.4	739.8	775.3	810.8	853.6	896.1	961.1	1026.1	1107.3	1188.3	1272.8
15°	615.7	659.8	702.3	744.9	791.5	838.0	901.2	964.4	1053.2	1142.0	1239.2
17.5°	514.4	560.9	612.8	664.5	725.4	786.1	867.0	948.0	1053.2	1158.2	1272.8
20°	408.8	456.3	518.3	580.4	656.1	731.6	836.6	941.6	1083.3	1224.8	1370.9
22.5°	322.6	364.3	432.1	499.6	587.0	674.4	809.1	943.5	1128.7	1313.7	1511.0
25°	261.5	291.0	357.5	423.9	524.8	625.6	792.3	958.8	1194.9	1430.8	1675.5
27.5°	224.0	243.3	305.4	367.3	477.5	587.6	785.5	983.2	1278.8	1574.5	1854.5
30°	205.3	218.8	271.3	323.6	435.6	547.6	777.3	1007.0	1359.6	1712.0	1994.4
32.5°	189.7	200.4	245.3	290.0	399.3	508.6	761.5	1014.2	1416.0	1817.8	2112.9
35°	176.4	185.4	224.4	263.5	370.8	478.1	734.9	991.7	1451.3	1910.9	2236.2
37.5°	165.7	172.7	208.8	244.9	346.2	447.5	704.7	961.9	1482.7	2003.6	2375.0
40°	157.3	163.3	197.1	230.9	322.8	414.7	678.7	942.6	1526.1	2109.6	2521.5
42.5°	152.6	160.4	187.0	213.3	300.5	387.8	657.8	927.9	1566.3	2204.4	2649.7
45°	151.4	162.6	181.7	200.8	283.9	367.1	639.3	911.3	1592.2	2273.1	2746.3
47.5°	149.5	158.7	177.6	196.5	275.7	354.8	629.4	903.7	1618.2	2332.4	2826.5
50°	150.7	151.8	174.3	196.5	274.6	352.6	640.7	928.7	1674.4	2419.8	2918.2
52.5°	148.5	143.4	168.0	192.6	274.4	356.1	673.3	990.4	1778.8	2567.0	3017.6
55°	137.2	130.6	156.3	182.1	270.3	358.3	712.1	1065.7	1918.9	2771.9	3196.1
57.5°	127.2	121.2	143.0	164.7	257.8	350.9	752.1	1153.1	2067.0	2980.7	3397.3
60°	114.0	112.6	128.2	143.8	238.5	332.9	785.1	1237.0	2166.5	3095.8	3474.8
62.5°	103.0	103.8	115.3	126.8	214.3	301.5	796.0	1290.3	2163.8	3037.3	3396.8
65°	94.6	96.0	107.3	118.7	193.6	268.5	760.1	1251.5	2054.3	2857.0	3242.4
67.5°	86.5	88.0	101.5	114.7	175.2	235.5	670.3	1104.9	1857.4	2609.7	3046.1
70°	78.6	80.6	95.2	109.9	162.0	213.9	554.6	895.3	1610.9	2326.4	2818.7
72.5°	70.3	72.2	87.8	103.4	153.6	203.5	452.2	700.6	1307.3	1913.8	2411.1
75°	61.7	63.0	80.0	96.8	142.1	187.3	354.8	522.0	1000.5	1479.0	1821.1
77.5°	53.1	54.8	69.1	83.1	120.6	157.9	267.4	376.8	734.1	1091.3	1266.5
80°	42.3	43.9	54.1	64.0	93.1	122.0	183.8	245.7	505.2	764.8	863.5
82.5°	32.4	34.2	41.0	47.6	66.4	85.1	111.4	137.8	335.7	533.3	541.5
85°	22.2	22.8	27.7	32.4	41.0	49.6	63.8	78.1	222.1	366.1	305.0
87.5°	11.1	11.1	14.4	17.8	22.1	26.3	33.8	41.0	71.0	101.1	58.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P386029
 CATALOG NUMBER: GAW-SA1C-827-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: P386029

CATALOG NUMBER: GAW-SA1C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1605.9	1620.1	1634.6	1645.5	1656.6	1672.6	1688.6	1691.5	1694.7	1688.4	1682.2
