

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: P320443

Luminaire Tested: **GAN-SA9B-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320443
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-SA9B-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 2700K, 800mA 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: 33005 lumens
Efficiency: N/A
Efficacy: 88.2 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): 374
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

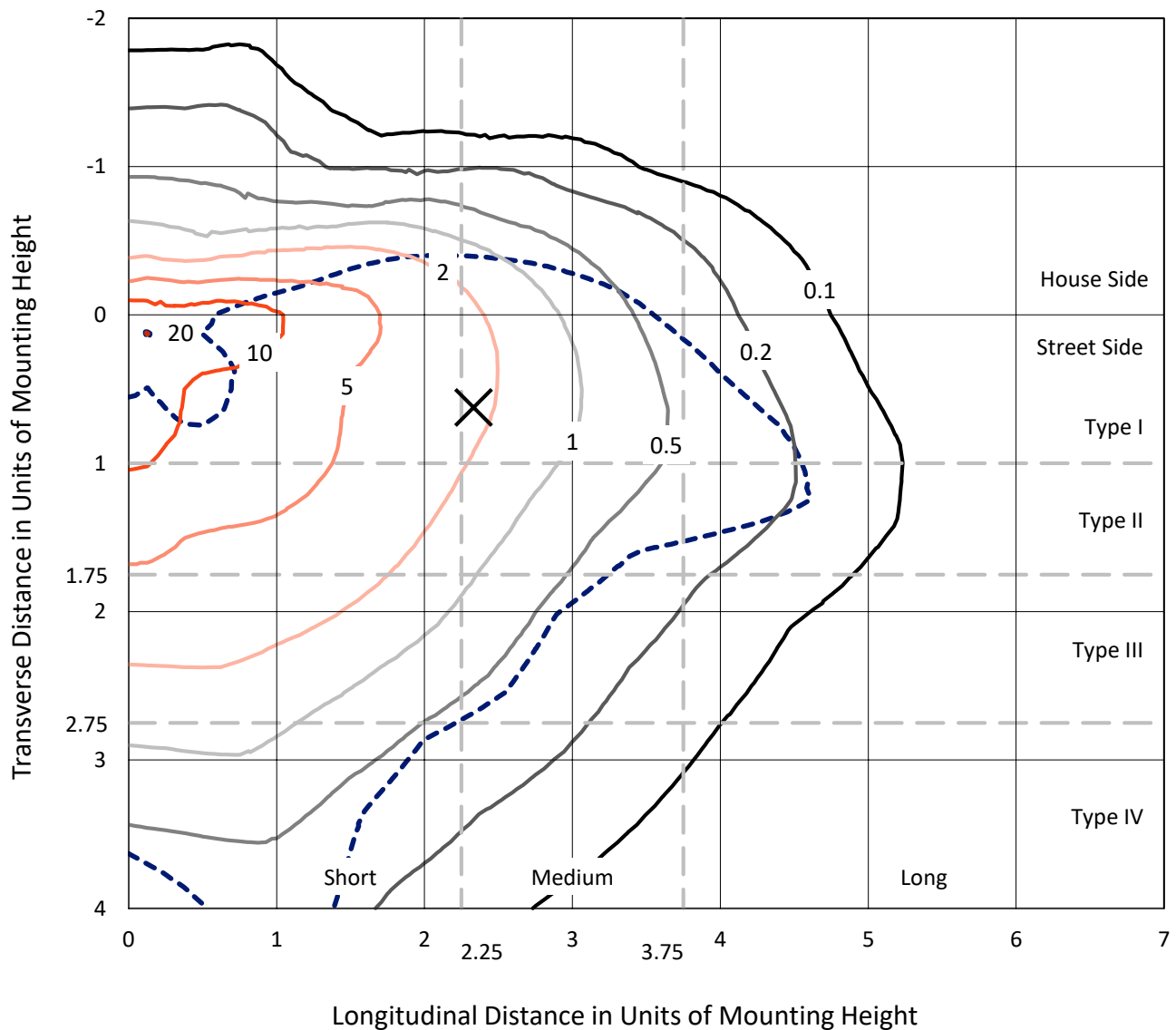


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Iso-Footcandle Lines of Horizontal Illumination

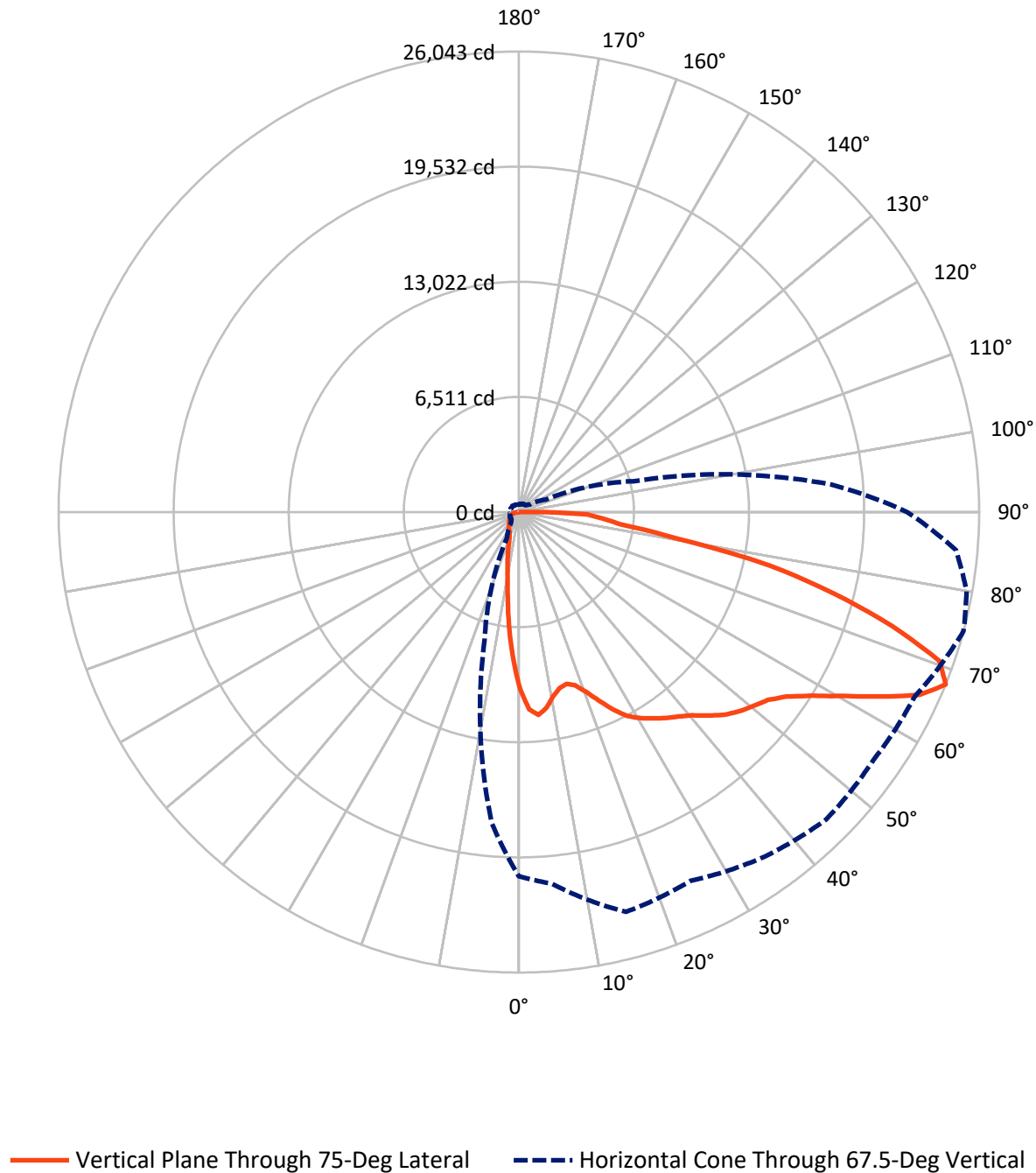
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.2 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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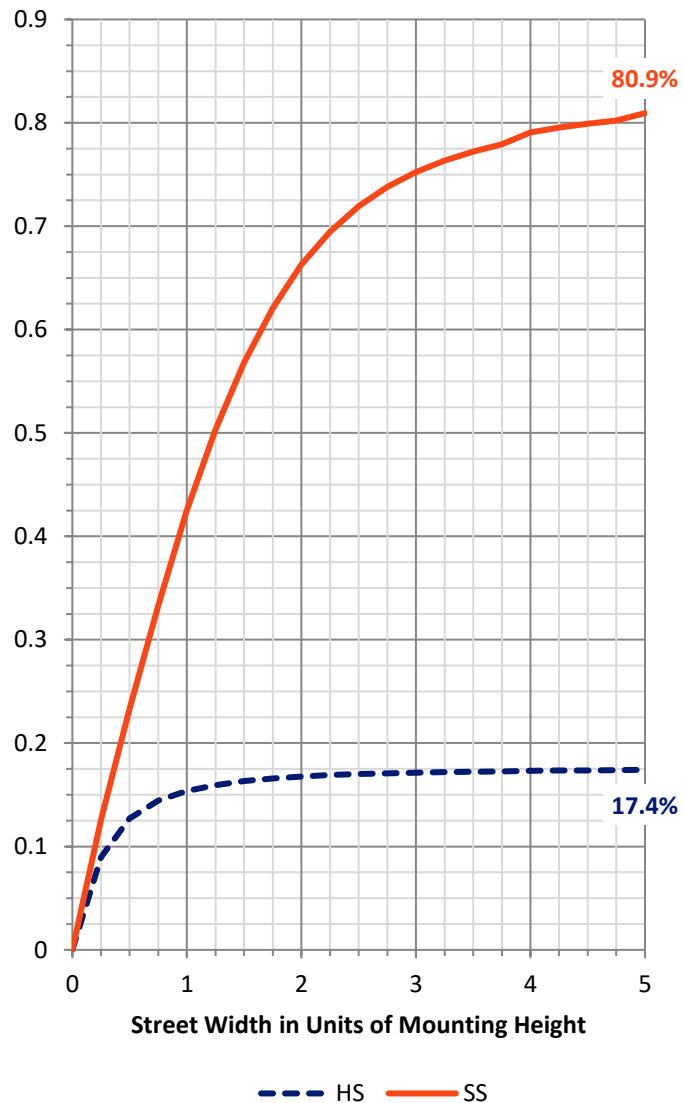
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5813.0	0.0	5813.0
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	27192.0	0.0	27192.0
	% Fixture	82.4	0.0	82.4
Total	Lumens	33005.0	0.0	33005.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	776.0	2.4
10°-20°	1612.1	4.9
20°-30°	2292.8	6.9
30°-40°	3303.9	10.0
40°-50°	4656.1	14.1
50°-60°	6472.8	19.6
60°-70°	7827.6	23.7
70°-80°	4811.5	14.6
80°-90°	1252.0	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°	33005.0	100.0
0°-180°	33005.0	100.0

Coefficient of Utilization



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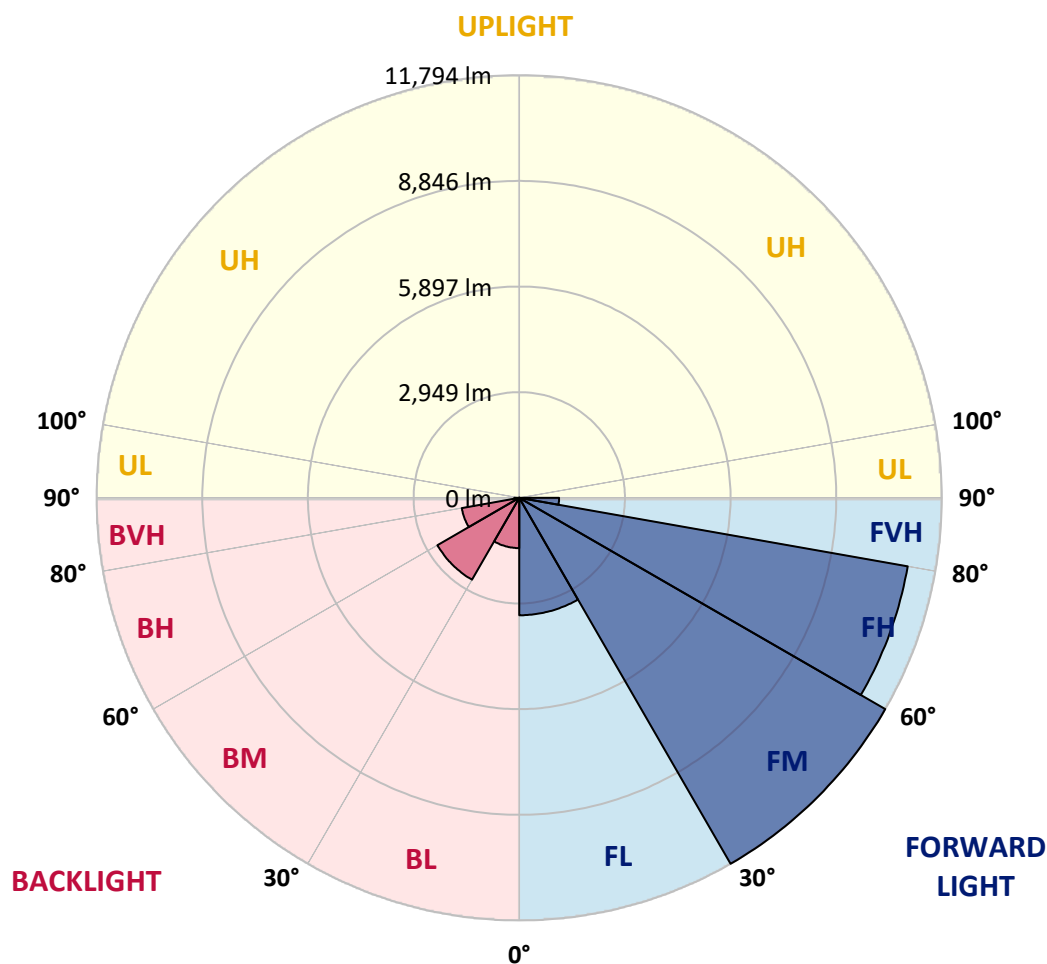
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3277.1	9.9			
FM	(30°-60°)	11794.2	35.7			
FH	(60°-80°)	11009.4	33.4			G4/12000
FVH	(80°-90°)	1111.4	3.4			G5
BL	(0°-30°)	1403.9	4.3	B3/2500		
BM	(30°-60°)	2638.7	8.0	B3/5000		
BH	(60°-80°)	1629.8	4.9	B3/2500		G3/2500
BVH	(80°-90°)	140.7	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°	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1
2.5°	10717.6	10858.7	10956.4	11052.7	11127.9	11201.8	11310.0	11418.2	11439.4	11459.2	11416.9
5°	10654.2	10998.6	11291.6	11583.2	11853.7	12124.2	12286.5	12448.8	12481.8	12514.8	12413.2
7.5°	9972.0	10480.0	10988.1	11496.1	11961.9	12427.7	12711.4	12993.8	13058.5	13121.8	12955.5
10°	9196.1	9787.3	10411.4	11035.6	11649.2	12262.8	12673.2	13083.5	13165.4	13247.2	13040.0
12.5°	8606.2	9251.5	9917.9	10584.3	11232.2	11878.8	12303.7	12728.6	12830.2	12931.8	12781.4
15°	8379.3	9086.6	9713.4	10340.2	10904.9	11468.4	11816.8	12163.8	12206.0	12246.9	12223.2
17.5°	8606.2	9386.1	9953.5	10519.6	10827.1	11133.2	11273.1	11411.6	11457.8	11502.7	11563.4
20°	9270.0	10111.9	10511.7	10910.2	10897.0	10882.5	10815.2	10746.6	10734.7	10722.8	10894.4
22.5°	10217.4	11195.2	11354.9	11513.3	11142.5	10771.7	10546.0	10319.0	10274.2	10228.0	10410.1
