

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: P320273

Luminaire Tested: **GAN-SA9A-730-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320273
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-SA9A-730-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3000K, 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: 33343 lumens
Efficiency: N/A
Efficacy: 115.0 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

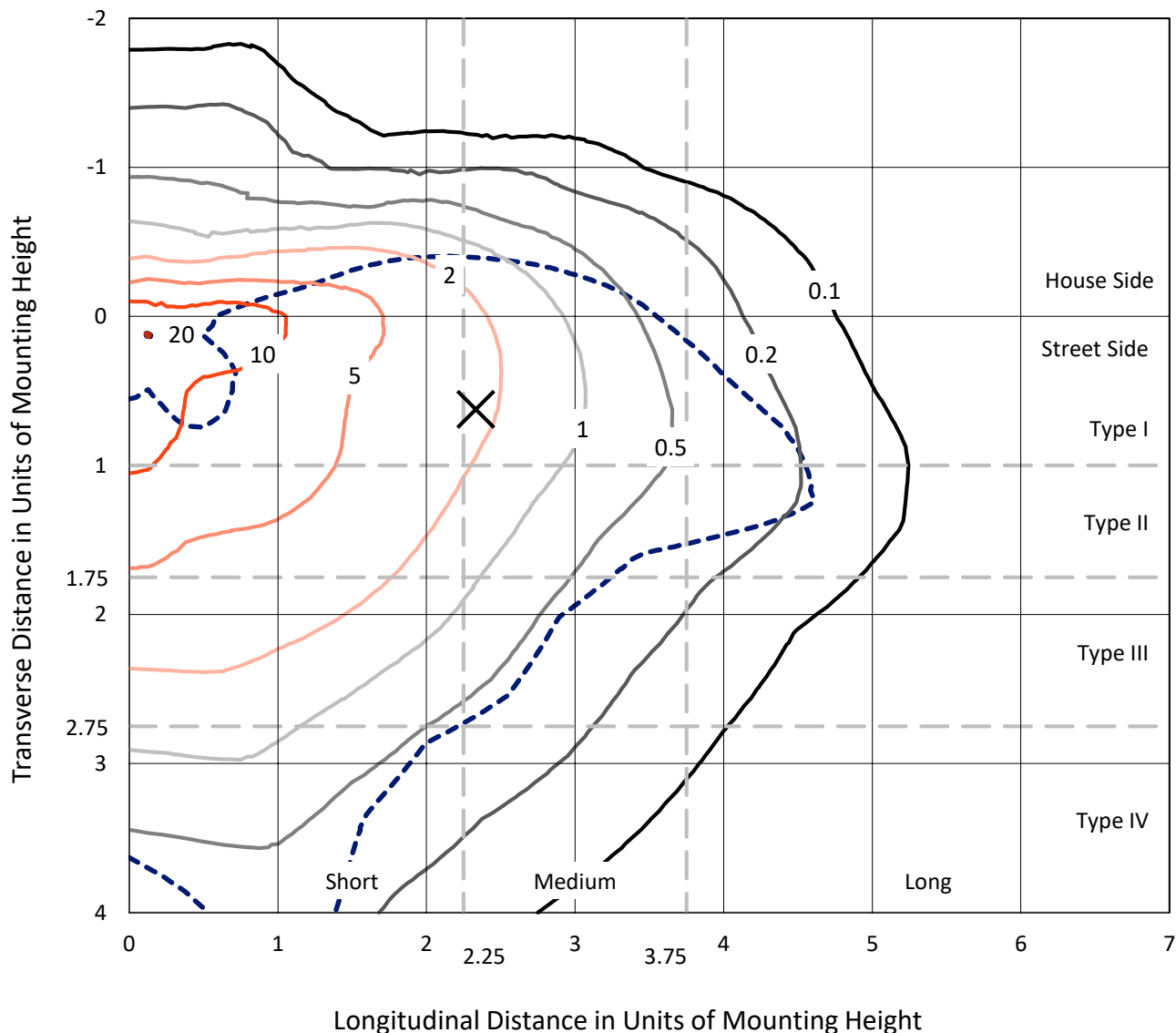
Input Watts (W): 290
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

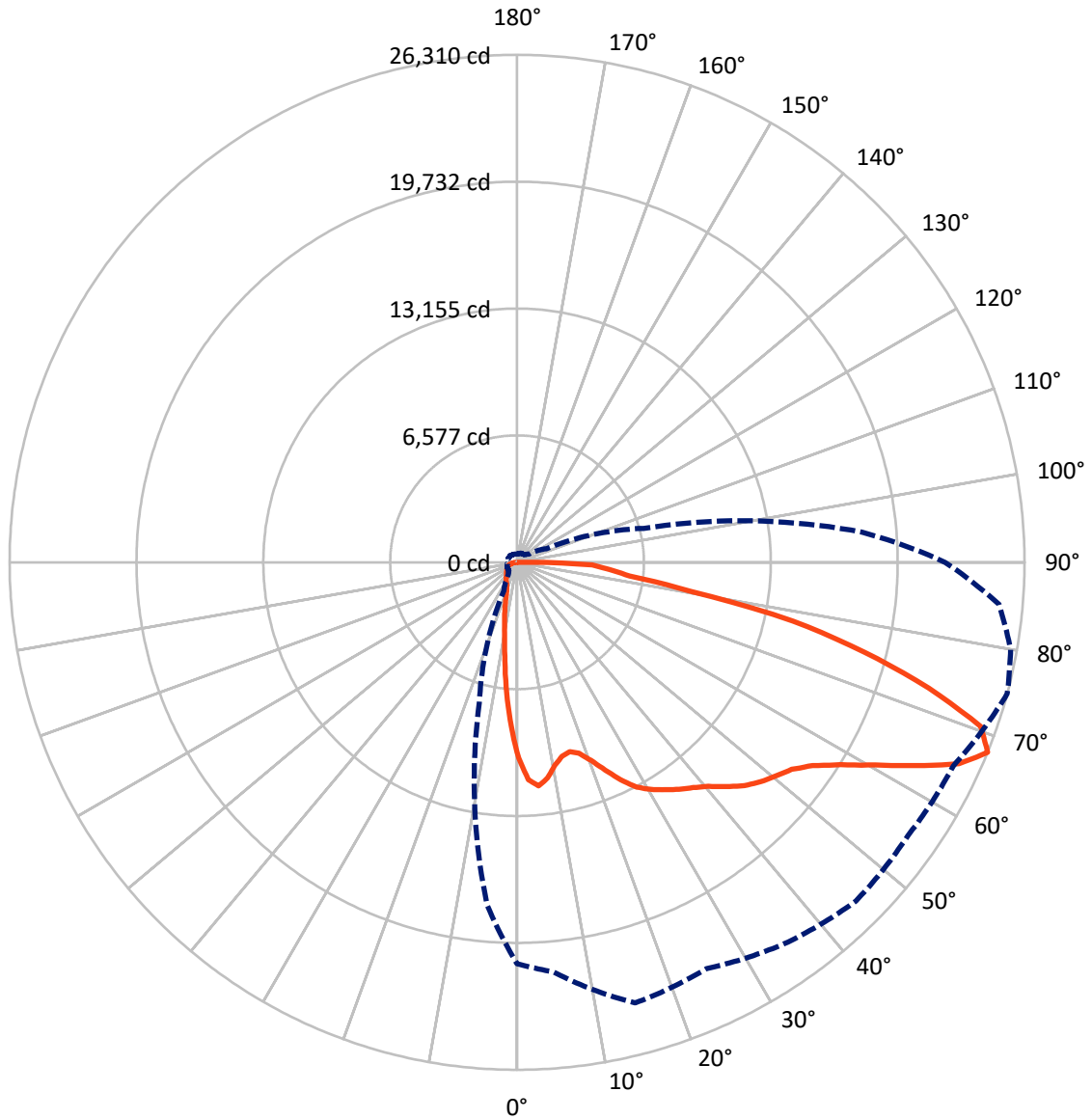
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.4 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5872.5	0.0	5872.5
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	27470.5	0.0	27470.5
	% Fixture	82.4	0.0	82.4
Total	Lumens	33343.0	0.0	33343.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	784.0	2.4
10°-20°	1628.6	4.9
20°-30°	2316.3	6.9
30°-40°	3337.7	10.0
40°-50°	4703.8	14.1
50°-60°	6539.1	19.6
60°-70°	7907.8	23.7
70°-80°	4860.8	14.6
80°-90°	1264.9	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	33343.0	100.0
0°-180°	33343.0	100.0

Coefficient of Utilization

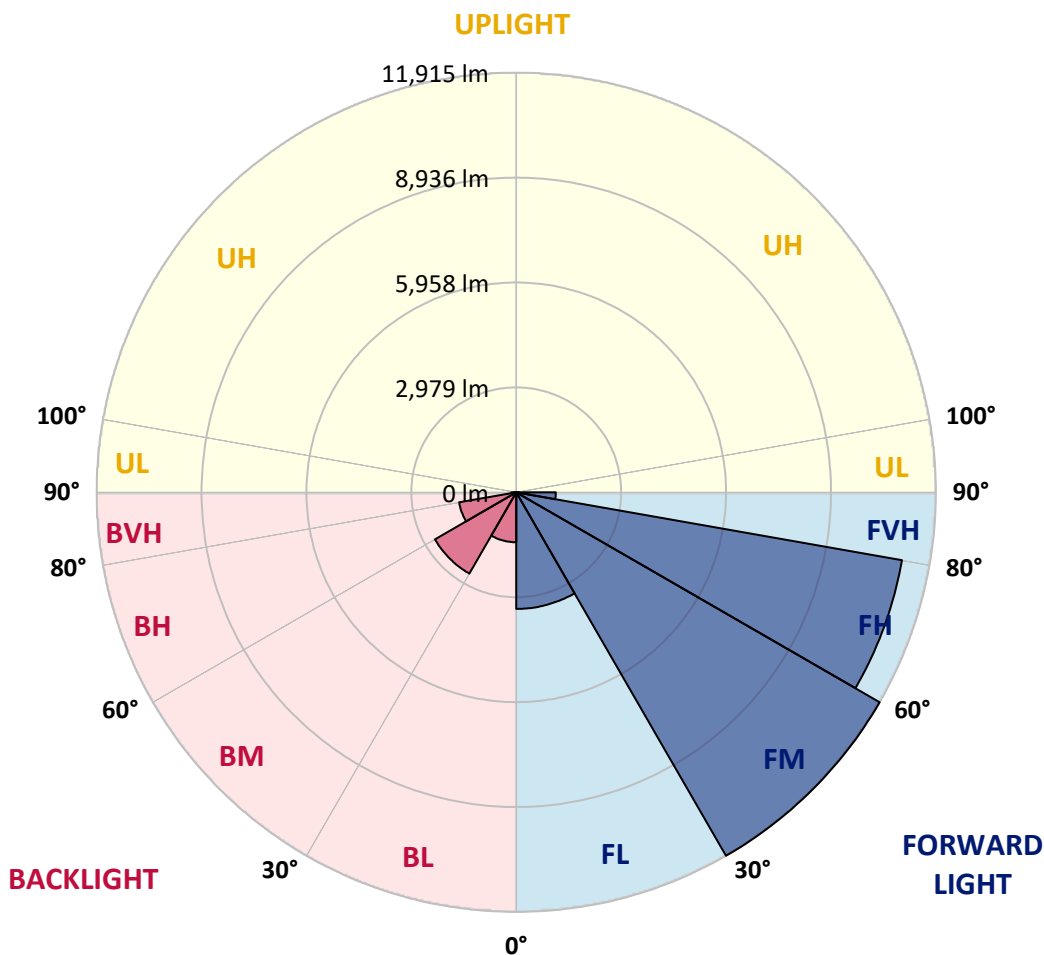


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3310.6	9.9			
FM (30°-60°)	11915.0	35.7			
FH (60°-80°)	11122.1	33.4			G4/12000
FVH (80°-90°)	1122.7	3.4			G5
BL (0°-30°)	1418.3	4.3	B3/2500		
BM (30°-60°)	2665.7	8.0	B3/5000		
BH (60°-80°)	1646.4	4.9	B3/2500		G3/2500
BVH (80°-90°)	142.1	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°	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1
2.5°	10827.3	10969.9	11068.6	11165.9	11241.9	11316.6	11425.9	11535.2	11556.5	11576.5	11533.8
5°	10763.3	11111.3	11407.2	11701.8	11975.1	12248.4	12412.3	12576.3	12609.6	12643.0	12540.3
7.5°	10074.1	10587.4	11100.6	11613.8	12084.4	12555.0	12841.6	13126.9	13192.2	13256.2	13088.2
10°	9290.3	9887.5	10518.0	11148.6	11768.5	12388.4	12802.9	13217.5	13300.2	13382.8	13173.5
12.5°	8694.4	9346.3	10019.5	10692.7	11347.2	12000.4	12429.7	12858.9	12961.6	13064.2	12912.3
15°	8465.1	9179.6	9812.8	10446.0	11016.6	11585.8	11937.8	12288.4	12331.0	12372.4	12348.4
17.5°	8694.4	9482.2	10055.5	10627.3	10938.0	11247.2	11388.5	11528.5	11575.2	11620.5	11681.8
20°	9364.9	10215.4	10619.3	11021.9	11008.6	10993.9	10926.0	10856.6	10844.6	10832.6	11005.9
22.5°	10322.1	11309.9	11471.2	11631.2	11256.6	10882.0	10654.0	10424.7	10379.4	10332.7	10516.7
25°	11445.9	12497.7	12468.3	12437.7	11724.5	11009.9	10575.4	10140.8	10090.1	10039.5	10196.8
27.5°	12668.3	13673.4	13481.5	13289.5	12320.4	11351.2	10720.7	10090.1	10039.5	9988.8	10127.4
30°	13624.1	14535.9	14228.0	13920.1	12822.9	11725.8	10976.6	10227.4	10144.8	10060.8	10231.4
