

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: P320453

Luminaire Tested: **GAN-SA9C-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320453
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-SA9C-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 2700K, 1050mA 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: 40850 lumens
Efficiency: N/A
Efficacy: 81.5 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

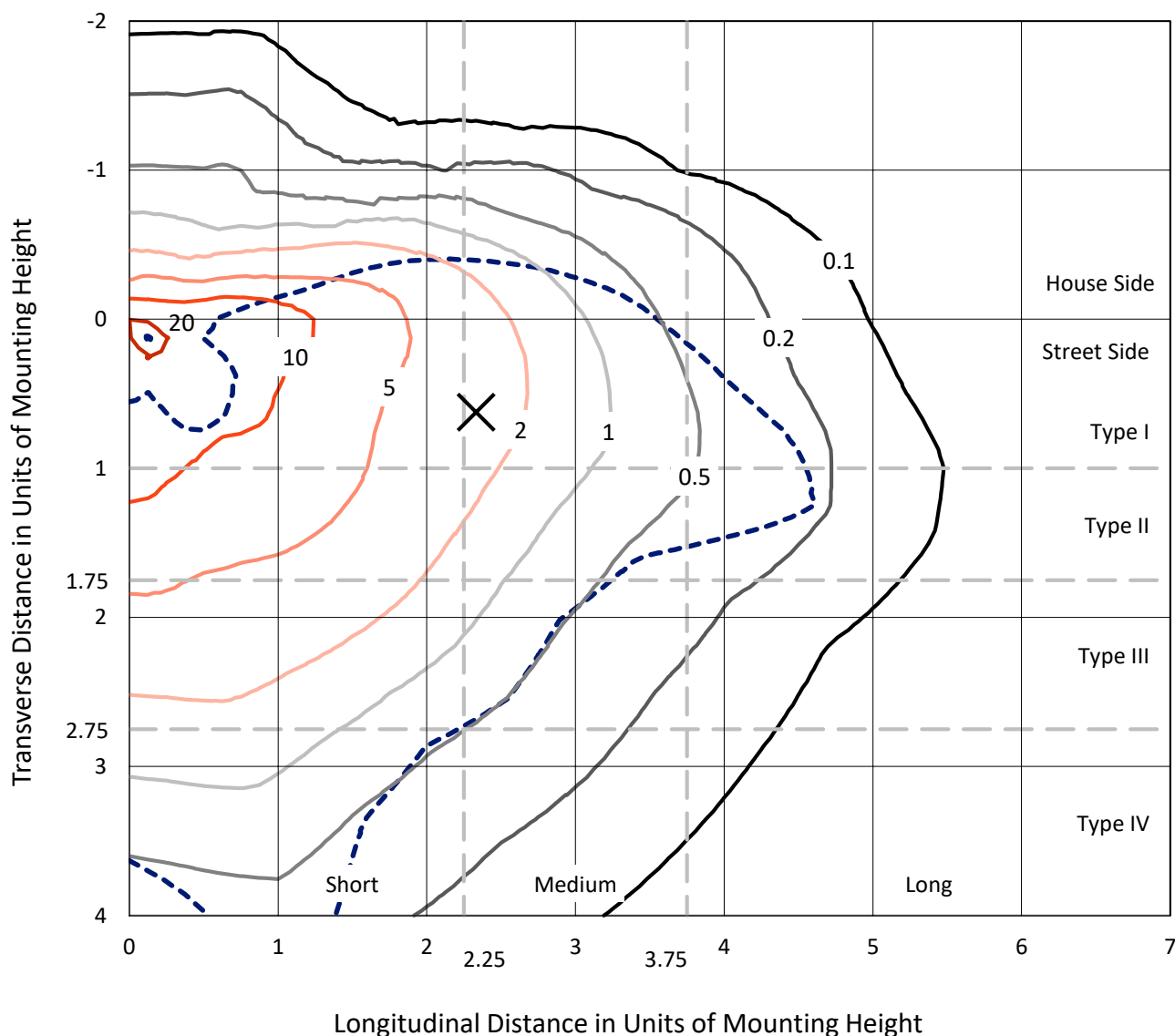
Input Watts (W): 501
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

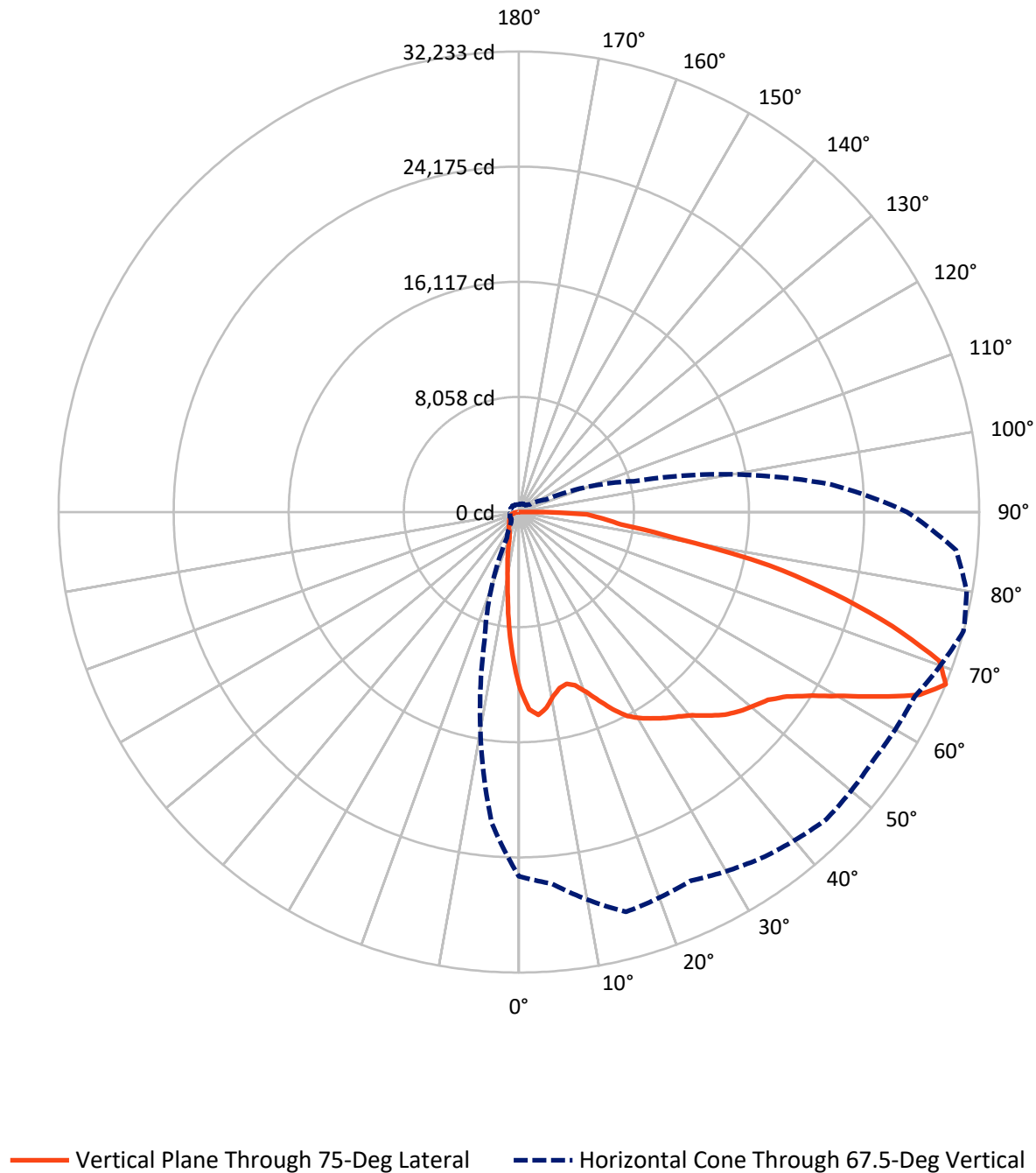
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 25 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	7194.7	0.0	7194.7
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	33655.3	0.0	33655.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	40850.0	0.0	40850.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	960.5	2.4
10°-20°	1995.3	4.9
20°-30°	2837.8	6.9
30°-40°	4089.2	10.0
40°-50°	5762.9	14.1
50°-60°	8011.4	19.6
60°-70°	9688.1	23.7
70°-80°	5955.2	14.6
80°-90°	1549.6	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°	40850.0	100.0
0°-180°	40850.0	100.0

Coefficient of Utilization



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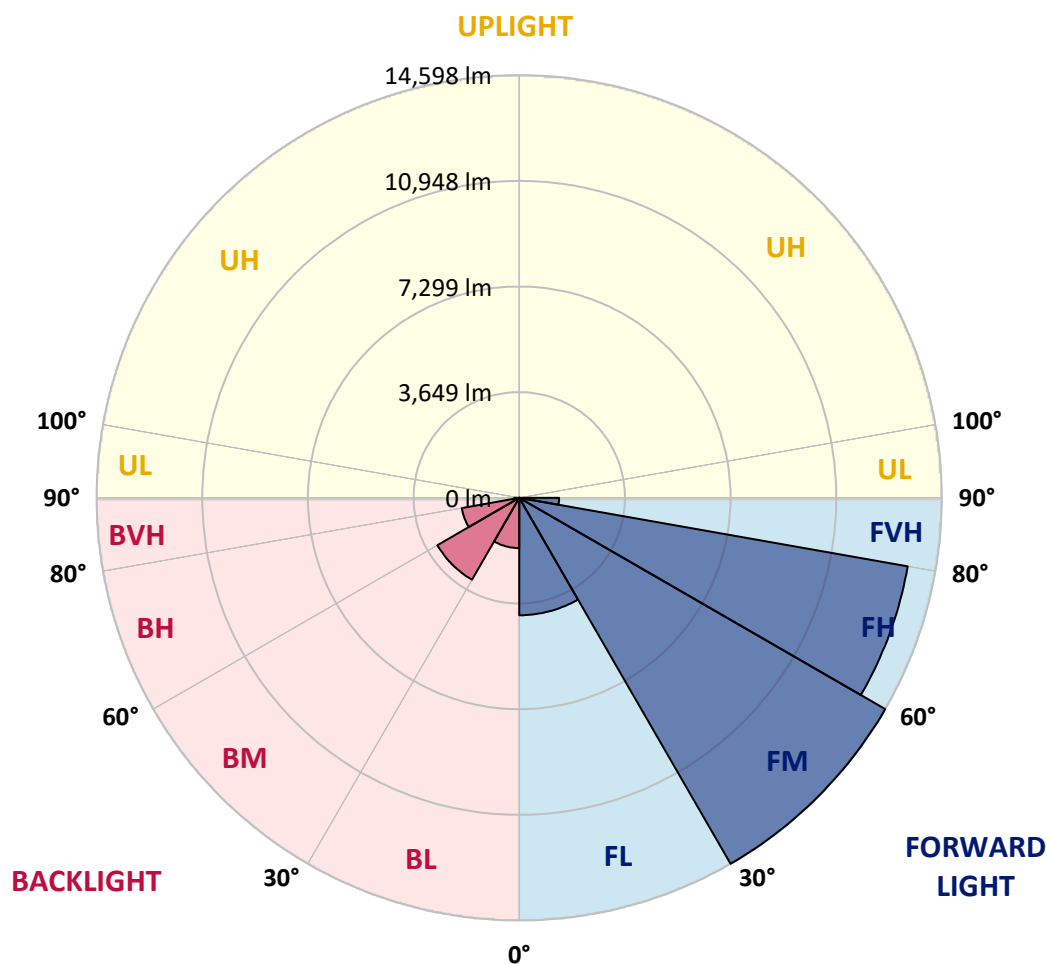
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4056.0	9.9			
FM	(30°-60°)	14597.6	35.7			
FH	(60°-80°)	13626.2	33.4			G5
FVH	(80°-90°)	1375.5	3.4			G5
BL	(0°-30°)	1737.6	4.3	B3/2500		
BM	(30°-60°)	3265.8	8.0	B3/5000		
BH	(60°-80°)	2017.1	4.9	B3/2500		G3/2500
BVH	(80°-90°)	174.1	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°	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1
2.5°	13265.0	13439.8	13560.6	13679.9	13773.0	13864.4	13998.3	14132.3	14158.4	14182.9	14130.6
5°	13186.6	13612.9	13975.5	14336.4	14671.2	15006.0	15206.9	15407.8	15448.6	15489.5	15363.7