25°	11329.8	12371.0	12341.9	12311.6	11605.6	10898.3	10468.2	10038.0	9987.8	9937.7	10093.4
27.5°	12539.9	13534.8	13344.8	13154.8	12195.5	11236.1	10612.0	9987.8	9937.7	9887.5	10024.8
30°	13486.0	14388.6	14083.8	13779.0	12692.9	11606.9	10865.3	10123.7	10041.9	9958.8	10127.7
32.5°	14287.0	15055.0	14645.9	14236.8	13096.7	11956.6	11154.3	10352.0	10224.0	10096.0	10321.7
35°	15121.0	15720.0	15144.7	14568.1	13457.0	12344.6	11496.1	10646.3	10489.3	10332.2	10642.3
37.5°	16059.2	16556.7	15730.6	14903.2	13862.1	12820.9	12008.1	11193.9	11032.9	10871.9	11267.8
40°	17050.2	17464.5	16362.7	15260.8	14305.5	13350.1	12716.7	12082.0	11928.9	11774.5	12254.9
42.5°	17917.1	18219.3	16951.2	15683.1	14839.9	13995.4	13549.4	13102.0	13100.7	13098.1	13585.0
45°	18570.3	18832.9	17442.1	16049.9	15361.1	14671.0	14438.7	14206.5	14392.6	14578.6	15019.4
47.5°	19112.7	19290.8	17853.8	16415.5	15957.6	15499.7	15534.0	15568.3	15947.0	16325.7	16609.4
50°	19732.9	19589.0	18227.2	16864.1	16722.9	16581.7	16890.5	17198.0	17633.4	18067.6	18260.2
52.5°	20404.5	20023.2	18733.9	17443.4	17601.8	17760.1	18388.2	19016.3	19455.7	19895.2	19967.7
55°	21611.9	21027.4	19665.6	18302.4	18607.3	18910.8	19833.1	20754.2	21097.3	21440.4	21466.8
57.5°	22972.4	22453.8	20970.6	19487.4	19814.7	20141.9	21206.8	22270.4	22641.2	23010.7	22959.2
60°	23496.3	23521.3	22209.7	20896.7	21226.6	21556.5	22593.7	23630.9	24057.1	24482.0	24368.5
62.5°	22968.4	23587.3	22886.6	22184.6	22484.2	22782.4	23798.5	24814.5	25251.3	25688.1	25490.1
65°	21924.7	22538.3	22852.3	23166.4	23265.3	23364.3	24313.1	25260.5	25595.7	25929.6	25829.3
67.5°	20597.2	21093.3	22251.9	23409.2	23209.9	23010.7	23455.4	23900.1	24244.5	24588.9	24532.1
70°	19059.9	19651.0	21196.3	22741.5	21762.4	20781.9	20598.5	20415.1	20787.2	21158.0	20928.4
72.5°	16303.3	17195.3	18843.5	20490.3	18686.4	16882.6	16255.8	15629.0	16100.1	16571.2	16205.6
75°	12314.2	13497.9	15318.9	17138.6	14986.4	12834.1	11997.5	11160.9	11566.0	11971.1	11720.4
77.5°	8564.0	10048.5	11841.8	13635.1	11447.3	9258.1	8636.6	8013.8	8135.2	8255.2	8213.0
80°	5839.1	6815.6	8066.5	9316.2	7859.4	6402.6	6451.4	6498.9	6442.1	6384.1	6468.5
82.5°	3661.8	4349.3	5315.2	6279.8	5506.6	4733.3	5176.7	5620.1	5402.3	5183.3	5265.1
85°	2062.5	2482.1	3426.9	4370.4	4073.5	3775.3	4035.2	4293.9	3956.1	3618.3	3767.4
87.5°	393.2	654.5	1896.2	3136.6	2847.6	2558.6	2223.5	1888.3	1441.0	993.6	1451.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1
2.5°	11374.7	11352.3	11329.8	11249.3	11167.5	11046.1	10945.8	10771.7	10676.6	10532.8	10389.0
5°	12310.3	12167.8	12025.2	11779.8	11533.0	11258.6	10943.2	10593.5	10329.6	9986.5	9643.4
7.5°	12789.3	12456.7	12122.9	11651.8	11179.4	10754.5	10255.7	9791.2	9395.3	8949.3	8503.3
10°	12832.8	12334.0	11833.9	11221.6	10608.0	10092.1	9518.1	9002.1	8527.1	8015.1	7501.8