32.5°	14433.3	15209.2	14795.9	14382.6	13230.9	12079.1	11268.6	10458.0	10328.7	10199.4	10427.4
35°	15275.8	15881.0	15299.8	14717.2	13594.8	12471.0	11613.8	10755.3	10596.7	10438.0	10751.3
37.5°	16223.6	16726.2	15891.7	15055.9	14004.0	12952.2	12131.1	11308.6	11145.9	10983.3	11383.2
40°	17224.8	17643.4	16530.2	15417.1	14452.0	13486.8	12846.9	12205.7	12051.1	11895.1	12380.4
42.5°	18100.6	18405.9	17124.8	15843.7	14991.9	14138.7	13688.1	13236.2	13234.9	13232.2	13724.1
45°	18760.5	19025.8	17620.7	16214.3	15518.4	14821.2	14586.6	14352.0	14539.9	14727.9	15173.2
47.5°	19308.4	19488.4	18036.6	16583.6	16121.0	15658.4	15693.1	15727.7	16110.3	16492.9	16779.5
50°	19934.9	19789.6	18413.9	17036.8	16894.2	16751.5	17063.5	17374.1	17814.0	18252.6	18447.2
52.5°	20613.5	20228.2	18925.8	17622.0	17782.0	17942.0	18576.5	19211.1	19655.0	20098.9	20172.2
55°	21833.3	21242.7	19867.0	18489.9	18797.8	19104.4	20036.3	20966.7	21313.3	21660.0	21686.6
57.5°	23207.7	22683.8	21185.4	19687.0	20017.6	20348.2	21424.0	22498.5	22873.1	23246.3	23194.3
60°	23736.9	23762.2	22437.1	21110.7	21444.0	21777.3	22825.1	23872.9	24303.5	24732.7	24618.1
62.5°	23203.7	23828.9	23121.0	22411.8	22714.4	23015.7	24042.2	25068.6	25509.9	25951.1	25751.2
65°	22149.2	22769.1	23086.4	23403.6	23503.6	23603.6	24562.1	25519.2	25857.8	26195.1	26093.8
67.5°	20808.1	21309.4	22479.8	23648.9	23447.6	23246.3	23695.6	24144.8	24492.8	24840.7	24783.4
70°	19255.1	19852.3	21413.3	22974.4	21985.2	20994.7	20809.4	20624.1	21000.1	21374.7	21142.7
72.5°	16470.3	17371.4	19036.4	20700.1	18877.8	17055.5	16422.3	15789.0	16265.0	16740.9	16371.6
75°	12440.3	13636.1	15475.8	17314.1	15139.8	12965.6	12120.4	11275.2	11684.5	12093.7	11840.5
77.5°	8651.7	10151.4	11963.1	13774.8	11564.5	9352.9	8725.0	8095.8	8218.5	8339.8	8297.1
80°	5898.9	6885.4	8149.1	9411.6	7939.8	6468.1	6517.4	6565.4	6508.1	6449.5	6534.8
82.5°	3699.3	4393.8	5369.7	6344.1	5563.0	4781.8	5229.7	5677.6	5457.6	5236.4	5319.0
85°	2083.6	2507.5	3462.0	4415.2	4115.2	3814.0	4076.6	4337.9	3996.6	3655.3	3806.0
87.5°	397.3	661.2	1915.6	3168.7	2876.8	2584.9	2246.2	1907.6	1455.7	1003.8	1466.4
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):

	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°	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1
2.5°	11491.2	11468.5	11445.9	11364.5	11281.9	11159.2	11057.9	10882.0	10786.0	10640.7	10495.4
5°	12436.3	12292.4	12148.4	11900.4	11651.2	11373.9	11055.3	10702.0	10435.4	10088.8	9742.2
7.5°	12920.3	12584.3	12247.0	11771.1	11293.9	10864.6	10360.7	9891.5	9491.6	9041.0	8590.4
10°	12964.2	12460.3	11955.1	11336.5	10716.7	10195.4	9615.5	9094.3	8614.4	8097.2	7578.6
12.5°	12758.9	12223.0	11685.8	11004.6	10322.1	9730.2	9106.3	8522.4	7990.5	7421.3	6850.7
15°	12324.4	11896.4	11467.2	10828.6	10190.1	9592.9	8987.7	8295.8	7694.6	7112.0	6528.1