7.5°	12342.3	12971.0	13599.8	14228.6	14805.1	15381.7	15732.8	16082.3	16162.4	16240.7	16035.0
10°	11381.9	12113.6	12886.1	13658.6	14418.1	15177.5	15685.5	16193.4	16294.6	16395.9	16139.5
12.5°	10651.9	11450.5	12275.3	13100.1	13902.0	14702.3	15228.2	15754.0	15879.8	16005.6	15819.4
15°	10371.0	11246.4	12022.1	12797.9	13496.9	14194.3	14625.5	15055.0	15107.3	15157.9	15128.5
17.5°	10651.9	11617.1	12319.4	13020.0	13400.6	13779.5	13952.6	14124.1	14181.3	14236.8	14311.9
20°	11473.4	12515.4	13010.2	13503.5	13487.1	13469.2	13385.9	13301.0	13286.3	13271.6	13483.9
22.5°	12646.0	13856.2	14053.9	14249.9	13790.9	13332.0	13052.7	12771.8	12716.3	12659.1	12884.5
25°	14022.8	15311.4	15275.5	15238.0	14364.2	13488.8	12956.3	12423.9	12361.8	12299.8	12492.5
27.5°	15520.5	16751.9	16516.8	16281.6	15094.2	13906.9	13134.4	12361.8	12299.8	12237.7	12407.6
30°	16691.5	17808.6	17431.4	17054.1	15710.0	14365.8	13447.9	12530.1	12428.8	12325.9	12535.0
32.5°	17682.9	18633.4	18127.1	17620.8	16209.7	14798.6	13805.6	12812.6	12654.2	12495.8	12775.1
35°	18715.1	19456.6	18744.5	18030.8	16655.6	15278.8	14228.6	13176.8	12982.5	12788.1	13171.9
37.5°	19876.3	20492.0	19469.6	18445.6	17157.0	15868.4	14862.3	13854.6	13655.4	13456.1	13946.1
40°	21102.8	21615.7	20251.9	18888.2	17705.7	16523.3	15739.4	14953.8	14764.3	14573.2	15167.7
42.5°	22175.9	22549.9	20980.4	19410.8	18367.2	17321.9	16769.9	16216.3	16214.6	16211.4	16814.0
45°	22984.3	23309.3	21587.9	19864.9	19012.3	18158.2	17870.7	17583.3	17813.5	18043.8	18589.3
47.5°	23655.6	23876.1	22097.5	20317.3	19750.5	19183.8	19226.3	19268.7	19737.5	20206.2	20557.4
50°	24423.2	24245.2	22559.7	20872.6	20697.8	20523.1	20905.2	21285.8	21824.7	22362.1	22600.5
52.5°	25254.5	24782.5	23186.8	21589.5	21785.5	21981.5	22758.9	23536.3	24080.2	24624.1	24713.9
55°	26748.9	26025.4	24339.9	22652.8	23030.0	23405.7	24547.3	25687.3	26111.9	26536.6	26569.2
