

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P320432

Luminaire Tested: **GAN-SA8A-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320432
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 (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA8A-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24129 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 257
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: 24 FT

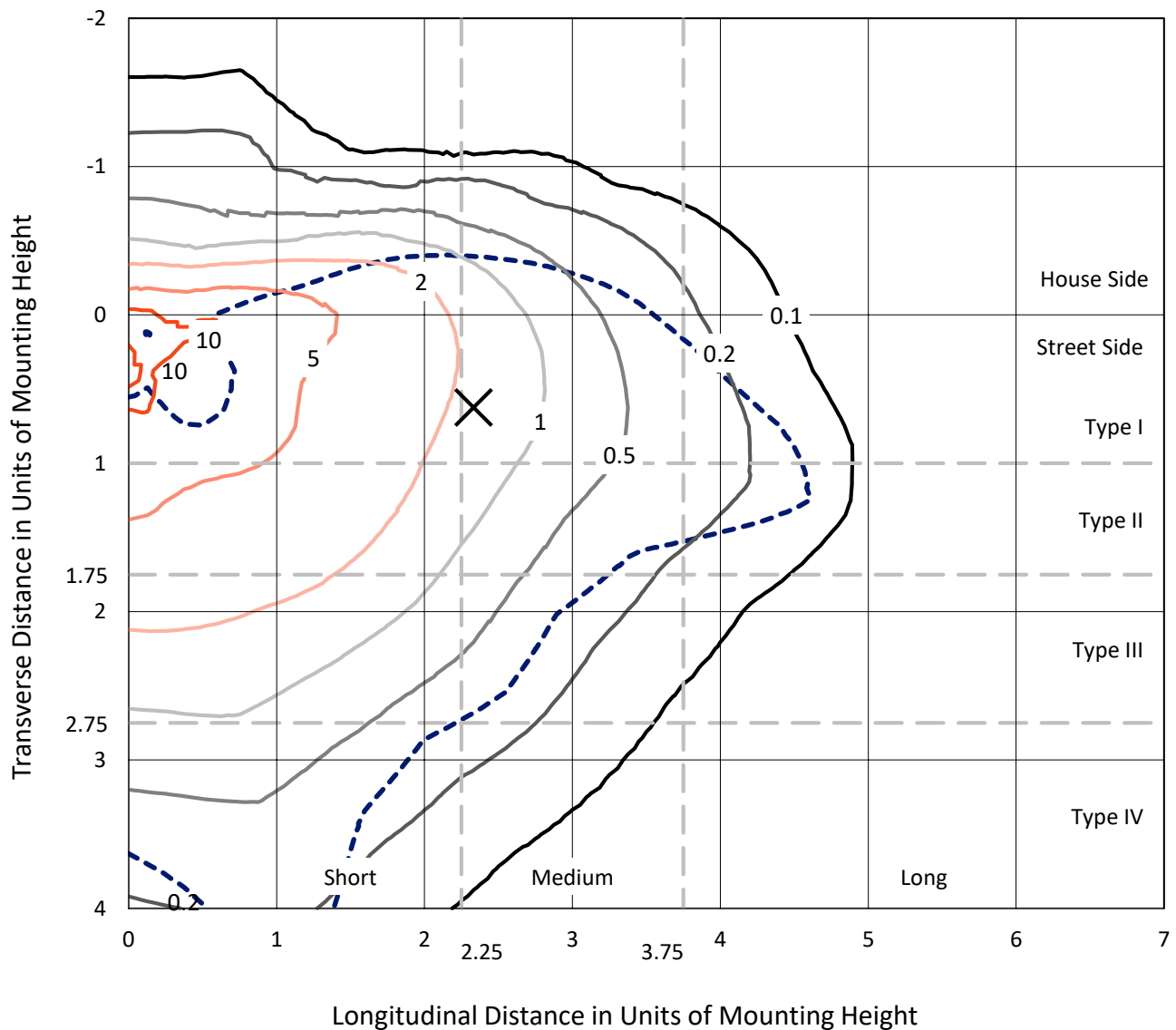


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Iso-Footcandle Lines of Horizontal Illumination

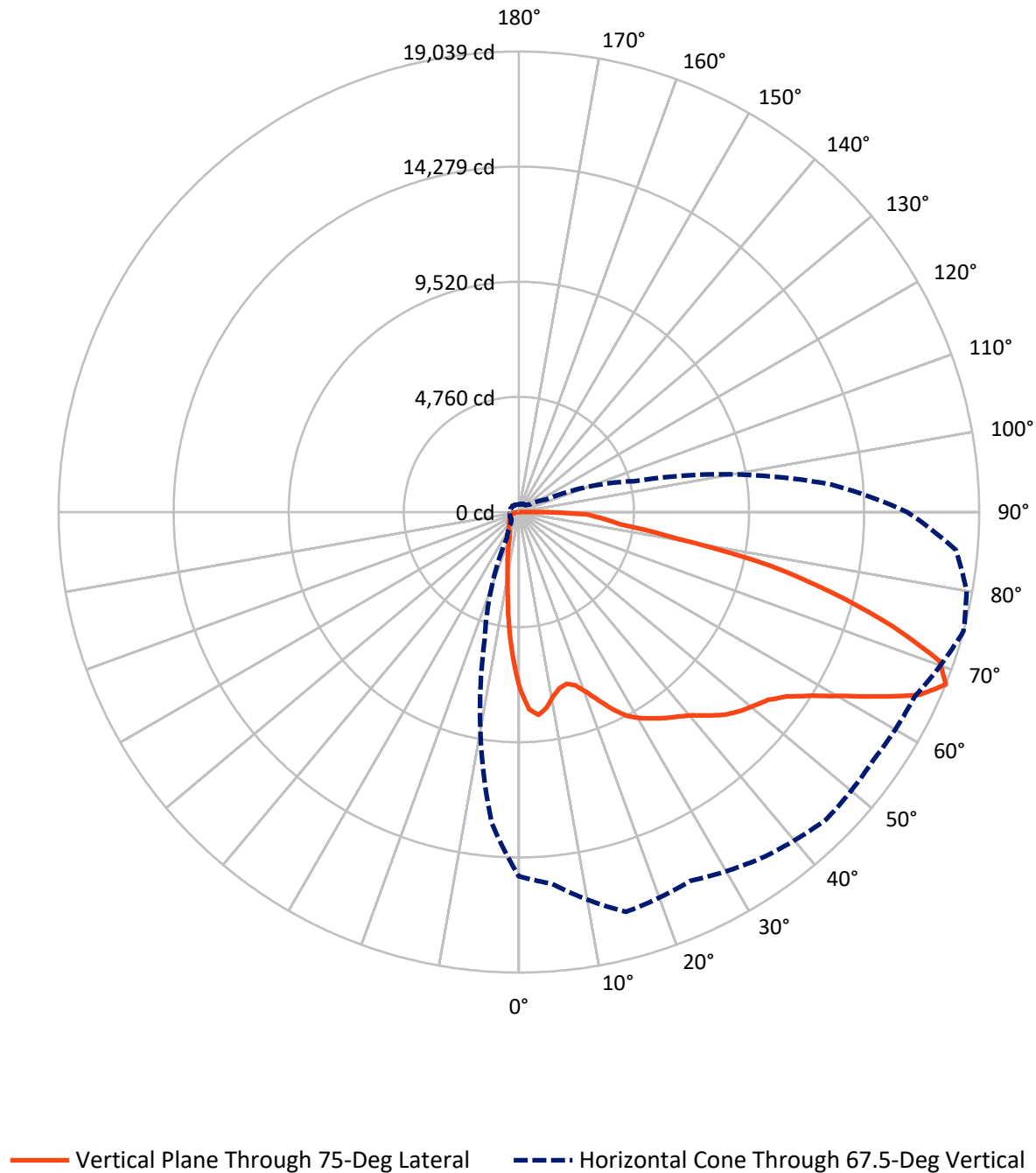
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.8 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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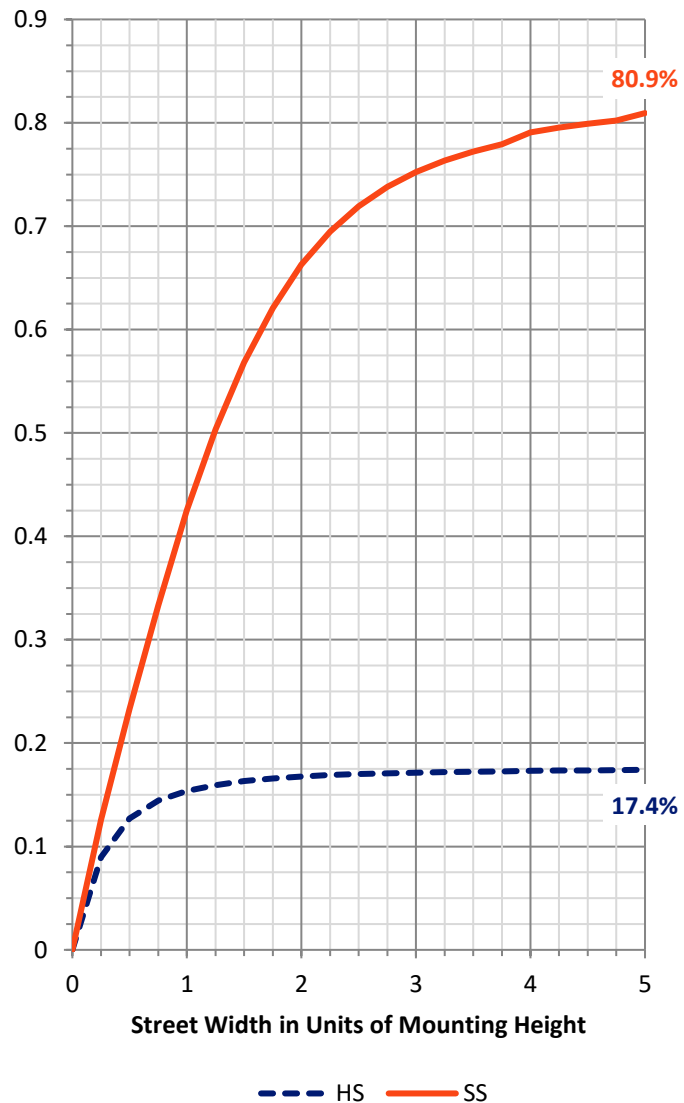
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4249.7	0.0	4249.7
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	19879.3	0.0	19879.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	24129.0	0.0	24129.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	567.3	2.4
10°-20°	1178.6	4.9
20°-30°	1676.2	6.9
30°-40°	2415.4	10.0
40°-50°	3404.0	14.1
50°-60°	4732.1	19.6
60°-70°	5722.5	23.7
70°-80°	3517.6	14.6
80°-90°	915.3	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°	24129.0	100.0
0°-180°	24129.0	100.0

Coefficient of Utilization



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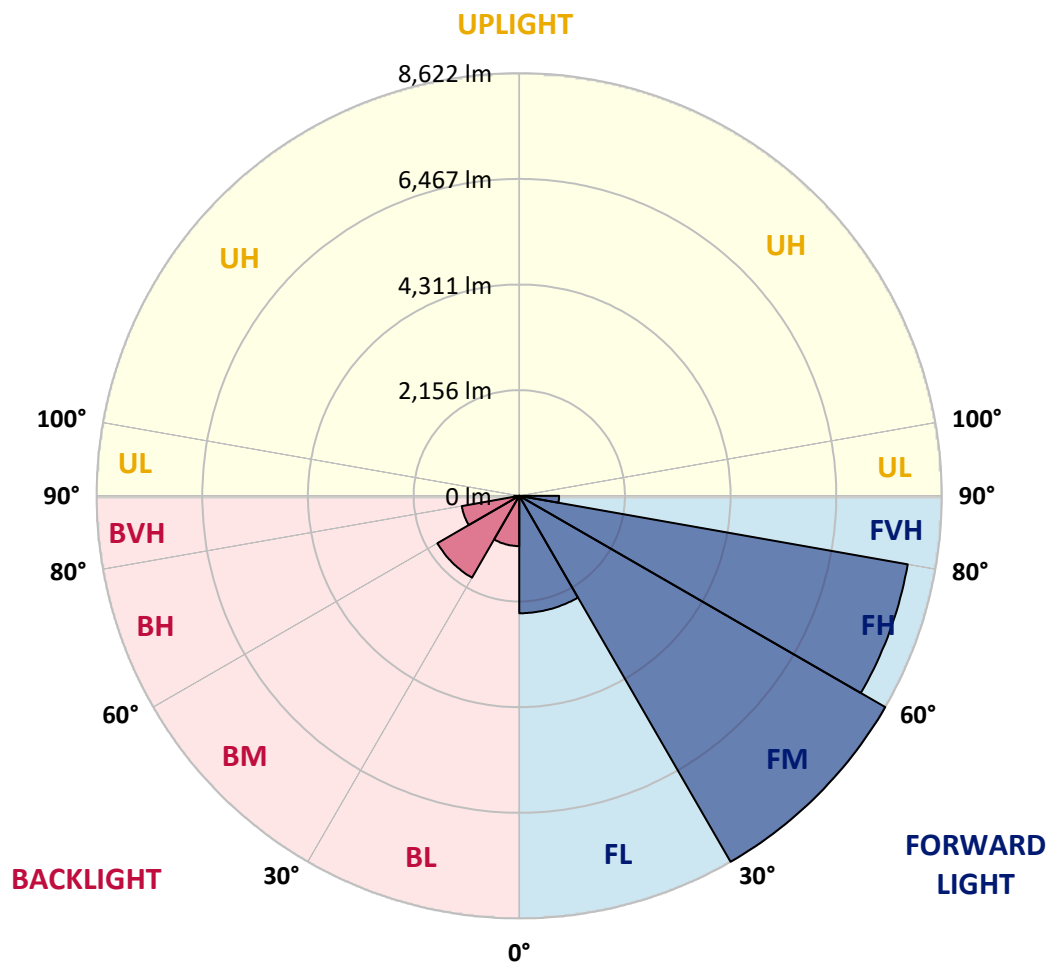
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2395.8	9.9			
FM	(30°-60°)	8622.4	35.7			
FH	(60°-80°)	8048.6	33.4			G4/12000
FVH	(80°-90°)	812.5	3.4			G5
BL	(0°-30°)	1026.3	4.3	B3/2500		
BM	(30°-60°)	1929.0	8.0	B2/2500		
BH	(60°-80°)	1191.5	4.9	B3/2500		G3/2500
BVH	(80°-90°)	102.8	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0
2.5°	7835.3	7938.5	8009.9	8080.3	8135.3	8189.3	8268.4	8347.5	8363.0	8377.5	8346.6
5°	7789.0	8040.8	8254.9	8468.1	8665.9	8863.7	8982.3	9101.0	9125.1	9149.2	9074.9
7.5°	7290.2	7661.6	8033.1	8404.5	8745.0	9085.5	9293.0	9499.4	9546.7	9593.0	9471.4
10°	6723.0	7155.2	7611.5	8067.8	8516.4	8965.0	9265.0	9565.0	9624.8	9684.6	9533.2
12.5°	6291.8	6763.5	7250.7	7737.9	8211.5	8684.2	8994.9	9305.5	9379.8	9454.1	9344.1
15°	6125.8	6642.9	7101.2	7559.4	7972.3	8384.2	8638.9	8892.6	8923.5	8953.4	8936.0
17.5°	6291.8	6861.9	7276.7	7690.6	7915.4	8139.2	8241.4	8342.7	8376.5	8409.3	8453.7
20°	6777.0	7392.5	7684.8	7976.1	7966.5	7955.9	7906.7	7856.5	7847.8	7839.2	7964.6
22.5°	7469.7	8184.5	8301.2	8417.0	8145.9	7874.8	7709.9	7544.0	7511.2	7477.4	7610.5
25°	8282.9	9044.1	9022.8	9000.6	8484.5	7967.5	7653.0	7338.5	7301.8	7265.2	7379.0
27.5°	9167.5	9894.9	9756.0	9617.1	8915.8	8214.4	7758.1	7301.8	7265.2	7228.5	7328.8