17.5°	11741.8	11539.2	11335.2	10874.0	10411.4	9894.2	9307.6	8495.7	7791.9	7158.7	6525.4
20°	11177.9	11252.6	11325.9	11141.9	10958.0	10543.4	10031.5	9119.6	8221.1	7393.3	6564.1
22.5°	10699.3	11057.9	11415.2	11557.8	11699.1	11449.9	11049.9	9995.5	8806.4	7725.2	6644.1
25°	10352.7	10947.3	11541.8	12016.4	12489.7	12379.0	12071.1	11059.3	9582.2	8203.8	6824.1
27.5°	10266.1	10995.3	11724.5	12460.3	13194.9	13297.5	13212.2	12180.4	10507.4	8798.4	7088.0
30°	10402.1	11140.6	11877.8	12773.6	13668.1	14077.4	14192.0	13114.9	11564.5	9491.6	7417.3
32.5°	10655.3	11379.2	12103.1	13078.9	14053.4	14671.9	15037.2	13969.4	12301.7	10014.1	7725.2
35°	11064.6	11741.8	12419.0	13434.8	14450.6	15250.5	15917.0	14851.9	12956.2	10379.4	7801.2
37.5°	11781.8	12364.4	12946.9	13885.4	14822.6	15859.7	16860.8	15823.7	13664.1	10731.3	7797.2
40°	12865.6	13277.5	13688.1	14481.3	15273.1	16578.2	17930.0	16907.5	14446.6	11112.6	7778.5
42.5°	14216.0	14428.0	14638.6	15266.5	15894.4	17328.8	18900.5	17967.3	15193.2	11467.2	7741.2
45°	15617.1	15673.1	15729.1	16125.0	16519.6	17923.3	19561.7	18763.2	15845.0	11775.1	7703.9
47.5°	17064.8	16872.8	16680.9	16838.2	16995.5	18379.2	20033.6	19367.0	16499.6	12116.4	7731.9
50°	18641.8	18107.3	17572.7	17490.1	17407.4	18835.1	20589.5	20134.9	17286.1	12613.6	7941.2
52.5°	20244.2	19363.0	18481.9	18155.3	17827.3	19379.0	21326.7	21090.7	18408.6	13384.2	8358.4
55°	21713.3	20592.2	19471.0	19031.1	18591.2	20210.9	22226.5	22494.5	19847.0	14369.3	8890.3
57.5°	23141.0	21870.6	20600.1	20192.2	19784.3	21433.3	23366.3	23754.2	21300.0	15314.5	9327.6
60°	24503.4	23246.3	21987.9	21661.3	21333.3	22953.0	24598.1	24315.5	22049.2	15757.1	9463.6
62.5°	25551.2	24551.4	23551.6	23379.6	23206.3	24490.1	25544.6	24096.8	21573.3	15321.1	9069.0
65°	25992.5	25423.2	24852.7	25014.0	25174.0	25652.5	25780.5	23456.9	20077.6	14100.0	8122.5
67.5°	24724.7	24840.7	24956.7	25633.9	26309.7	25980.5	25079.3	22195.9	17948.6	12369.7	6790.7
70°	20909.4	21605.3	22299.8	23902.2	25503.2	24772.7	23201.0	19932.3	15386.5	10376.7	5365.7
72.5°	16001.0	16783.5	17564.7	19942.9	22319.8	21646.6	19721.6	16371.6	12336.4	8286.5	4235.2
75°	11585.8	12469.7	13352.2	15975.7	18599.2	17664.7	14751.9	11721.8	9370.2	6325.5	3279.4
77.5°	8253.1	8845.0	9436.9	12028.4	14618.6	13096.2	9819.5	7887.9	6485.5	4396.5	2306.2
80°	6620.1	6438.8	6257.5	7701.2	9145.0	8891.7	6494.8	5065.7	4488.5	2946.1	1403.7
82.5°	5400.3	4957.7	4515.2	5195.0	5874.9	5837.6	4507.2	3716.6	3340.7	2047.6	754.5
85°	3955.3	3778.0	3600.7	4201.9	4803.1	4289.9	3052.8	2362.2	2604.8	1507.7	410.6
87.5°	1929.0	2203.6	2476.9	3186.1	3893.9	2923.5	926.5	458.6	634.5	417.3	198.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320273
 CATALOG NUMBER: GAN-SA9A-730-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: P320273