57.5°	28432.7	27790.9	25955.1	24119.4	24524.4	24929.5	26247.5	27563.9	28022.8	28480.1	28416.4
60°	29081.1	29112.2	27488.7	25863.7	26272.0	26680.3	27964.0	29247.7	29775.3	30301.1	30160.7
62.5°	28427.8	29193.8	28326.6	27457.7	27828.5	28197.6	29455.1	30712.7	31253.3	31793.9	31548.9
65°	27136.0	27895.4	28284.1	28672.8	28795.3	28917.8	30092.1	31264.7	31679.6	32092.8	31968.7
67.5°	25492.9	26107.0	27541.0	28973.3	28726.7	28480.1	29030.5	29580.9	30007.2	30433.4	30363.2
70°	23590.2	24321.9	26234.4	28146.9	26935.1	25721.6	25494.6	25267.6	25728.1	26187.1	25902.9
72.5°	20178.4	21282.5	23322.4	25360.7	23128.0	20895.4	20119.6	19343.9	19926.9	20510.0	20057.6
75°	15241.2	16706.2	18960.1	21212.3	18548.5	15884.7	14849.2	13813.8	14315.2	14816.6	14506.3
77.5°	10599.6	12437.0	14656.5	16876.1	14168.2	11458.7	10689.4	9918.6	10068.8	10217.4	10165.2
80°	7227.0	8435.6	9983.9	11530.5	9727.5	7924.4	7984.8	8043.6	7973.4	7901.5	8006.0
82.5°	4532.2	5383.1	6578.6	7772.5	6815.4	5858.4	6407.1	6955.9	6686.4	6415.3	6516.6
85°	2552.7	3072.1	4241.5	5409.2	5041.8	4672.6	4994.4	5314.5	4896.4	4478.3	4662.8
87.5°	486.7	810.1	2346.9	3882.2	3524.5	3166.8	2752.0	2337.1	1783.5	1229.8	1796.5
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°	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1
2.5°	14078.4	14050.6	14022.8	13923.2	13821.9	13671.7	13547.6	13332.0	13214.4	13036.4	12858.3
5°	15236.3	15059.9	14883.5	14579.8	14274.4	13934.6	13544.3	13111.5	12784.9	12360.2	11935.6
7.5°	15829.2	15417.6	15004.4	14421.3	13836.6	13310.8	12693.4	12118.5	11628.5	11076.5	10524.5
10°	15883.1	15265.7	14646.7	13888.9	13129.5	12490.9	11780.4	11141.8	10553.9	9920.2	9284.9
12.5°	15631.6	14975.0	14316.8	13482.2	12646.0	11920.9	11156.5	10441.2	9789.5	9092.1	8393.1
15°	15099.1	14574.9	14049.0	13266.7	12484.3	11752.7	11011.2	10163.5	9427.0	8713.2	7997.9