12.5°	12629.6	12099.1	11567.4	10893.1	10217.4	9631.5	9014.0	8436.0	7909.5	7346.0	6781.3
15°	12199.4	11775.8	11350.9	10718.9	10086.8	9495.6	8896.5	8211.7	7616.6	7039.9	6461.9
17.5°	11622.8	11422.2	11220.3	10763.7	10305.8	9793.9	9213.2	8409.6	7712.9	7086.1	6459.3
20°	11064.6	11138.5	11211.1	11029.0	10846.9	10436.5	9929.8	9027.2	8137.8	7318.3	6497.6
22.5°	10590.9	10945.8	11299.5	11440.7	11580.6	11333.8	10937.9	9894.1	8717.1	7646.9	6576.7
25°	10247.8	10836.3	11424.8	11894.6	12363.1	12253.5	11948.7	10947.2	9485.1	8120.6	6754.9
27.5°	10162.0	10883.8	11605.6	12334.0	13061.1	13162.7	13078.3	12056.9	10400.9	8709.2	7016.2
30°	10296.6	11027.7	11757.4	12644.1	13529.6	13934.7	14048.1	12981.9	11447.3	9395.3	7342.1
32.5°	10547.3	11263.9	11980.4	12946.3	13910.9	14523.2	14884.8	13827.8	12177.0	9912.6	7646.9
35°	10952.4	11622.8	12293.1	13298.6	14304.1	15095.9	15755.7	14701.3	12824.9	10274.2	7722.1
37.5°	11662.4	12239.0	12815.7	13744.6	14672.3	15698.9	16689.9	15663.3	13525.6	10622.5	7718.2
40°	12735.2	13142.9	13549.4	14334.5	15118.3	16410.2	17748.2	16736.1	14300.2	10999.9	7699.7
42.5°	14071.9	14281.7	14490.2	15111.7	15733.2	17153.1	18708.9	17785.2	15039.1	11350.9	7662.7
45°	15458.8	15514.2	15569.6	15961.5	16352.1	17741.6	19363.4	18573.0	15684.4	11655.8	7625.8
47.5°	16891.8	16701.8	16511.8	16667.5	16823.2	18192.9	19830.5	19170.7	16332.3	11993.6	7653.5
50°	18452.9	17923.7	17394.6	17312.8	17231.0	18644.2	20380.8	19930.8	17110.9	12485.8	7860.7
52.5°	20039.0	19166.8	18294.5	17971.2	17646.6	19182.6	21110.5	20876.9	18222.0	13248.5	8273.7
55°	21493.2	20383.4	19273.6	18838.2	18402.7	20006.0	22001.2	22266.4	19645.8	14223.7	8800.2
57.5°	22906.4	21648.9	20391.3	19987.5	19583.7	21216.1	23129.4	23513.4	21084.1	15159.2	9233.0
60°	24255.0	23010.7	21765.0	21441.7	21117.1	22720.4	24348.7	24069.0	21825.7	15597.3	9367.6
62.5°	25292.2	24302.5	23312.9	23142.6	22971.1	24241.8	25285.6	23852.6	21354.6	15165.8	8977.0
65°	25729.0	25165.5	24600.8	24760.4	24918.8	25392.5	25519.2	23219.2	19874.1	13957.1	8040.1
67.5°	24474.1	24588.9	24703.7	25374.0	26043.0	25717.1	24825.1	21970.9	17766.7	12244.3	6721.9
70°	20697.5	21386.3	22073.8	23659.9	25244.7	24521.6	22965.8	19730.2	15230.5	10271.5	5311.3
72.5°	15838.8	16613.4	17386.7	19740.8	22093.6	21427.2	19521.7	16205.6	12211.3	8202.5	4192.3
75°	11468.4	12343.3	13216.8	15813.7	18410.6	17485.6	14602.4	11603.0	9275.3	6261.4	3246.1
77.5°	8169.5	8755.4	9341.2	11906.5	14470.4	12963.5	9720.0	7807.9	6419.7	4351.9	2282.9
80°	6553.0	6373.5	6194.1	7623.2	9052.3	8801.5	6428.9	5014.4	4443.0	2916.3	1389.5
82.5°	5345.6	4907.5	4469.4	5142.4	5815.3	5778.4	4461.5	3679.0	3306.8	2026.9	746.9
85°	3915.2	3739.7	3564.2	4159.3	4754.4	4246.4	3021.8	2338.3	2578.4	1492.4	406.4
87.5°	1909.4	2181.3	2451.8	3153.8	3854.5	2893.8	917.1	453.9	628.1	413.0	196.6