 CATALOG NUMBER: GAN-SA9A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1
2.5°	10387.4	10278.1	10154.1	10030.1	9888.8	9746.2	9662.2	9576.9	9484.9	9392.9	9288.9
5°	9512.9	9283.6	9023.6	8763.7	8506.4	8249.1	8110.5	7971.8	7825.2	7677.2	7549.3
7.5°	8257.1	7922.5	7562.6	7201.3	6881.4	6560.1	6361.5	6161.5	5980.2	5797.6	5644.3
10°	7152.0	6725.4	6364.1	6001.5	5760.3	5519.0	5336.3	5153.7	4977.7	4800.4	4631.1
12.5°	6424.1	5997.5	5768.3	5539.0	5339.0	5139.0	4928.4	4716.5	4475.2	4232.5	4055.2
15°	6140.2	5752.3	5497.6	5241.7	4973.7	4704.5	4445.8	4187.2	3901.9	3616.7	3415.4
17.5°	6017.5	5509.6	5153.7	4796.4	4443.2	4089.9	3790.0	3490.0	3178.1	2866.1	2662.2
20°	5888.2	5212.4	4735.1	4256.5	3803.3	3350.0	3010.1	2670.2	2391.6	2112.9	1957.0
22.5°	5770.9	4896.4	4297.9	3698.0	3162.1	2626.2	2292.9	1958.3	1787.7	1617.0	1554.4
25°	5722.9	4620.5	3884.6	3148.7	2583.5	2017.0	1779.7	1542.4	1477.1	1410.4	1378.4
27.5°	5730.9	4373.8	3536.7	2698.2	2188.9	1679.7	1517.0	1354.4	1314.4	1273.1	1253.1
30°	5761.6	4105.9	3208.7	2311.6	1891.6	1471.7	1366.4	1259.8	1217.1	1174.4	1149.1
32.5°	5796.2	3865.9	2955.4	2043.6	1701.0	1357.1	1270.4	1182.4	1141.1	1099.8	1074.5
35°	5736.3	3670.0	2782.1	1894.3	1578.4	1261.1	1187.8	1113.1	1067.8	1022.5	998.5
37.5°	5634.9	3472.7	2647.5	1821.0	1498.4	1174.4	1121.1	1066.5	1019.8	971.8	949.2
40°	5543.0	3306.0	2547.5	1787.7	1454.4	1119.8	1074.5	1029.1	981.1	931.8	905.2
42.5°	5468.3	3194.1	2448.9	1703.7	1414.4	1123.8	1059.8	994.5	947.8	901.2	871.8
45°	5412.3	3120.7	2371.6	1622.4	1377.1	1131.8	1050.5	969.2	922.5	874.5	839.8
47.5°	5407.0	3082.1	2316.9	1551.7	1306.4	1059.8	1026.5	993.1	925.2	855.8	815.8
50°	5480.3	3019.4	2252.9	1485.1	1238.4	991.8	1037.1	1081.1	965.2	847.8	797.2
52.5°	5633.6	2908.8	2151.6	1394.4	1155.8	915.8	986.5	1055.8	955.8	854.5	789.2
55°	5818.9	2746.2	1998.3	1249.1	1046.5	842.5	905.2	966.5	903.8	839.8	761.2
57.5°	5934.9	2540.9	1805.0	1069.1	923.8	778.5	814.5	849.2	823.8	798.5	718.5
60°	5865.6	2267.6	1587.7	906.5	815.8	725.2	718.5	710.5	747.9	785.2	693.2
62.5°	5527.0	1985.0	1395.7	806.5	738.5	669.2	654.5	638.5	699.9	759.9	662.5
65°	4955.1	1787.7	1274.4	761.2	685.2	609.2	593.2	577.2	595.9	614.6	569.2
67.5°	4228.5	1666.4	1205.1	743.9	651.9	558.6	539.9	521.2	517.2	513.2	497.2
70°	3479.3	1591.7	1159.8	727.9	615.9	502.6	485.2	467.9	462.6	455.9	443.9
72.5°	2908.8	1582.4	1154.5	726.5	586.6	446.6	430.6	414.6	407.9	399.9	390.6
75°	2382.2	1485.1	1095.8	706.5	546.6	385.3	370.6	355.9	350.6	343.9	335.9
77.5°	1767.7	1229.1	921.2	613.2	467.9	322.6	307.9	291.9	290.6	287.9	281.3
80°	1146.5	889.2	658.5	427.9	341.3	253.3	241.3	228.0	229.3	230.6	225.3
82.5°	637.2	518.6	402.6	286.6	233.3	180.0	174.6	168.0	172.0	174.6	168.0
85°	335.9	261.3	216.0	170.6	134.6	98.6	98.6	97.3	102.6	108.0	102.6