17.5°	14385.4	14137.2	13887.3	13322.2	12755.5	12121.8	11403.1	10408.5	9546.2	8770.4	7994.6
20°	13694.6	13786.0	13875.8	13650.5	13425.1	12917.1	12290.0	11172.9	10072.1	9057.8	8042.0
22.5°	13108.2	13547.6	13985.3	14160.0	14333.1	14027.7	13537.8	12245.9	10789.1	9464.5	8140.0
25°	12683.6	13412.0	14140.4	14721.9	15301.6	15166.1	14788.8	13549.2	11739.6	10050.8	8360.5
27.5°	12577.4	13470.8	14364.2	15265.7	16165.6	16291.4	16186.9	14922.7	12873.0	10779.3	8683.8
30°	12744.0	13648.8	14552.0	15649.5	16745.4	17246.8	17387.3	16067.6	14168.2	11628.5	9087.2
32.5°	13054.3	13941.2	14828.0	16023.5	17217.4	17975.2	18422.7	17114.5	15071.4	12268.8	9464.5
35°	13555.7	14385.4	15215.1	16459.6	17704.1	18684.0	19500.7	18195.7	15873.3	12716.3	9557.6
37.5°	14434.4	15148.1	15861.8	17011.6	18159.8	19430.4	20657.0	19386.3	16740.5	13147.4	9552.7
40°	15762.2	16266.9	16769.9	17741.7	18711.8	20310.7	21966.8	20714.1	17699.2	13614.5	9529.8
42.5°	17416.7	17676.4	17934.4	18703.6	19472.9	21230.2	23155.8	22012.6	18613.8	14049.0	9484.1
45°	19133.2	19201.8	19270.4	19755.4	20238.9	21958.7	23965.9	22987.6	19412.5	14426.2	9438.4
47.5°	20906.9	20671.7	20436.5	20629.2	20821.9	22517.2	24544.0	23727.4	20214.4	14844.3	9472.7
50°	22839.0	22184.0	21529.1	21427.9	21326.6	23075.8	25225.1	24668.2	21178.0	15453.5	9729.1
52.5°	24802.1	23722.5	22643.0	22242.8	21841.1	23742.1	26128.3	25839.2	22553.1	16397.5	10240.3
55°	26601.9	25228.4	23854.8	23315.9	22776.9	24761.3	27230.7	27559.0	24315.4	17604.5	10892.0
57.5°	28351.1	26794.6	25238.2	24738.4	24238.6	26258.9	28627.1	29102.4	26095.6	18762.4	11427.6
60°	30020.2	28480.1	26938.3	26538.2	26136.4	28120.8	30136.2	29790.0	27013.5	19304.7	11594.2
62.5°	31303.9	30079.0	28854.1	28643.4	28431.1	30003.9	31295.8	29522.1	26430.4	18770.6	11110.8
65°	31844.5	31147.2	30448.1	30645.8	30841.7	31428.1	31584.9	28738.2	24597.9	17274.6	9951.2
67.5°	30291.3	30433.4	30575.5	31405.2	32233.2	31829.8	30725.8	27193.1	21989.7	15154.7	8319.6