30°	9859.2	10519.1	10296.2	10073.4	9279.4	8485.5	7943.3	7401.2	7341.4	7280.6	7404.1
32.5°	10444.8	11006.3	10707.2	10408.1	9574.6	8741.1	8154.6	7568.1	7474.5	7380.9	7545.9
35°	11054.5	11492.5	11071.9	10650.3	9838.0	9024.8	8404.5	7783.2	7668.4	7553.6	7780.3
37.5°	11740.4	12104.1	11500.2	10895.3	10134.2	9373.0	8778.8	8183.5	8065.9	7948.2	8237.6
40°	12464.9	12767.8	11962.3	11156.8	10458.3	9759.9	9296.8	8832.8	8720.9	8608.0	8959.2
42.5°	13098.7	13319.6	12392.5	11465.5	10849.0	10231.6	9905.5	9578.5	9577.5	9575.6	9931.6
45°	13576.2	13768.2	12751.4	11733.6	11230.1	10725.5	10555.7	10386.0	10522.0	10658.0	10980.2
47.5°	13972.7	14102.9	13052.4	12000.9	11666.1	11331.4	11356.4	11381.5	11658.4	11935.3	12142.7
50°	14426.1	14321.0	13325.4	12328.9	12225.6	12122.4	12348.2	12572.9	12891.3	13208.7	13349.5
52.5°	14917.2	14638.4	13695.8	12752.4	12868.1	12983.9	13443.1	13902.3	14223.5	14544.8	14597.8
55°	15799.9	15372.5	14376.9	13380.4	13603.2	13825.1	14499.4	15172.8	15423.6	15674.4	15693.7
57.5°	16794.5	16415.3	15331.0	14246.7	14485.9	14725.2	15503.7	16281.2	16552.3	16822.4	16784.8
60°	17177.4	17195.8	16236.9	15277.0	15518.2	15759.3	16517.6	17275.8	17587.4	17898.1	17815.1
62.5°	16791.6	17244.0	16731.8	16218.5	16437.5	16655.5	17398.4	18141.2	18460.5	18779.8	18635.1
65°	16028.5	16477.1	16706.7	16936.3	17008.6	17081.0	17774.6	18467.2	18712.3	18956.4	18883.0
67.5°	15058.0	15420.7	16267.7	17113.8	16968.1	16822.4	17147.5	17472.6	17724.4	17976.2	17934.7
70°	13934.1	14366.3	15496.0	16625.6	15909.8	15193.1	15059.0	14924.9	15196.9	15468.0	15300.1
72.5°	11918.9	12571.0	13775.9	14979.9	13661.1	12342.4	11884.1	11425.9	11770.3	12114.7	11847.5
75°	9002.6	9867.9	11199.2	12529.5	10956.1	9382.7	8771.1	8159.4	8455.6	8751.8	8568.5
77.5°	6260.9	7346.2	8657.2	9968.2	8368.8	6768.3	6314.0	5858.6	5947.4	6035.2	6004.3
80°	4268.8	4982.7	5897.2	6810.8	5745.8	4680.7	4716.4	4751.1	4709.7	4667.2	4729.0
82.5°	2677.0	3179.7	3885.8	4591.0	4025.7	3460.4	3784.5	4108.7	3949.5	3789.3	3849.2
85°	1507.8	1814.6	2505.3	3195.1	2978.0	2760.0	2950.1	3139.1	2892.2	2645.2	2754.2
87.5°	287.5	478.5	1386.3	2293.1	2081.8	1870.6	1625.5	1380.5	1053.5	726.4	1061.2
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°	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0
2.5°	8315.7	8299.3	8282.9	8224.1	8164.3	8075.5	8002.2	7874.8	7805.4	7700.2	7595.1
5°	8999.7	8895.5	8791.3	8611.9	8431.5	8230.8	8000.3	7744.6	7551.7	7300.8	7050.0
7.5°	9349.9	9106.8	8862.7	8518.3	8172.9	7862.3	7497.6	7158.1	6868.7	6542.6	6216.5
10°	9381.7	9017.0	8651.4	8203.8	7755.2	7378.0	6958.4	6581.2	6233.9	5859.6	5484.3
12.5°	9233.1	8845.3	8456.6	7963.6	7469.7	7041.3	6589.9	6167.3	5782.4	5370.5	4957.6