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: P320443
 CATALOG NUMBER: GAN-SA9B-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: P320443

CATALOG NUMBER: GAN-SA9B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1
2.5°	10282.1	10173.9	10051.2	9928.4	9788.6	9647.4	9564.2	9479.8	9388.7	9297.7	9194.8
5°	9416.5	9189.5	8932.2	8674.9	8420.2	8165.5	8028.3	7891.0	7745.9	7599.4	7472.7
7.5°	8173.4	7842.2	7485.9	7128.3	6811.6	6493.6	6297.0	6099.1	5919.6	5738.8	5587.1
10°	7079.5	6657.2	6299.6	5940.7	5701.9	5463.0	5282.2	5101.5	4927.3	4751.8	4584.2
12.5°	6359.0	5936.7	5709.8	5482.8	5284.9	5086.9	4878.5	4668.6	4429.8	4189.6	4014.1
15°	6077.9	5693.9	5441.9	5188.6	4923.3	4656.8	4400.8	4144.8	3862.4	3580.0	3380.7
17.5°	5956.5	5453.8	5101.5	4747.8	4398.1	4048.4	3751.5	3454.6	3145.9	2837.1	2635.2
20°	5828.5	5159.5	4687.1	4213.4	3764.7	3316.1	2979.6	2643.1	2367.3	2091.5	1937.1
22.5°	5712.4	4846.8	4254.3	3660.5	3130.0	2599.6	2269.7	1938.4	1769.5	1600.6	1538.6
25°	5664.9	4573.6	3845.2	3116.8	2557.3	1996.5	1761.6	1526.7	1462.1	1396.1	1364.4
27.5°	5672.8	4329.5	3500.8	2670.8	2166.7	1662.7	1501.7	1340.7	1301.1	1260.2	1240.4
30°	5703.2	4064.3	3176.2	2288.1	1872.5	1456.8	1352.6	1247.0	1204.8	1162.5	1137.5
32.5°	5737.5	3826.8	2925.5	2022.9	1683.8	1343.3	1257.6	1170.5	1129.6	1088.6	1063.6
35°	5678.1	3632.8	2753.9	1875.1	1562.4	1248.3	1175.7	1101.8	1057.0	1012.1	988.4
37.5°	5577.8	3437.5	2620.7	1802.5	1483.2	1162.5	1109.8	1055.7	1009.5	962.0	939.5
40°	5486.8	3272.5	2521.7	1769.5	1439.7	1108.4	1063.6	1018.7	971.2	922.4	896.0
42.5°	5412.9	3161.7	2424.1	1686.4	1400.1	1112.4	1049.1	984.4	938.2	892.0	863.0
45°	5357.5	3089.1	2347.5	1605.9	1363.1	1120.3	1039.8	959.3	913.1	865.6	831.3
47.5°	5352.2	3050.8	2293.4	1536.0	1293.2	1049.1	1016.1	983.1	915.8	847.2	807.6
50°	5424.8	2988.8	2230.1	1470.0	1225.9	981.8	1026.6	1070.2	955.4	839.2	789.1
52.5°	5576.5	2879.3	2129.8	1380.3	1144.1	906.5	976.5	1045.1	946.1	845.8	781.2
55°	5759.9	2718.3	1978.0	1236.4	1035.9	834.0	896.0	956.7	894.7	831.3	753.5
57.5°	5874.7	2515.1	1786.7	1058.3	914.5	770.6	806.3	840.6	815.5	790.4	711.2
60°	5806.1	2244.6	1571.6	897.3	807.6	717.8	711.2	703.3	740.3	777.2	686.2
62.5°	5470.9	1964.8	1381.6	798.3	731.0	662.4	647.9	632.1	692.8	752.2	655.8
65°	4904.8	1769.5	1261.5	753.5	678.3	603.0	587.2	571.4	589.8	608.3	563.5
67.5°	4185.7	1649.5	1192.9	736.3	645.3	552.9	534.4	516.0	512.0	508.0	492.2
70°	3444.1	1575.6	1148.0	720.5	609.6	497.5	480.3	463.2	457.9	451.3	439.4
72.5°	2879.3	1566.3	1142.7	719.2	580.6	442.1	426.2	410.4	403.8	395.9	386.6
75°	2358.1	1470.0	1084.7	699.4	541.0	381.4	366.8	352.3	347.0	340.4	332.5
77.5°	1749.8	1216.6	911.8	607.0	463.2	319.3	304.8	289.0	287.7	285.0	278.4
80°	1134.8	880.2	651.9	423.6	337.8	250.7	238.8	225.6	227.0	228.3	223.0
82.5°	630.8	513.3	398.5	283.7	230.9	178.1	172.9	166.3	170.2	172.9	166.3