70°	25617.1	26469.6	27320.5	29283.7	31245.2	30350.1	28424.6	24419.9	18850.6	12713.0	6573.7
72.5°	19603.6	20562.3	21519.3	24433.0	27345.0	26520.2	24161.9	20057.6	15113.8	10152.1	5188.7
75°	14194.3	15277.1	16358.3	19572.5	22786.7	21641.8	18073.2	14360.9	11479.9	7749.6	4017.7
77.5°	10111.3	10836.4	11561.6	14736.6	17909.9	16044.8	12030.3	9663.8	7945.6	5386.4	2825.5
80°	8110.6	7888.5	7666.3	9435.1	11203.9	10893.6	7957.1	6206.2	5499.1	3609.4	1719.8
82.5°	6616.2	6073.9	5531.7	6364.7	7197.6	7151.9	5521.9	4553.4	4092.9	2508.6	924.4
85°	4845.8	4628.5	4411.3	5147.9	5884.5	5255.7	3740.1	2894.1	3191.3	1847.2	503.0
87.5°	2363.3	2699.7	3034.5	3903.4	4770.6	3581.7	1135.1	561.8	777.4	511.2	243.3
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: P320453
 CATALOG NUMBER: GAN-SA9C-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: P320453

CATALOG NUMBER: GAN-SA9C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1
2.5°	12726.1	12592.1	12440.2	12288.4	12115.2	11940.5	11837.6	11733.1	11620.4	11507.7	11380.3
5°	11654.7	11373.8	11055.3	10736.8	10421.6	10106.4	9936.5	9766.7	9587.0	9405.7	9248.9
7.5°	10116.2	9706.2	9265.3	8822.7	8430.7	8037.1	7793.7	7548.7	7326.6	7102.9	6915.1
10°	8762.2	8239.6	7797.0	7352.8	7057.1	6761.5	6537.8	6314.0	6098.4	5881.2	5673.8
12.5°	7870.5	7347.9	7066.9	6786.0	6541.1	6296.1	6038.0	5778.3	5482.7	5185.5	4968.3
15°	7522.6	7047.3	6735.4	6421.8	6093.5	5763.6	5446.8	5129.9	4780.4	4430.9	4184.3
17.5°	7372.4	6750.1	6314.0	5876.3	5443.5	5010.7	4643.2	4275.8	3893.6	3511.4	3261.5
20°	7213.9	6385.9	5801.2	5214.9	4659.6	4104.3	3687.8	3271.3	2930.0	2588.7	2397.6
22.5°	7070.2	5998.8	5265.5	4530.6	3874.0	3217.4	2809.1	2399.2	2190.1	1981.1	1904.3
25°	7011.4	5660.7	4759.2	3857.7	3165.2	2471.1	2180.4	1889.6	1809.6	1727.9	1688.8
27.5°	7021.2	5358.6	4332.9	3305.6	2681.7	2057.9	1858.6	1659.4	1610.4	1559.7	1535.2