15°	8918.7	8609.0	8298.3	7836.3	7374.2	6942.0	6504.0	6003.3	5568.2	5146.7	4724.1
17.5°	8497.1	8350.4	8202.8	7869.1	7534.3	7160.0	6735.5	6148.0	5638.7	5180.4	4722.2
20°	8089.0	8143.0	8196.1	8063.0	7929.8	7629.8	7259.4	6599.5	5949.3	5350.2	4750.2
22.5°	7742.7	8002.2	8260.7	8363.9	8466.2	8285.8	7996.4	7233.3	6372.8	5590.4	4808.1
25°	7491.9	7922.1	8352.4	8695.8	9038.3	8958.2	8735.4	8003.2	6934.3	5936.8	4938.3
27.5°	7429.2	7956.8	8484.5	9017.0	9548.6	9622.9	9561.1	8814.5	7603.8	6367.0	5129.3
30°	7527.6	8062.0	8595.5	9243.8	9891.1	10187.2	10270.2	9490.7	8368.8	6868.7	5367.6
32.5°	7710.8	8234.7	8758.5	9464.7	10169.9	10617.5	10881.8	10109.1	8902.3	7246.8	5590.4
35°	8007.0	8497.1	8987.1	9722.2	10457.3	11036.2	11518.5	10747.7	9375.9	7511.2	5645.4
37.5°	8526.0	8947.6	9369.2	10048.3	10726.5	11477.0	12201.5	11451.0	9888.2	7765.8	5642.5
40°	9310.3	9608.4	9905.5	10479.5	11052.6	11997.0	12975.2	12235.3	10454.5	8041.7	5629.0
42.5°	10287.6	10440.9	10593.4	11047.7	11502.1	12540.1	13677.5	13002.2	10994.7	8298.3	5602.0
45°	11301.5	11342.0	11382.5	11669.0	11954.6	12970.4	14156.0	13578.2	11466.4	8521.2	5575.0
47.5°	12349.1	12210.2	12071.3	12185.1	12299.0	13300.3	14497.5	14015.2	11940.1	8768.2	5595.3
50°	13490.4	13103.5	12716.7	12656.9	12597.1	13630.2	14899.8	14570.8	12509.3	9128.0	5746.7
52.5°	14649.9	14012.3	13374.6	13138.2	12900.9	14023.8	15433.3	15262.5	13321.5	9685.6	6048.7
55°	15713.0	14901.7	14090.4	13772.1	13453.7	14625.8	16084.4	16278.3	14362.5	10398.5	6433.6
57.5°	16746.2	15826.9	14907.5	14612.3	14317.1	15510.4	16909.3	17190.0	15414.0	11082.5	6750.0
60°	17732.1	16822.4	15911.8	15675.4	15438.1	16610.2	17800.6	17596.1	15956.1	11402.8	6848.4
62.5°	18490.4	17766.9	17043.4	16918.9	16793.5	17722.5	18485.6	17437.9	15611.7	11087.3	6562.9
65°	18809.7	18397.8	17984.9	18101.6	18217.4	18563.7	18656.3	16974.9	14529.3	10203.6	5877.9
67.5°	17892.3	17976.2	18060.1	18550.2	19039.3	18801.0	18148.9	16062.3	12988.7	8951.4	4914.2
70°	15131.3	15634.9	16137.5	17297.1	18455.7	17927.0	16789.6	14424.2	11134.6	7509.2	3882.9
72.5°	11579.3	12145.6	12710.9	14431.9	16152.0	15664.8	14271.8	11847.5	8927.3	5996.6	3064.9
75°	8384.2	9023.8	9662.4	11561.0	13459.5	12783.2	10675.4	8482.6	6780.9	4577.5	2373.2
77.5°	5972.5	6400.8	6829.1	8704.5	10578.9	9477.2	7106.0	5708.1	4693.3	3181.6	1668.9
80°	4790.7	4659.5	4528.3	5573.1	6617.8	6434.5	4700.0	3665.9	3248.1	2132.0	1015.8
82.5°	3908.0	3587.7	3267.4	3759.4	4251.4	4224.4	3261.7	2689.6	2417.5	1481.8	546.0
85°	2862.3	2734.0	2605.7	3040.7	3475.8	3104.4	2209.2	1709.4	1885.0	1091.1	297.1
87.5°	1395.9	1594.6	1792.4	2305.6	2817.9	2115.6	670.5	331.9	459.2	302.0	143.7
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: P320432
 CATALOG NUMBER: GAN-SA8A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320432