85°	332.5	258.6	213.8	168.9	133.3	97.6	97.6	96.3	101.6	106.9	101.6
87.5°	143.8	91.1	77.9	63.3	35.6	6.6	7.9	7.9	10.6	13.2	11.9
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: P320443
 CATALOG NUMBER: GAN-SA9B-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: P320443

CATALOG NUMBER: GAN-SA9B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1
2.5°	9090.5	8994.2	8896.5	8789.7	8809.5	8727.6	8645.8	8594.4	8542.9	8527.1	8511.2
5°	7346.0	7236.5	7125.7	7026.7	7112.5	7054.4	6996.4	6988.4	6979.2	6979.2	6977.9
7.5°	5435.3	5317.9	5199.1	5117.3	5201.7	5191.2	5180.6	5237.4	5294.1	5340.3	5385.2
10°	4416.6	4274.1	4130.3	4008.9	3987.7	3927.0	3865.0	3878.2	3890.1	3940.2	3990.4
12.5°	3838.6	3668.4	3498.2	3355.7	3291.0	3190.7	3089.1	3025.8	2962.4	2969.0	2974.3
15°	3180.2	3015.2	2849.0	2726.2	2685.3	2607.5	2529.6	2450.4	2369.9	2337.0	2302.7
17.5°	2432.0	2300.0	2166.7	2084.9	2084.9	2062.5	2040.1	2000.5	1959.6	1926.6	1892.3
20°	1782.7	1712.8	1641.5	1607.2	1617.8	1619.1	1619.1	1638.9	1658.7	1648.1	1637.6
22.5°	1475.3	1450.2	1425.1	1410.6	1415.9	1417.2	1418.5	1437.0	1454.2	1467.4	1479.2
25°	1331.4	1315.6	1299.8	1294.5	1306.4	1307.7	1307.7	1319.6	1331.4	1344.6	1357.8
27.5°	1219.3	1212.7	1206.1	1196.9	1208.7	1208.7	1207.4	1220.6	1232.5	1244.4	1254.9
30°	1112.4	1115.0	1116.4	1113.7	1121.6	1126.9	1130.9	1140.1	1148.0	1157.3	1166.5
32.5°	1037.2	1033.2	1029.3	1026.6	1043.8	1053.0	1062.3	1071.5	1079.4	1083.4	1087.3
35°	964.6	955.4	946.1	939.5	955.4	967.2	979.1	996.3	1012.1	1014.7	1017.4
37.5°	915.8	903.9	892.0	884.1	890.7	896.0	901.3	919.7	938.2	948.8	958.0
40°	869.6	857.7	845.8	839.2	843.2	844.5	845.8	855.1	863.0	882.8	901.3
42.5°	832.6	818.1	803.6	795.7	798.3	801.0	802.3	801.0	799.7	818.1	836.6
45°	795.7	779.9	764.0	754.8	756.1	756.1	756.1	753.5	749.5	758.8	768.0
47.5°	766.7	748.2	729.7	720.5	717.8	715.2	712.6	711.2	708.6	715.2	720.5
50°	737.6	717.8	696.7	686.2	679.6	676.9	674.3	673.0	670.3	676.9	682.2
52.5°	715.2	691.5	667.7	650.5	644.0	640.0	636.0	637.4	637.4	640.0	641.3
55°	675.6	654.5	632.1	620.2	608.3	605.7	603.0	607.0	609.6	609.6	609.6
57.5°	632.1	612.3	591.2	583.3	572.7	572.7	571.4	576.7	580.6	583.3	585.9
60°	593.8	571.4	548.9	542.3	538.4	537.1	535.7	542.3	547.6	552.9	558.2
62.5°	558.2	534.4	510.7	502.8	501.4	502.8	502.8	509.4	514.6	519.9	525.2
65°	518.6	494.8	469.8	461.8	464.5	468.4	472.4	477.7	481.6	486.9	492.2
67.5°	475.0	455.3	434.1	426.2	427.5	432.8	438.1	442.1	444.7	450.0	455.3
70°	427.5	410.4	393.2	388.0	386.6	393.2	398.5	401.1	403.8	410.4	415.7
72.5°	376.1	361.6	347.0	343.1	344.4	348.4	352.3	356.3	358.9	365.5	370.8
75°	323.3	310.1	296.9	294.3	296.9	300.9	304.8	307.5	310.1	318.0	324.6
77.5°	271.8	257.3	241.5	240.2	244.1	248.1	250.7	254.7	258.6	269.2	279.7