87.5°	145.3	92.0	78.7	64.0	36.0	6.7	8.0	8.0	10.7	13.3	12.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320273
 CATALOG NUMBER: GAN-SA9A-730-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: P320273
 CATALOG NUMBER: GAN-SA9A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1
2.5°	9183.6	9086.3	8987.7	8879.7	8899.7	8817.0	8734.4	8682.4	8630.4	8614.4	8598.4
5°	7421.3	7310.6	7198.7	7098.7	7185.3	7126.7	7068.0	7060.0	7050.7	7050.7	7049.3
7.5°	5491.0	5372.3	5252.4	5169.7	5255.0	5244.4	5233.7	5291.0	5348.3	5395.0	5440.3
10°	4461.8	4317.9	4172.6	4049.9	4028.6	3967.3	3904.6	3917.9	3929.9	3980.6	4031.2
12.5°	3877.9	3706.0	3534.0	3390.0	3324.7	3223.4	3120.7	3056.8	2992.8	2999.4	3004.8
15°	3212.7	3046.1	2878.1	2754.2	2712.8	2634.2	2555.5	2475.5	2394.2	2360.9	2326.2
17.5°	2456.9	2323.6	2188.9	2106.3	2106.3	2083.6	2060.9	2021.0	1979.6	1946.3	1911.6
20°	1801.0	1730.3	1658.4	1623.7	1634.4	1635.7	1635.7	1655.7	1675.7	1665.0	1654.4
22.5°	1490.4	1465.1	1439.7	1425.1	1430.4	1431.7	1433.1	1451.7	1469.1	1482.4	1494.4
25°	1345.1	1329.1	1313.1	1307.8	1319.8	1321.1	1321.1	1333.1	1345.1	1358.4	1371.7
27.5°	1231.8	1225.1	1218.4	1209.1	1221.1	1221.1	1219.8	1233.1	1245.1	1257.1	1267.8
30°	1123.8	1126.5	1127.8	1125.1	1133.1	1138.5	1142.5	1151.8	1159.8	1169.1	1178.4
32.5°	1047.8	1043.8	1039.8	1037.1	1054.5	1063.8	1073.1	1082.5	1090.5	1094.5	1098.5
35°	974.5	965.2	955.8	949.2	965.2	977.2	989.1	1006.5	1022.5	1025.1	1027.8
37.5°	925.2	913.2	901.2	893.2	899.8	905.2	910.5	929.2	947.8	958.5	967.8
40°	878.5	866.5	854.5	847.8	851.8	853.2	854.5	863.8	871.8	891.8	910.5
42.5°	841.2	826.5	811.8	803.8	806.5	809.2	810.5	809.2	807.8	826.5	845.2
45°	803.8	787.9	771.9	762.5	763.9	763.9	763.9	761.2	757.2	766.5	775.9
47.5°	774.5	755.9	737.2	727.9	725.2	722.5	719.9	718.5	715.9	722.5	727.9
50°	745.2	725.2	703.9	693.2	686.5	683.9	681.2	679.9	677.2	683.9	689.2
52.5°	722.5	698.5	674.5	657.2	650.5	646.5	642.5	643.9	643.9	646.5	647.9
55°	682.5	661.2	638.5	626.5	614.6	611.9	609.2	613.2	615.9	615.9	615.9
57.5°	638.5	618.6	597.2	589.2	578.6	578.6	577.2	582.6	586.6	589.2	591.9
60°	599.9	577.2	554.6	547.9	543.9	542.6	541.2	547.9	553.2	558.6	563.9
62.5°	563.9	539.9	515.9	507.9	506.6	507.9	507.9	514.6	519.9	525.2	530.6
65°	523.9	499.9	474.6	466.6	469.2	473.2	477.2	482.6	486.6	491.9	497.2
67.5°	479.9	459.9	438.6	430.6	431.9	437.3	442.6	446.6	449.2	454.6	459.9
70°	431.9	414.6	397.3	391.9	390.6	397.3	402.6	405.3	407.9	414.6	419.9
72.5°	379.9	365.3	350.6	346.6	347.9	351.9	355.9	359.9	362.6	369.3	374.6
75°	326.6	313.3	299.9	297.3	299.9	303.9	307.9	310.6	313.3	321.3	327.9
77.5°	274.6	260.0	244.0	242.6	246.6	250.6	253.3	257.3	261.3	271.9	282.6
80°	220.0	204.0	186.6	185.3	189.3	193.3	197.3	201.3	205.3	218.6	230.6