CATALOG NUMBER: GAN-SA8A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0
2.5°	7516.9	7437.8	7348.1	7258.4	7156.1	7052.9	6992.1	6930.4	6863.8	6797.3	6722.0
5°	6884.1	6718.2	6530.1	6341.9	6155.7	5969.6	5869.2	5768.9	5662.8	5555.7	5463.1
7.5°	5975.4	5733.2	5472.7	5211.3	4979.8	4747.3	4603.5	4458.8	4327.6	4195.5	4084.5
10°	5175.6	4866.9	4605.5	4343.1	4168.5	3993.9	3861.7	3729.5	3602.2	3473.9	3351.4
12.5°	4648.9	4340.2	4174.3	4008.3	3863.6	3718.9	3566.5	3413.1	3238.5	3062.9	2934.6
15°	4443.4	4162.7	3978.4	3793.2	3599.3	3404.4	3217.3	3030.1	2823.7	2617.2	2471.6
17.5°	4354.7	3987.1	3729.5	3471.0	3215.3	2959.7	2742.6	2525.6	2299.8	2074.1	1926.5
20°	4261.1	3772.0	3426.6	3080.3	2752.3	2424.3	2178.3	1932.3	1730.7	1529.0	1416.2
22.5°	4176.2	3543.3	3110.2	2676.1	2288.3	1900.5	1659.3	1417.1	1293.7	1170.2	1124.8
25°	4141.5	3343.6	2811.1	2278.6	1869.6	1459.6	1287.9	1116.2	1068.9	1020.7	997.5
27.5°	4147.2	3165.2	2559.3	1952.6	1584.0	1215.5	1097.8	980.1	951.2	921.3	906.8
30°	4169.4	2971.3	2322.0	1672.8	1368.9	1065.0	988.8	911.6	880.8	849.9	831.6
32.5°	4194.5	2797.6	2138.7	1478.9	1231.0	982.1	919.4	855.7	825.8	795.9	777.5
35°	4151.1	2655.8	2013.3	1370.8	1142.2	912.6	859.5	805.5	772.7	739.9	722.6
37.5°	4077.8	2513.0	1915.9	1317.8	1084.3	849.9	811.3	771.8	738.0	703.3	686.9
40°	4011.2	2392.5	1843.5	1293.7	1052.5	810.3	777.5	744.7	710.0	674.3	655.0
42.5°	3957.2	2311.4	1772.2	1232.9	1023.5	813.2	766.9	719.7	685.9	652.1	630.9
45°	3916.7	2258.4	1716.2	1174.0	996.5	819.0	760.2	701.3	667.6	632.8	607.8
47.5°	3912.8	2230.4	1676.6	1122.9	945.4	766.9	742.8	718.7	669.5	619.3	590.4
50°	3965.9	2185.0	1630.3	1074.7	896.2	717.7	750.5	782.4	698.4	613.5	576.9
52.5°	4076.8	2105.0	1557.0	1009.1	836.4	662.7	713.9	764.0	691.7	618.4	571.1
55°	4210.9	1987.3	1446.1	903.9	757.3	609.7	655.0	699.4	654.1	607.8	550.8
57.5°	4294.8	1838.7	1306.2	773.7	668.5	563.4	589.4	614.5	596.2	577.9	520.0
60°	4244.7	1641.0	1149.0	656.0	590.4	524.8	520.0	514.2	541.2	568.2	501.6
62.5°	3999.6	1436.4	1010.0	583.6	534.4	484.3	473.7	462.1	506.5	549.9	479.5
65°	3585.8	1293.7	922.3	550.8	495.9	440.9	429.3	417.7	431.2	444.7	411.9
67.5°	3060.0	1205.9	872.1	538.3	471.7	404.2	390.7	377.2	374.3	371.4	359.8
70°	2517.9	1151.9	839.3	526.7	445.7	363.7	351.2	338.6	334.8	329.9	321.2
72.5°	2105.0	1145.1	835.4	525.8	424.5	323.2	311.6	300.0	295.2	289.4	282.7
75°	1723.9	1074.7	793.0	511.3	395.5	278.8	268.2	257.6	253.7	248.9	243.1
77.5°	1279.2	889.5	666.6	443.8	338.6	233.5	222.8	211.3	210.3	208.4	203.6
80°	829.6	643.5	476.6	309.7	247.0	183.3	174.6	165.0	165.9	166.9	163.0
82.5°	461.1	375.3	291.3	207.4	168.8	130.2	126.4	121.6	124.4	126.4	121.6
85°	243.1	189.1	156.3	123.5	97.4	71.4	71.4	70.4	74.3	78.1	74.3