30°	7058.8	5030.3	3931.2	2832.0	2317.5	1803.1	1674.1	1543.4	1491.1	1438.9	1407.8
32.5°	7101.2	4736.3	3620.9	2503.7	2084.0	1662.6	1556.5	1448.7	1398.0	1347.4	1316.4
35°	7027.7	4496.3	3408.5	2320.8	1933.7	1545.0	1455.2	1363.7	1308.2	1252.7	1223.3
37.5°	6903.6	4254.5	3243.6	2231.0	1835.7	1438.9	1373.5	1306.6	1249.4	1190.6	1162.9
40°	6790.9	4050.4	3121.1	2190.1	1781.8	1371.9	1316.4	1260.8	1202.1	1141.6	1109.0
42.5°	6699.5	3913.2	3000.2	2087.3	1732.8	1376.8	1298.4	1218.4	1161.2	1104.1	1068.1
45°	6630.9	3823.4	2905.5	1987.6	1687.1	1386.6	1287.0	1187.4	1130.2	1071.4	1028.9
47.5°	6624.3	3776.0	2838.5	1901.1	1600.6	1298.4	1257.6	1216.7	1133.5	1048.5	999.5
50°	6714.2	3699.2	2760.1	1819.4	1517.3	1215.1	1270.6	1324.5	1182.5	1038.7	976.7
52.5°	6902.0	3563.7	2636.0	1708.3	1416.0	1122.0	1208.6	1293.5	1171.0	1046.9	966.9
55°	7129.0	3364.4	2448.2	1530.3	1282.1	1032.2	1109.0	1184.1	1107.3	1028.9	932.6
57.5°	7271.1	3112.9	2211.4	1309.8	1131.8	953.8	997.9	1040.4	1009.3	978.3	880.3
60°	7186.2	2778.1	1945.2	1110.6	999.5	888.5	880.3	870.5	916.2	962.0	849.3
62.5°	6771.3	2431.9	1710.0	988.1	904.8	819.9	801.9	782.3	857.4	930.9	811.7
65°	6070.7	2190.1	1561.4	932.6	839.5	746.4	726.8	707.2	730.0	752.9	697.4
67.5°	5180.6	2041.5	1476.4	911.3	798.6	684.3	661.5	638.6	633.7	628.8	609.2
70°	4262.7	1950.1	1420.9	891.7	754.5	615.7	594.5	573.3	566.7	558.6	543.9
72.5°	3563.7	1938.6	1414.4	890.1	718.6	547.1	527.5	507.9	499.8	490.0	478.5
75°	2918.6	1819.4	1342.5	865.6	669.6	472.0	454.0	436.1	429.5	421.4	411.6
77.5°	2165.7	1505.8	1128.6	751.3	573.3	395.2	377.3	357.7	356.0	352.8	344.6
80°	1404.6	1089.4	806.8	524.3	418.1	310.3	295.6	279.3	280.9	282.5	276.0
82.5°	780.7	635.3	493.2	351.1	285.8	220.5	214.0	205.8	210.7	214.0	205.8
85°	411.6	320.1	264.6	209.1	165.0	120.9	120.9	119.2	125.8	132.3	125.8
87.5°	178.0	112.7	96.4	78.4	44.1	8.2	9.8	9.8	13.1	16.3	14.7