82.5°	161.3	142.6	124.0	121.3	134.6	138.6	142.6	149.3	154.6	166.6	178.6
85°	97.3	78.7	60.0	58.7	70.7	77.3	84.0	92.0	98.6	109.3	120.0
87.5°	10.7	5.3	0.0	0.0	1.3	6.7	12.0	18.7	25.3	36.0	45.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320273
 CATALOG NUMBER: GAN-SA9A-730-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: P320273
 CATALOG NUMBER: GAN-SA9A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1
2.5°	8539.7	8479.7	8541.1	8601.1	8626.4	8651.7	8586.4	8519.7	8623.7	8726.4	8753.0
5°	6996.0	6941.4	6982.7	7022.7	6933.4	6844.1	6834.7	6824.1	6901.4	6978.7	6990.7
7.5°	5423.0	5405.7	5444.3	5483.0	5369.7	5255.0	5199.0	5143.0	5161.7	5180.4	5177.7
10°	4043.2	4053.9	4101.9	4148.6	4060.6	3972.6	3933.9	3895.3	3937.9	3979.3	4017.9
12.5°	3028.8	3051.4	3102.1	3151.4	3115.4	3078.1	3082.1	3086.1	3135.4	3183.4	3226.1
15°	2352.9	2379.6	2415.5	2450.2	2451.5	2451.5	2486.2	2519.5	2515.5	2511.5	2540.9
17.5°	1947.6	1982.3	1986.3	1990.3	1991.6	1993.0	1990.3	1987.6	1967.6	1947.6	1970.3
20°	1667.7	1679.7	1690.4	1699.7	1687.7	1674.4	1641.0	1607.7	1594.4	1581.0	1602.4
22.5°	1517.0	1538.4	1527.7	1515.7	1491.7	1466.4	1441.1	1414.4	1413.1	1410.4	1422.4
25°	1390.4	1407.7	1389.1	1370.4	1353.1	1335.8	1318.4	1301.1	1299.8	1298.4	1303.8
27.5°	1285.1	1301.1	1283.8	1266.4	1251.8	1237.1	1223.8	1210.4	1207.8	1205.1	1206.4
30°	1194.4	1209.1	1194.4	1178.4	1167.8	1155.8	1146.5	1137.1	1135.8	1134.5	1134.5
32.5°	1113.1	1127.8	1117.1	1106.5	1097.1	1087.8	1081.1	1074.5	1067.8	1061.1	1046.5
35°	1042.5	1057.1	1050.5	1042.5	1031.8	1021.1	1009.1	995.8	978.5	959.8	951.8
37.5°	982.5	997.1	990.5	983.8	969.2	954.5	933.2	910.5	905.2	898.5	897.2
40°	934.5	957.2	943.8	929.2	906.5	883.8	873.2	862.5	859.8	857.2	854.5
42.5°	881.2	915.8	891.8	867.8	846.5	825.2	822.5	819.8	818.5	817.2	817.2
45°	814.5	851.8	827.8	802.5	790.5	778.5	778.5	778.5	779.9	779.9	782.5
47.5°	751.9	774.5	762.5	750.5	743.9	737.2	738.5	739.9	743.9	746.5	753.2
50°	698.5	706.5	709.2	710.5	706.5	702.5	705.2	706.5	710.5	713.2	718.5
52.5°	659.9	671.9	671.9	670.5	670.5	670.5	673.2	675.9	679.9	683.9	689.2
55°	634.5	651.9	646.5	641.2	642.5	642.5	645.2	647.9	651.9	654.5	662.5
57.5°	610.6	629.2	623.9	618.6	618.6	618.6	619.9	621.2	625.2	627.9	633.2
60°	582.6	601.2	595.9	589.2	590.6	591.9	593.2	593.2	595.9	597.2	597.2
62.5°	549.2	567.9	562.6	555.9	559.9	562.6	562.6	562.6	565.2	566.6	562.6
65°	514.6	531.9	526.6	521.2	526.6	530.6	533.2	534.6	533.2	531.9	527.9
67.5°	477.2	494.6	489.2	482.6	489.2	494.6	499.9	503.9	499.9	495.9	490.6
70°	437.3	454.6	447.9	441.3	447.9	454.6	459.9	465.2	459.9	454.6	453.2
72.5°	394.6	414.6	406.6	398.6	406.6	414.6	417.3	419.9	415.9	411.9	409.3
75°	347.9	367.9	361.3	353.3	359.9	366.6	367.9	369.3	369.3	367.9	359.9
77.5°	298.6	314.6	310.6	306.6	310.6	314.6	314.6	314.6	315.9	315.9	305.3