87.5°	105.2	66.6	56.9	46.3	26.0	4.8	5.8	5.8	7.7	9.6	8.7
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: P320432
 CATALOG NUMBER: GAN-SA8A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320432

CATALOG NUMBER: GAN-SA8A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0
2.5°	6645.8	6575.4	6504.0	6425.9	6440.3	6380.5	6320.7	6283.1	6245.5	6233.9	6222.3
5°	5370.5	5290.4	5209.4	5137.0	5199.7	5157.3	5114.8	5109.1	5102.3	5102.3	5101.3
7.5°	3973.6	3887.7	3800.9	3741.1	3802.8	3795.1	3787.4	3828.9	3870.4	3904.1	3936.9
10°	3228.9	3124.7	3019.5	2930.8	2915.3	2870.9	2825.6	2835.3	2843.9	2880.6	2917.3
12.5°	2806.3	2681.9	2557.4	2453.2	2406.0	2332.6	2258.4	2212.1	2165.8	2170.6	2174.4
15°	2324.9	2204.3	2082.8	1993.1	1963.2	1906.2	1849.3	1791.4	1732.6	1708.5	1683.4
17.5°	1777.9	1681.5	1584.0	1524.2	1524.2	1507.8	1491.4	1462.5	1432.6	1408.5	1383.4
20°	1303.3	1252.2	1200.1	1175.0	1182.7	1183.7	1183.7	1198.2	1212.6	1204.9	1197.2
22.5°	1078.5	1060.2	1041.9	1031.3	1035.1	1036.1	1037.1	1050.6	1063.1	1072.7	1081.4
25°	973.4	961.8	950.2	946.4	955.1	956.0	956.0	964.7	973.4	983.0	992.7
27.5°	891.4	886.6	881.7	875.0	883.7	883.7	882.7	892.3	901.0	909.7	917.4
30°	813.2	815.2	816.1	814.2	820.0	823.9	826.7	833.5	839.3	846.0	852.8
32.5°	758.3	755.4	752.5	750.5	763.1	769.8	776.6	783.3	789.1	792.0	794.9
35°	705.2	698.4	691.7	686.9	698.4	707.1	715.8	728.3	739.9	741.9	743.8
37.5°	669.5	660.8	652.1	646.3	651.2	655.0	658.9	672.4	685.9	693.6	700.4
40°	635.7	627.1	618.4	613.5	616.4	617.4	618.4	625.1	630.9	645.4	658.9
42.5°	608.7	598.1	587.5	581.7	583.6	585.6	586.5	585.6	584.6	598.1	611.6
45°	581.7	570.1	558.6	551.8	552.8	552.8	552.8	550.8	547.9	554.7	561.5
47.5°	560.5	547.0	533.5	526.7	524.8	522.9	520.9	520.0	518.0	522.9	526.7
50°	539.3	524.8	509.4	501.6	496.8	494.9	493.0	492.0	490.1	494.9	498.7
52.5°	522.9	505.5	488.1	475.6	470.8	467.9	465.0	466.0	466.0	467.9	468.8
55°	493.9	478.5	462.1	453.4	444.7	442.8	440.9	443.8	445.7	445.7	445.7
57.5°	462.1	447.6	432.2	426.4	418.7	418.7	417.7	421.6	424.5	426.4	428.3
60°	434.1	417.7	401.3	396.5	393.6	392.6	391.7	396.5	400.4	404.2	408.1
62.5°	408.1	390.7	373.3	367.6	366.6	367.6	367.6	372.4	376.2	380.1	384.0
65°	379.1	361.8	343.4	337.6	339.6	342.5	345.4	349.2	352.1	356.0	359.8
67.5°	347.3	332.8	317.4	311.6	312.6	316.4	320.3	323.2	325.1	329.0	332.8
70°	312.6	300.0	287.5	283.6	282.7	287.5	291.3	293.3	295.2	300.0	303.9
72.5°	274.9	264.3	253.7	250.8	251.8	254.7	257.6	260.5	262.4	267.2	271.1
75°	236.4	226.7	217.1	215.1	217.1	220.0	222.8	224.8	226.7	232.5	237.3
77.5°	198.7	188.1	176.5	175.6	178.5	181.4	183.3	186.2	189.1	196.8	204.5
80°	159.2	147.6	135.1	134.1	137.0	139.9	142.8	145.7	148.6	158.2	166.9