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: P320453
 CATALOG NUMBER: GAN-SA9C-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: P320453

CATALOG NUMBER: GAN-SA9C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1
2.5°	11251.3	11132.0	11011.2	10878.9	10903.4	10802.1	10700.9	10637.2	10573.5	10553.9	10534.3
5°	9092.1	8956.6	8819.4	8696.9	8803.1	8731.2	8659.3	8649.5	8638.1	8638.1	8636.5
7.5°	6727.2	6581.9	6434.9	6333.6	6438.2	6425.1	6412.0	6482.3	6552.5	6609.6	6665.2
10°	5466.4	5290.0	5112.0	4961.7	4935.6	4860.5	4783.7	4800.0	4814.7	4876.8	4938.9
12.5°	4751.0	4540.4	4329.7	4153.3	4073.3	3949.1	3823.4	3745.0	3666.6	3674.7	3681.3
15°	3936.1	3731.9	3526.1	3374.2	3323.6	3227.2	3130.9	3032.9	2933.3	2892.4	2850.0
17.5°	3010.0	2846.7	2681.7	2580.5	2580.5	2552.7	2525.0	2476.0	2425.3	2384.5	2342.0
20°	2206.5	2119.9	2031.7	1989.3	2002.3	2004.0	2004.0	2028.5	2053.0	2039.9	2026.8
22.5°	1825.9	1794.9	1763.9	1745.9	1752.4	1754.1	1755.7	1778.6	1799.8	1816.1	1830.8
25°	1647.9	1628.3	1608.7	1602.2	1616.9	1618.5	1618.5	1633.2	1647.9	1664.3	1680.6
27.5°	1509.1	1500.9	1492.8	1481.3	1496.0	1496.0	1494.4	1510.7	1525.4	1540.1	1553.2
30°	1376.8	1380.1	1381.7	1378.4	1388.2	1394.8	1399.7	1411.1	1420.9	1432.3	1443.8
32.5°	1283.7	1278.8	1273.9	1270.6	1291.9	1303.3	1314.7	1326.2	1336.0	1340.9	1345.8
35°	1193.9	1182.5	1171.0	1162.9	1182.5	1197.2	1211.8	1233.1	1252.7	1255.9	1259.2
37.5°	1133.5	1118.8	1104.1	1094.3	1102.4	1109.0	1115.5	1138.4	1161.2	1174.3	1185.7
40°	1076.3	1061.6	1046.9	1038.7	1043.6	1045.3	1046.9	1058.3	1068.1	1092.6	1115.5
42.5°	1030.6	1012.6	994.6	984.8	988.1	991.4	993.0	991.4	989.7	1012.6	1035.5
45°	984.8	965.2	945.6	934.2	935.8	935.8	935.8	932.6	927.7	939.1	950.5
47.5°	948.9	926.0	903.2	891.7	888.5	885.2	881.9	880.3	877.0	885.2	891.7
50°	913.0	888.5	862.3	849.3	841.1	837.8	834.6	832.9	829.7	837.8	844.4