80°	240.0	249.3	250.6	252.0	253.3	254.6	253.3	252.0	249.3	246.6	240.0
82.5°	178.6	178.6	189.3	198.6	198.6	197.3	196.0	193.3	188.0	181.3	166.6
85°	113.3	106.6	124.0	140.0	140.0	138.6	136.0	132.0	121.3	109.3	97.3
87.5°	38.7	32.0	49.3	66.7	68.0	68.0	65.3	62.7	52.0	40.0	30.7
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: P320273
 CATALOG NUMBER: GAN-SA9A-730-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: P320273
 CATALOG NUMBER: GAN-SA9A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1
2.5°	8793.0	8810.4	8826.4	8957.0	9086.3	9238.3	9390.2	9506.2	9620.9	9739.5	9858.2
5°	7032.0	7053.3	7074.7	7233.3	7390.6	7602.6	7814.5	7997.2	8179.8	8394.4	8609.1
7.5°	5212.4	5259.0	5304.3	5473.6	5641.6	5869.6	6096.2	6334.8	6572.1	6852.1	7132.0
10°	4093.9	4181.9	4268.5	4441.8	4615.1	4840.4	5064.4	5313.7	5563.0	5838.9	6113.5
12.5°	3314.0	3431.4	3547.3	3755.3	3963.3	4232.5	4500.5	4777.8	5053.7	5296.3	5539.0
15°	2618.2	2746.2	2872.8	3092.8	3312.7	3608.7	3903.3	4205.9	4507.2	4797.8	5088.4
17.5°	2042.3	2147.6	2251.6	2438.2	2623.5	2910.1	3196.7	3514.0	3831.3	4185.9	4539.2
20°	1647.7	1691.7	1735.7	1870.3	2003.6	2236.9	2468.9	2792.8	3116.8	3540.7	3964.6
22.5°	1443.7	1466.4	1487.7	1553.0	1617.0	1767.7	1917.0	2203.6	2488.9	2951.4	3412.7
25°	1321.1	1338.4	1355.7	1398.4	1441.1	1513.1	1585.0	1786.3	1987.6	2442.2	2895.5
27.5°	1210.4	1237.1	1262.4	1282.4	1301.1	1350.4	1398.4	1530.4	1662.4	2086.3	2508.9
30°	1130.5	1139.8	1149.1	1179.8	1209.1	1259.8	1310.4	1402.4	1494.4	1853.0	2210.3
32.5°	1037.1	1050.5	1063.8	1095.8	1127.8	1174.4	1221.1	1295.8	1369.1	1675.7	1981.0
35°	953.2	966.5	979.8	1011.8	1042.5	1093.1	1142.5	1205.1	1266.4	1533.0	1799.7
37.5°	901.2	914.5	927.8	955.8	982.5	1033.1	1082.5	1131.8	1179.8	1426.4	1673.0
40°	857.2	870.5	883.8	910.5	935.8	985.1	1033.1	1074.5	1115.8	1346.4	1577.0
42.5°	818.5	833.2	847.8	874.5	899.8	943.8	987.8	1042.5	1095.8	1277.1	1457.1
45°	786.5	801.2	814.5	843.8	873.2	915.8	958.5	1034.5	1110.5	1241.1	1371.7
47.5°	757.2	773.2	787.9	819.8	851.8	905.2	957.2	1021.1	1083.8	1213.1	1342.4
50°	729.2	747.9	766.5	805.2	842.5	931.8	1019.8	1029.1	1037.1	1190.4	1342.4
52.5°	702.5	723.9	745.2	793.2	839.8	943.8	1047.8	1014.5	979.8	1147.8	1315.8
55°	675.9	694.5	711.9	770.5	829.2	905.2	981.1	937.2	891.8	1067.8	1243.8
57.5°	639.9	659.9	678.5	741.2	803.8	857.2	909.2	869.2	827.8	977.2	1125.1
60°	602.6	625.2	647.9	727.9	806.5	797.2	786.5	778.5	769.2	875.8	982.5
62.5°	569.2	593.2	617.2	721.2	825.2	761.2	697.2	703.9	709.2	787.9	866.5
65°	535.9	559.9	582.6	634.5	686.5	661.2	635.9	646.5	655.9	733.2	810.5
67.5°	498.6	519.9	539.9	557.2	574.6	577.2	579.9	590.6	601.2	693.2	783.9
70°	457.2	474.6	491.9	503.9	514.6	519.9	523.9	537.2	550.6	650.5	750.5
72.5°	410.6	425.3	438.6	449.2	459.9	463.9	466.6	479.9	493.2	599.9	706.5