82.5°	116.7	103.2	89.7	87.8	97.4	100.3	103.2	108.0	111.9	120.6	129.3
85°	70.4	56.9	43.4	42.4	51.1	56.0	60.8	66.6	71.4	79.1	86.8
87.5°	7.7	3.9	0.0	0.0	1.0	4.8	8.7	13.5	18.3	26.0	32.8
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: P320432
 CATALOG NUMBER: GAN-SA8A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320432

CATALOG NUMBER: GAN-SA8A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0
2.5°	6179.9	6136.5	6180.8	6224.2	6242.6	6260.9	6213.6	6165.4	6240.6	6314.9	6334.2
5°	5062.7	5023.2	5053.1	5082.0	5017.4	4952.8	4946.0	4938.3	4994.3	5050.2	5058.9
7.5°	3924.4	3911.9	3939.8	3967.8	3885.8	3802.8	3762.3	3721.8	3735.3	3748.8	3746.9
10°	2925.9	2933.7	2968.4	3002.1	2938.5	2874.8	2846.8	2818.9	2849.7	2879.6	2907.6
12.5°	2191.8	2208.2	2244.9	2280.6	2254.5	2227.5	2230.4	2233.3	2269.0	2303.7	2334.6
15°	1702.7	1722.0	1748.0	1773.1	1774.1	1774.1	1799.2	1823.3	1820.4	1817.5	1838.7
17.5°	1409.4	1434.5	1437.4	1440.3	1441.3	1442.2	1440.3	1438.4	1423.9	1409.4	1425.8
20°	1206.8	1215.5	1223.2	1230.0	1221.3	1211.7	1187.5	1163.4	1153.8	1144.1	1159.6
22.5°	1097.8	1113.3	1105.5	1096.9	1079.5	1061.2	1042.8	1023.5	1022.6	1020.7	1029.3
25°	1006.2	1018.7	1005.2	991.7	979.2	966.6	954.1	941.5	940.6	939.6	943.5
27.5°	930.0	941.5	929.0	916.5	905.9	895.2	885.6	875.9	874.0	872.1	873.1
30°	864.4	875.0	864.4	852.8	845.1	836.4	829.6	822.9	821.9	821.0	821.0
32.5°	805.5	816.1	808.4	800.7	793.9	787.2	782.4	777.5	772.7	767.9	757.3
35°	754.4	765.0	760.2	754.4	746.7	739.0	730.3	720.6	708.1	694.6	688.8
37.5°	711.0	721.6	716.8	711.9	701.3	690.7	675.3	658.9	655.0	650.2	649.2
40°	676.3	692.7	683.0	672.4	656.0	639.6	631.9	624.2	622.2	620.3	618.4
42.5°	637.7	662.7	645.4	628.0	612.6	597.1	595.2	593.3	592.3	591.4	591.4
45°	589.4	616.4	599.1	580.7	572.1	563.4	563.4	563.4	564.3	564.3	566.3
47.5°	544.1	560.5	551.8	543.1	538.3	533.5	534.4	535.4	538.3	540.2	545.1
50°	505.5	511.3	513.2	514.2	511.3	508.4	510.3	511.3	514.2	516.1	520.0
52.5°	477.5	486.2	486.2	485.2	485.2	485.2	487.2	489.1	492.0	494.9	498.7
55°	459.2	471.7	467.9	464.0	465.0	465.0	466.9	468.8	471.7	473.7	479.5
57.5°	441.8	455.3	451.5	447.6	447.6	447.6	448.6	449.6	452.4	454.4	458.2
60°	421.6	435.1	431.2	426.4	427.4	428.3	429.3	429.3	431.2	432.2	432.2
62.5°	397.5	411.0	407.1	402.3	405.2	407.1	407.1	407.1	409.0	410.0	407.1
65°	372.4	384.9	381.1	377.2	381.1	384.0	385.9	386.8	385.9	384.9	382.0
67.5°	345.4	357.9	354.0	349.2	354.0	357.9	361.8	364.7	361.8	358.9	355.0
70°	316.4	329.0	324.1	319.3	324.1	329.0	332.8	336.7	332.8	329.0	328.0
72.5°	285.6	300.0	294.2	288.4	294.2	300.0	302.0	303.9	301.0	298.1	296.2
75°	251.8	266.3	261.4	255.6	260.5	265.3	266.3	267.2	267.2	266.3	260.5
77.5°	216.1	227.7	224.8	221.9	224.8	227.7	227.7	227.7	228.6	228.6	220.9