5°	1626.6	1669.7	1713.0	1753.0	1793.0	1817.0	1841.0	1845.9	1850.8	1835.8	1820.5
7.5°	1549.9	1625.0	1700.1	1769.0	1837.9	1879.7	1921.6	1931.0	1940.6	1916.0	1891.4
10°	1447.4	1539.7	1632.0	1722.8	1813.5	1874.2	1934.9	1947.0	1959.1	1928.5	1897.8
12.5°	1368.2	1466.7	1565.3	1660.9	1756.7	1819.6	1882.4	1897.4	1912.5	1890.2	1867.8
15°	1343.8	1436.5	1529.2	1612.5	1696.0	1747.4	1798.9	1804.9	1811.2	1807.7	1804.1
17.5°	1388.1	1471.8	1555.7	1601.0	1646.5	1667.0	1687.6	1694.3	1701.1	1709.9	1718.9
20°	1495.4	1554.4	1613.5	1611.5	1609.4	1599.4	1589.3	1587.5	1585.8	1610.9	1636.3
22.5°	1655.6	1679.1	1702.7	1647.8	1593.0	1559.6	1526.1	1519.4	1512.6	1539.3	1566.3
25°	1829.5	1825.2	1820.7	1716.3	1611.7	1548.1	1484.5	1477.1	1469.7	1492.5	1515.5
27.5°	2001.6	1973.5	1945.4	1803.6	1661.7	1569.4	1477.1	1469.7	1462.2	1482.5	1502.8
30°	2127.9	2082.8	2037.7	1877.1	1716.5	1606.9	1497.2	1485.1	1472.8	1497.8	1522.7
32.5°	2226.4	2166.0	2105.5	1936.8	1768.2	1649.6	1530.9	1512.0	1493.1	1526.5	1559.8
35°	2324.8	2239.7	2154.4	1990.1	1825.6	1700.1	1574.5	1551.2	1528.0	1573.9	1619.7
37.5°	2448.5	2326.4	2204.0	2050.0	1896.1	1775.9	1655.4	1631.6	1607.8	1666.2	1724.7
40°	2582.8	2419.8	2256.9	2115.6	1974.3	1880.6	1786.8	1764.1	1741.3	1812.3	1883.4
42.5°	2694.4	2506.9	2319.3	2194.6	2069.7	2003.8	1937.6	1937.4	1937.0	2009.1	2081.1
45°	2785.2	2579.5	2373.6	2271.7	2169.7	2135.3	2101.0	2128.5	2156.0	2221.0	2286.2
47.5°	2852.9	2640.4	2427.6	2359.9	2292.2	2297.3	2302.4	2358.4	2414.4	2456.1	2498.1
50°	2897.0	2695.6	2494.0	2473.1	2452.2	2497.7	2543.4	2607.6	2672.0	2700.5	2729.0
52.5°	2961.2	2770.5	2579.7	2603.1	2626.5	2719.4	2812.3	2877.3	2942.3	2952.8	2963.5
55°	3109.7	2908.3	2706.7	2751.6	2796.7	2932.9	3069.3	3120.0	3170.8	3174.7	3178.6
57.5°	3320.6	3101.3	2882.0	2930.3	2978.7	3136.0	3293.5	3348.2	3403.0	3395.4	3387.6
60°	3478.5	3284.5	3090.4	3139.2	3187.9	3341.3	3494.7	3557.6	3620.6	3603.8	3587.0
62.5°	3488.3	3384.7	3280.8	3324.9	3369.2	3519.5	3669.8	3734.4	3799.0	3769.7	3740.4
65°	3333.1	3379.6	3426.0	3440.7	3455.3	3595.4	3735.7	3785.1	3834.7	3819.8	3805.0
67.5°	3119.4	3290.6	3461.9	3432.5	3403.0	3468.8	3534.5	3585.5	3636.4	3628.0	3619.4
70°	2906.1	3134.7	3363.2	3218.4	3073.4	3046.3	3019.1	3074.0	3129.0	3095.1	3060.9
72.5°	2543.0	2786.5	3030.3	2763.5	2496.7	2404.0	2311.3	2381.0	2450.7	2396.6	2342.4
75°	1996.2	2265.3	2534.6	2216.3	1898.0	1774.3	1650.6	1710.5	1770.4	1733.3	1696.0