75°	359.9	371.9	382.6	391.9	401.3	406.6	411.9	421.3	430.6	546.6	661.2
77.5°	303.9	315.9	326.6	334.6	341.3	346.6	350.6	362.6	374.6	471.9	567.9
80°	237.3	252.0	265.3	271.9	277.3	278.6	278.6	289.3	299.9	369.3	437.3
82.5°	168.0	184.0	198.6	204.0	209.3	209.3	209.3	221.3	233.3	279.9	325.3
85°	98.6	116.0	132.0	137.3	142.6	145.3	146.6	152.0	156.0	189.3	221.3
87.5°	30.7	45.3	58.7	61.3	64.0	69.3	74.7	76.0	76.0	98.6	121.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320273
 CATALOG NUMBER: GAN-SA9A-730-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: P320273

CATALOG NUMBER: GAN-SA9A-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1	10158.1
2.5°	9994.1	10130.1	10288.7	10446.0	10580.7	10715.3	10827.3
5°	8882.3	9155.6	9490.2	9823.5	10120.8	10418.1	10763.3
7.5°	7485.3	7838.5	8271.8	8705.0	9125.0	9543.5	10074.1
10°	6473.5	6832.1	7290.6	7747.9	8219.8	8690.4	9290.3
12.5°	5830.9	6121.5	6565.4	7009.4	7563.9	8117.1	8694.4
15°	5407.0	5724.3	6156.2	6588.1	7194.7	7801.2	8465.1
17.5°	4955.1	5369.7	5922.9	6476.1	7194.7	7911.9	8694.4
20°	4481.8	4997.7	5714.9	6432.1	7400.0	8366.4	9364.9
22.5°	4009.9	4607.1	5527.0	6445.5	7710.6	8974.3	10322.1
25°	3584.7	4273.9	5412.3	6549.4	8162.5	9774.2	11445.9
27.5°	3262.1	4013.9	5365.7	6716.1	8735.7	10755.3	12668.3
30°	2975.4	3740.6	5309.7	6878.7	9287.6	11695.1	13624.1
32.5°	2727.5	3474.0	5201.7	6928.0	9672.9	12417.7	14433.3
35°	2532.9	3266.1	5020.4	6774.7	9914.1	13053.6	15275.8
37.5°	2364.9	3056.8	4813.8	6570.8	10128.8	13686.8	16223.6
40°	2204.9	2832.8	4636.5	6438.8	10424.7	14410.6	17224.8
42.5°	2052.9	2648.8	4493.8	6338.8	10699.3	15058.5	18100.6
45°	1939.6	2507.5	4367.2	6225.5	10876.6	15527.8	18760.5
47.5°	1883.6	2423.5	4299.2	6173.5	11053.9	15933.0	19308.4
50°	1875.6	2408.9	4376.5	6344.1	11437.9	16530.2	19934.9
52.5°	1874.3	2432.9	4599.1	6765.4	12151.1	17535.4	20613.5
55°	1846.3	2447.5	4864.4	7280.0	13108.2	18935.1	21833.3
57.5°	1761.0	2396.9	5137.7	7877.2	14120.0	20361.5	23207.7
60°	1629.0	2274.2	5363.0	8450.4	14799.9	21148.0	23736.9
62.5°	1463.7	2059.6	5437.7	8814.4	14781.2	20748.1	23203.7
65°	1322.4	1834.3	5192.4	8549.1	14033.4	19516.4	22149.2
67.5°	1197.1	1609.0	4579.1	7547.9	12688.3	17827.3	20808.1
70°	1106.5	1461.1	3788.6	6116.2	11004.6	15891.7	19255.1
72.5°	1049.1	1390.4	3088.8	4785.8	8930.3	13073.6	16470.3
75°	970.5	1279.8	2423.5	3566.0	6834.7	10103.4	12440.3
77.5°	823.8	1078.5	1826.3	2574.2	5015.1	7454.6	8651.7
80°	635.9	833.2	1255.8	1678.4	3451.4	5224.4	5898.9
82.5°	453.2	581.2	761.2	941.2	2292.9	3643.3	3699.3
85°	279.9	338.6	435.9	533.2	1517.0	2500.9	2083.6
87.5°	150.6	180.0	230.6	279.9	485.2	690.5	397.3
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: P320273
CATALOG NUMBER: GAN-SA9A-730-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)