80°	173.6	180.4	181.4	182.3	183.3	184.3	183.3	182.3	180.4	178.5	173.6
82.5°	129.3	129.3	137.0	143.7	143.7	142.8	141.8	139.9	136.0	131.2	120.6
85°	82.0	77.2	89.7	101.3	101.3	100.3	98.4	95.5	87.8	79.1	70.4
87.5°	28.0	23.2	35.7	48.2	49.2	49.2	47.3	45.3	37.6	28.9	22.2
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: P320432
 CATALOG NUMBER: GAN-SA8A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320432

CATALOG NUMBER: GAN-SA8A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0
2.5°	6363.2	6375.7	6387.3	6481.8	6575.4	6685.4	6795.3	6879.3	6962.2	7048.1	7134.0
5°	5088.8	5104.2	5119.7	5234.5	5348.3	5501.7	5655.1	5787.2	5919.4	6074.7	6230.0
7.5°	3772.0	3805.7	3838.5	3961.1	4082.6	4247.6	4411.6	4584.3	4756.0	4958.6	5161.1
10°	2962.6	3026.3	3089.0	3214.4	3339.8	3502.8	3664.9	3845.3	4025.7	4225.4	4424.1
12.5°	2398.2	2483.1	2567.1	2717.6	2868.1	3062.9	3256.8	3457.5	3657.2	3832.8	4008.3
15°	1894.7	1987.3	2078.9	2238.1	2397.3	2611.4	2824.6	3043.6	3261.7	3472.0	3682.3
17.5°	1477.9	1554.1	1629.4	1764.4	1898.5	2105.9	2313.4	2542.9	2772.5	3029.2	3284.8
20°	1192.4	1224.2	1256.0	1353.5	1449.9	1618.8	1786.6	2021.0	2255.5	2562.2	2869.0
22.5°	1044.8	1061.2	1076.6	1123.9	1170.2	1279.2	1387.2	1594.6	1801.1	2135.8	2469.6
25°	956.0	968.6	981.1	1012.0	1042.8	1094.9	1147.0	1292.7	1438.4	1767.3	2095.3
27.5°	875.9	895.2	913.6	928.0	941.5	977.2	1012.0	1107.5	1203.0	1509.8	1815.6
30°	818.1	824.8	831.6	853.8	875.0	911.6	948.3	1014.9	1081.4	1340.9	1599.5
32.5°	750.5	760.2	769.8	793.0	816.1	849.9	883.7	937.7	990.7	1212.6	1433.5
35°	689.8	699.4	709.1	732.2	754.4	791.1	826.7	872.1	916.5	1109.4	1302.3
37.5°	652.1	661.8	671.4	691.7	711.0	747.6	783.3	819.0	853.8	1032.2	1210.7
40°	620.3	629.9	639.6	658.9	677.2	712.9	747.6	777.5	807.5	974.3	1141.2
42.5°	592.3	602.9	613.5	632.8	651.2	683.0	714.8	754.4	793.0	924.2	1054.4
45°	569.2	579.8	589.4	610.7	631.9	662.7	693.6	748.6	803.6	898.1	992.7
47.5°	547.9	559.5	570.1	593.3	616.4	655.0	692.7	739.0	784.3	877.9	971.5
50°	527.7	541.2	554.7	582.7	609.7	674.3	738.0	744.7	750.5	861.5	971.5
52.5°	508.4	523.8	539.3	574.0	607.8	683.0	758.3	734.1	709.1	830.6	952.2
55°	489.1	502.6	515.1	557.6	600.0	655.0	710.0	678.2	645.4	772.7	900.1
57.5°	463.1	477.5	491.0	536.4	581.7	620.3	657.9	629.0	599.1	707.1	814.2
60°	436.0	452.4	468.8	526.7	583.6	576.9	569.2	563.4	556.6	633.8	711.0
62.5°	411.9	429.3	446.7	521.9	597.1	550.8	504.5	509.4	513.2	570.1	627.1
65°	387.8	405.2	421.6	459.2	496.8	478.5	460.2	467.9	474.6	530.6	586.5
67.5°	360.8	376.2	390.7	403.2	415.8	417.7	419.6	427.4	435.1	501.6	567.2
70°	330.9	343.4	356.0	364.7	372.4	376.2	379.1	388.8	398.4	470.8	543.1
72.5°	297.1	307.7	317.4	325.1	332.8	335.7	337.6	347.3	356.9	434.1	511.3