77.5°	1486.1	1751.3	2016.5	1692.9	1369.2	1277.2	1185.1	1202.9	1220.8	1214.6	1208.2
80°	1007.9	1192.7	1377.7	1162.3	946.9	953.9	961.1	952.7	944.1	956.6	969.1
82.5°	643.2	785.9	928.7	814.4	700.0	765.6	831.1	798.9	766.5	778.4	790.5
85°	367.1	506.6	646.3	602.4	558.3	596.6	635.0	585.1	535.1	557.0	579.0
87.5°	96.8	280.2	463.9	421.1	378.4	328.8	279.3	213.1	146.9	214.7	282.4
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: P386029
 CATALOG NUMBER: GAW-SA1C-827-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°	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0	1487.0
2.5°	1678.9	1675.5	1663.6	1651.5	1633.6	1618.8	1593.0
5°	1799.5	1778.4	1742.1	1705.6	1665.0	1618.4	1566.7
7.5°	1842.2	1792.8	1723.2	1653.3	1590.5	1516.7	1448.0
10°	1824.1	1750.1	1659.5	1568.8	1492.5	1407.6	1331.3
12.5°	1789.3	1710.7	1610.9	1511.0	1424.2	1333.1	1247.6
15°	1741.5	1678.7	1585.2	1491.7	1404.3	1315.7	1214.4
17.5°	1689.2	1659.3	1591.8	1524.1	1448.4	1362.5	1243.7
20°	1647.1	1658.0	1631.0	1604.1	1543.4	1468.5	1335.0
22.5°	1618.6	1671.1	1691.7	1712.6	1676.1	1617.6	1463.2
25°	1602.6	1689.6	1758.9	1828.3	1812.1	1767.1	1619.0
27.5°	1609.6	1716.3	1823.9	1931.6	1946.6	1934.1	1783.1
30°	1630.7	1738.8	1869.7	2000.9	2060.8	2077.5	1919.9
32.5°	1665.8	1771.8	1914.4	2057.3	2147.8	2201.3	2045.0
35°	1718.9	1818.0	1966.7	2115.4	2232.5	2330.1	2174.1
37.5°	1810.0	1895.3	2032.5	2169.9	2321.7	2468.2	2316.4
40°	1943.5	2003.8	2119.7	2235.8	2426.9	2624.7	2475.1
42.5°	2111.9	2142.9	2234.8	2326.8	2536.7	2766.8	2630.2
45°	2294.4	2302.6	2360.3	2418.3	2623.8	2863.6	2746.7
47.5°	2470.0	2441.9	2464.9	2487.9	2690.5	2932.7	2835.1
50°	2650.7	2572.4	2560.3	2548.2	2757.3	3014.1	2947.5
52.5°	2834.5	2705.5	2657.7	2609.7	2836.9	3122.0	3087.4
55°	3014.5	2850.3	2785.9	2721.5	2958.6	3253.7	3292.9
57.5°	3201.6	3015.6	2955.9	2896.2	3137.6	3420.6	3477.3
60°	3403.0	3218.8	3171.0	3123.0	3360.1	3600.9	3559.5
62.5°	3594.0	3447.7	3422.5	3397.1	3585.1	3739.4	3527.5
65°	3721.7	3638.2	3661.6	3685.2	3755.2	3774.0	3433.8
67.5°	3636.4	3653.4	3752.3	3851.4	3803.2	3671.3	3249.2
70°	3162.6	3264.4	3498.8	3733.4	3626.4	3396.4	2917.9
72.5°	2456.7	2571.3	2919.2	3267.4	3168.8	2887.0	2396.6
75°	1825.2	1954.6	2338.7	2722.7	2585.9	2159.5	1715.9
77.5°	1294.8	1381.5	1760.6	2140.0	1916.9	1437.5	1154.7
80°	942.6	916.0	1127.4	1338.7	1301.6	950.8	741.6
82.5°	725.8	661.0	760.5	860.0	854.6	659.8	544.1
85°	553.1	527.1	615.1	703.1	627.8	446.9	345.8
87.5°	322.4	362.6	466.2	570.0	427.8	135.6	67.1
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)