80°	217.7	201.9	184.7	183.4	187.4	191.3	195.3	199.3	203.2	216.4	228.3
82.5°	159.7	141.2	122.7	120.1	133.3	137.2	141.2	147.8	153.1	164.9	176.8
85°	96.3	77.9	59.4	58.1	69.9	76.5	83.1	91.1	97.6	108.2	118.8
87.5°	10.6	5.3	0.0	0.0	1.3	6.6	11.9	18.5	25.1	35.6	44.9
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: P320443
 CATALOG NUMBER: GAN-SA9B-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: P320443

CATALOG NUMBER: GAN-SA9B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1
2.5°	8453.2	8393.8	8454.5	8513.9	8538.9	8564.0	8499.4	8433.4	8536.3	8637.9	8664.3
5°	6925.1	6871.0	6911.9	6951.5	6863.1	6774.7	6765.4	6754.9	6831.4	6908.0	6919.8
7.5°	5368.0	5350.9	5389.1	5427.4	5315.2	5201.7	5146.3	5090.9	5109.4	5127.9	5125.2
10°	4002.3	4012.8	4060.3	4106.5	4019.4	3932.3	3894.1	3855.8	3898.0	3938.9	3977.2
12.5°	2998.1	3020.5	3070.6	3119.5	3083.8	3046.9	3050.8	3054.8	3103.6	3151.1	3193.4
15°	2329.0	2355.4	2391.1	2425.4	2426.7	2426.7	2461.0	2494.0	2490.0	2486.1	2515.1
17.5°	1927.9	1962.2	1966.2	1970.1	1971.4	1972.8	1970.1	1967.5	1947.7	1927.9	1950.3
20°	1650.8	1662.7	1673.2	1682.5	1670.6	1657.4	1624.4	1591.4	1578.2	1565.0	1586.1
22.5°	1501.7	1522.8	1512.2	1500.4	1476.6	1451.5	1426.5	1400.1	1398.7	1396.1	1408.0
25°	1376.3	1393.5	1375.0	1356.5	1339.4	1322.2	1305.1	1287.9	1286.6	1285.3	1290.5
27.5°	1272.1	1287.9	1270.7	1253.6	1239.1	1224.6	1211.4	1198.2	1195.5	1192.9	1194.2
30°	1182.3	1196.9	1182.3	1166.5	1155.9	1144.1	1134.8	1125.6	1124.3	1123.0	1123.0
32.5°	1101.8	1116.4	1105.8	1095.2	1086.0	1076.8	1070.2	1063.6	1057.0	1050.4	1035.9
35°	1031.9	1046.4	1039.8	1031.9	1021.3	1010.8	998.9	985.7	968.6	950.1	942.2
37.5°	972.5	987.0	980.4	973.8	959.3	944.8	923.7	901.3	896.0	889.4	888.1
40°	925.0	947.5	934.3	919.7	897.3	874.9	864.3	853.8	851.1	848.5	845.8
42.5°	872.2	906.5	882.8	859.0	837.9	816.8	814.2	811.5	810.2	808.9	808.9
45°	806.3	843.2	819.5	794.4	782.5	770.6	770.6	770.6	771.9	771.9	774.6
47.5°	744.2	766.7	754.8	742.9	736.3	729.7	731.0	732.4	736.3	739.0	745.6
50°	691.5	699.4	702.0	703.3	699.4	695.4	698.1	699.4	703.3	706.0	711.2
52.5°	653.2	665.1	665.1	663.7	663.7	663.7	666.4	669.0	673.0	676.9	682.2
55°	628.1	645.3	640.0	634.7	636.0	636.0	638.7	641.3	645.3	647.9	655.8
57.5°	604.4	622.8	617.6	612.3	612.3	612.3	613.6	614.9	618.9	621.5	626.8
60°	576.7	595.1	589.8	583.3	584.6	585.9	587.2	587.2	589.8	591.2	591.2
62.5°	543.7	562.1	556.9	550.3	554.2	556.9	556.9	556.9	559.5	560.8	556.9
65°	509.4	526.5	521.2	516.0	521.2	525.2	527.8	529.1	527.8	526.5	522.5
67.5°	472.4	489.6	484.3	477.7	484.3	489.6	494.8	498.8	494.8	490.9	485.6
70°	432.8	450.0	443.4	436.8	443.4	450.0	455.3	460.5	455.3	450.0	448.7
72.5°	390.6	410.4	402.5	394.6	402.5	410.4	413.0	415.7	411.7	407.7	405.1
75°	344.4	364.2	357.6	349.7	356.3	362.9	364.2	365.5	365.5	364.2	356.3