75°	260.5	269.2	276.9	283.6	290.4	294.2	298.1	304.8	311.6	395.5	478.5
77.5°	220.0	228.6	236.4	242.1	247.0	250.8	253.7	262.4	271.1	341.5	411.0
80°	171.7	182.3	192.0	196.8	200.7	201.6	201.6	209.3	217.1	267.2	316.4
82.5°	121.6	133.1	143.7	147.6	151.5	151.5	151.5	160.1	168.8	202.6	235.4
85°	71.4	83.9	95.5	99.4	103.2	105.2	106.1	110.0	112.9	137.0	160.1
87.5°	22.2	32.8	42.4	44.4	46.3	50.2	54.0	55.0	55.0	71.4	87.8
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: P320432
 CATALOG NUMBER: GAN-SA8A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320432

CATALOG NUMBER: GAN-SA8A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0	7351.0
2.5°	7232.4	7330.8	7445.6	7559.4	7656.8	7754.3	7835.3
5°	6427.8	6625.6	6867.7	7108.9	7324.0	7539.1	7789.0
7.5°	5416.8	5672.4	5986.0	6299.5	6603.4	6906.3	7290.2
10°	4684.6	4944.1	5275.9	5606.8	5948.3	6288.9	6723.0
12.5°	4219.6	4429.9	4751.1	5072.4	5473.7	5874.1	6291.8
15°	3912.8	4142.4	4455.0	4767.5	5206.5	5645.4	6125.8
17.5°	3585.8	3885.8	4286.2	4686.5	5206.5	5725.5	6291.8
20°	3243.3	3616.7	4135.7	4654.7	5355.0	6054.5	6777.0
22.5°	2901.8	3334.0	3999.6	4664.3	5579.8	6494.4	7469.7
25°	2594.1	3092.8	3916.7	4739.6	5906.9	7073.2	8282.9
27.5°	2360.6	2904.7	3882.9	4860.2	6321.7	7783.2	9167.5
30°	2153.2	2706.9	3842.4	4977.9	6721.1	8463.3	9859.2
32.5°	1973.8	2514.0	3764.3	5013.5	6999.9	8986.2	10444.8
35°	1832.9	2363.5	3633.1	4902.6	7174.5	9446.3	11054.5
37.5°	1711.4	2212.1	3483.5	4755.0	7329.8	9904.6	11740.4
40°	1595.6	2050.0	3355.2	4659.5	7544.0	10428.4	12464.9
42.5°	1485.6	1916.9	3252.0	4587.1	7742.7	10897.2	13098.7
45°	1403.6	1814.6	3160.4	4505.1	7871.0	11236.8	13576.2
47.5°	1363.1	1753.8	3111.2	4467.5	7999.3	11530.1	13972.7
50°	1357.3	1743.2	3167.1	4591.0	8277.1	11962.3	14426.1
52.5°	1356.4	1760.6	3328.2	4895.9	8793.2	12689.7	14917.2
55°	1336.1	1771.2	3520.2	5268.2	9485.9	13702.6	15799.9
57.5°	1274.4	1734.5	3718.0	5700.4	10218.1	14734.8	16794.5
60°	1178.9	1645.8	3881.0	6115.2	10710.1	15304.0	17177.4
62.5°	1059.2	1490.5	3935.0	6378.6	10696.6	15014.6	16791.6
65°	957.0	1327.4	3757.5	6186.6	10155.4	14123.2	16028.5
67.5°	866.3	1164.4	3313.7	5462.1	9182.0	12900.9	15058.0
70°	800.7	1057.3	2741.7	4426.0	7963.6	11500.2	13934.1
72.5°	759.2	1006.2	2235.2	3463.3	6462.5	9460.8	11918.9
75°	702.3	926.1	1753.8	2580.6	4946.0	7311.5	9002.6
77.5°	596.2	780.4	1321.6	1862.8	3629.2	5394.6	6260.9
80°	460.2	602.9	908.7	1214.6	2497.6	3780.7	4268.8
82.5°	328.0	420.6	550.8	681.1	1659.3	2636.5	2677.0
85°	202.6	245.0	315.5	385.9	1097.8	1809.8	1507.8
87.5°	109.0	130.2	166.9	202.6	351.2	499.7	287.5
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



REPORT NUMBER: P320432
 CATALOG NUMBER: GAN-SA8A-827-U-SLL

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)