77.5°	295.6	311.4	307.5	303.5	307.5	311.4	311.4	311.4	312.7	312.7	302.2
80°	237.5	246.8	248.1	249.4	250.7	252.0	250.7	249.4	246.8	244.1	237.5
82.5°	176.8	176.8	187.4	196.6	196.6	195.3	194.0	191.3	186.1	179.5	164.9
85°	112.2	105.6	122.7	138.6	138.6	137.2	134.6	130.6	120.1	108.2	96.3
87.5°	38.3	31.7	48.8	66.0	67.3	67.3	64.7	62.0	51.5	39.6	30.4
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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 CATALOG NUMBER: GAN-SA9B-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: P320443

CATALOG NUMBER: GAN-SA9B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1
2.5°	8703.9	8721.0	8736.9	8866.2	8994.2	9144.6	9295.1	9409.9	9523.3	9640.8	9758.2
5°	6960.7	6981.8	7003.0	7160.0	7315.7	7525.5	7735.3	7916.1	8096.9	8309.3	8521.8
7.5°	5159.5	5205.7	5250.6	5418.2	5584.4	5810.1	6034.4	6270.6	6505.5	6782.6	7059.7
10°	4052.4	4139.5	4225.3	4396.8	4568.4	4791.4	5013.0	5259.8	5506.6	5779.7	6051.6
12.5°	3280.5	3396.6	3511.4	3717.2	3923.1	4189.6	4454.9	4729.3	5002.5	5242.7	5482.8
15°	2591.6	2718.3	2843.7	3061.4	3279.1	3572.1	3863.7	4163.2	4461.5	4749.1	5036.8
17.5°	2021.6	2125.8	2228.8	2413.5	2596.9	2880.6	3164.3	3478.4	3792.4	4143.5	4493.1
20°	1631.0	1674.5	1718.1	1851.4	1983.3	2214.2	2443.8	2764.5	3085.2	3504.8	3924.4
22.5°	1429.1	1451.5	1472.6	1537.3	1600.6	1749.8	1897.5	2181.3	2463.6	2921.5	3378.1
25°	1307.7	1324.8	1342.0	1384.2	1426.5	1497.7	1569.0	1768.2	1967.5	2417.5	2866.1
27.5°	1198.2	1224.6	1249.6	1269.4	1287.9	1336.7	1384.2	1514.9	1645.5	2065.1	2483.4
30°	1119.0	1128.2	1137.5	1167.8	1196.9	1247.0	1297.1	1388.2	1479.2	1834.2	2187.8
32.5°	1026.6	1039.8	1053.0	1084.7	1116.4	1162.5	1208.7	1282.6	1355.2	1658.7	1960.9
35°	943.5	956.7	969.9	1001.6	1031.9	1082.0	1130.9	1192.9	1253.6	1517.5	1781.4
37.5°	892.0	905.2	918.4	946.1	972.5	1022.7	1071.5	1120.3	1167.8	1411.9	1656.1
40°	848.5	861.7	874.9	901.3	926.3	975.2	1022.7	1063.6	1104.5	1332.8	1561.1
42.5°	810.2	824.7	839.2	865.6	890.7	934.3	977.8	1031.9	1084.7	1264.1	1442.3
45°	778.5	793.1	806.3	835.3	864.3	906.5	948.8	1024.0	1099.2	1228.5	1357.8
47.5°	749.5	765.4	779.9	811.5	843.2	896.0	947.5	1010.8	1072.8	1200.8	1328.8
50°	721.8	740.3	758.8	797.0	834.0	922.4	1009.5	1018.7	1026.6	1178.4	1328.8
52.5°	695.4	716.5	737.6	785.1	831.3	934.3	1037.2	1004.2	969.9	1136.2	1302.4
55°	669.0	687.5	704.7	762.7	820.8	896.0	971.2	927.7	882.8	1057.0	1231.2
57.5°	633.4	653.2	671.7	733.7	795.7	848.5	899.9	860.4	819.5	967.2	1113.7
60°	596.4	618.9	641.3	720.5	798.3	789.1	778.5	770.6	761.4	867.0	972.5
62.5°	563.5	587.2	611.0	713.9	816.8	753.5	690.1	696.7	702.0	779.9	857.7
65°	530.5	554.2	576.7	628.1	679.6	654.5	629.4	640.0	649.2	725.8	802.3
67.5°	493.5	514.6	534.4	551.6	568.7	571.4	574.0	584.6	595.1	686.2	775.9
70°	452.6	469.8	486.9	498.8	509.4	514.6	518.6	531.8	545.0	644.0	742.9
72.5°	406.4	420.9	434.1	444.7	455.3	459.2	461.8	475.0	488.2	593.8	699.4
75°	356.3	368.2	378.7	388.0	397.2	402.5	407.7	417.0	426.2	541.0	654.5
77.5°	300.9	312.7	323.3	331.2	337.8	343.1	347.0	358.9	370.8	467.1	562.1
80°	234.9	249.4	262.6	269.2	274.5	275.8	275.8	286.3	296.9	365.5	432.8
82.5°	166.3	182.1	196.6	201.9	207.2	207.2	207.2	219.0	230.9	277.1	322.0
85°	97.6	114.8	130.6	135.9	141.2	143.8	145.2	150.4	154.4	187.4	219.0
87.5°	30.4	44.9	58.1	60.7	63.3	68.6	73.9	75.2	75.2	97.6	120.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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: P320443

CATALOG NUMBER: GAN-SA9B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1	10055.1
2.5°	9892.8	10027.4	10184.4	10340.2	10473.4	10606.7	10717.6
5°	8792.3	9062.8	9394.0	9723.9	10018.2	10312.4	10654.2
7.5°	7409.4	7759.1	8187.9	8616.8	9032.5	9446.8	9972.0
10°	6407.8	6762.8	7216.7	7669.3	8136.5	8602.3	9196.1
12.5°	5771.8	6059.5	6498.9	6938.3	7487.2	8034.9	8606.2
15°	5352.2	5666.2	6093.8	6521.3	7121.7	7722.1	8379.3
17.5°	4904.8	5315.2	5862.9	6410.5	7121.7	7831.7	8606.2
20°	4436.4	4947.1	5657.0	6366.9	7324.9	8281.6	9270.0
22.5°	3969.3	4560.4	5470.9	6380.1	7632.4	8883.3	10217.4
25°	3548.3	4230.5	5357.5	6483.1	8079.7	9675.1	11329.8
27.5°	3229.0	3973.2	5311.3	6648.0	8647.1	10646.3	12539.9
30°	2945.3	3702.7	5255.8	6809.0	9193.4	11576.6	13486.0
32.5°	2699.8	3438.8	5149.0	6857.8	9574.8	12291.8	14287.0
35°	2507.2	3232.9	4969.5	6706.1	9813.6	12921.2	15121.0
37.5°	2340.9	3025.8	4765.0	6504.2	10026.1	13548.0	16059.2
40°	2182.6	2804.1	4589.5	6373.5	10319.0	14264.6	17050.2
42.5°	2032.1	2622.0	4448.3	6274.6	10590.9	14905.9	17917.1
45°	1920.0	2482.1	4322.9	6162.4	10766.4	15370.4	18570.3
47.5°	1864.6	2399.0	4255.6	6110.9	10941.9	15771.5	19112.7
50°	1856.6	2384.5	4332.2	6279.8	11321.9	16362.7	19732.9
52.5°	1855.3	2408.2	4552.5	6696.8	12027.9	17357.6	20404.5
55°	1827.6	2422.7	4815.1	7206.2	12975.3	18743.2	21611.9
57.5°	1743.2	2372.6	5085.6	7797.3	13976.9	20155.1	22972.4
60°	1612.5	2251.2	5308.6	8364.8	14649.9	20933.7	23496.3
62.5°	1448.9	2038.7	5382.5	8725.0	14631.4	20537.8	22968.4
65°	1309.0	1815.7	5139.7	8462.4	13891.1	19318.5	21924.7
67.5°	1185.0	1592.7	4532.7	7471.4	12559.7	17646.6	20597.2
70°	1095.2	1446.2	3750.2	6054.2	10893.1	15730.6	19059.9
72.5°	1038.5	1376.3	3057.4	4737.3	8839.8	12941.0	16303.3
75°	960.6	1266.8	2399.0	3529.9	6765.4	10001.0	12314.2
77.5°	815.5	1067.5	1807.8	2548.1	4964.2	7379.0	8564.0
80°	629.4	824.7	1243.0	1661.3	3416.4	5171.4	5839.1
82.5°	448.7	575.3	753.5	931.6	2269.7	3606.4	3661.8
85°	277.1	335.2	431.5	527.8	1501.7	2475.5	2062.5
87.5°	149.1	178.1	228.3	277.1	480.3	683.5	393.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320443
 CATALOG NUMBER: GAN-SA9B-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)