52.5°	885.2	855.8	826.4	805.2	797.0	792.1	787.2	788.8	788.8	792.1	793.7
55°	836.2	810.1	782.3	767.6	752.9	749.6	746.4	751.3	754.5	754.5	754.5
57.5°	782.3	757.8	731.7	721.9	708.8	708.8	707.2	713.7	718.6	721.9	725.2
60°	734.9	707.2	679.4	671.3	666.4	664.7	663.1	671.3	677.8	684.3	690.9
62.5°	690.9	661.5	632.1	622.3	620.6	622.3	622.3	630.4	637.0	643.5	650.0
65°	641.9	612.5	581.4	571.6	574.9	579.8	584.7	591.2	596.1	602.7	609.2
67.5°	588.0	563.5	537.3	527.5	529.2	535.7	542.2	547.1	550.4	556.9	563.5
70°	529.2	507.9	486.7	480.2	478.5	486.7	493.2	496.5	499.8	507.9	514.5
72.5°	465.5	447.5	429.5	424.6	426.3	431.2	436.1	441.0	444.2	452.4	458.9
75°	400.1	383.8	367.5	364.2	367.5	372.4	377.3	380.5	383.8	393.6	401.8
77.5°	336.4	318.5	298.9	297.2	302.1	307.0	310.3	315.2	320.1	333.2	346.2
80°	269.5	249.9	228.7	227.0	231.9	236.8	241.7	246.6	251.5	267.8	282.5
82.5°	197.6	174.8	151.9	148.6	165.0	169.9	174.8	182.9	189.5	204.2	218.9
85°	119.2	96.4	73.5	71.9	86.6	94.7	102.9	112.7	120.9	133.9	147.0
87.5°	13.1	6.5	0.0	0.0	1.6	8.2	14.7	22.9	31.0	44.1	55.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320453
 CATALOG NUMBER: GAN-SA9C-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: P320453

CATALOG NUMBER: GAN-SA9C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1
2.5°	10462.4	10388.9	10464.0	10537.5	10568.6	10599.6	10519.6	10437.9	10565.3	10691.1	10723.7
5°	8571.1	8504.2	8554.8	8603.8	8494.4	8385.0	8373.5	8360.5	8455.2	8549.9	8564.6
7.5°	6643.9	6622.7	6670.1	6717.4	6578.6	6438.2	6369.6	6301.0	6323.8	6346.7	6343.4
10°	4953.6	4966.6	5025.4	5082.6	4974.8	4867.0	4819.6	4772.3	4824.5	4875.2	4922.5
12.5°	3710.7	3738.4	3800.5	3860.9	3816.8	3771.1	3776.0	3780.9	3841.3	3900.1	3952.4
15°	2882.6	2915.3	2959.4	3001.9	3003.5	3003.5	3046.0	3086.8	3081.9	3077.0	3112.9
17.5°	2386.1	2428.6	2433.5	2438.4	2440.0	2441.7	2438.4	2435.1	2410.6	2386.1	2413.9
20°	2043.2	2057.9	2070.9	2082.4	2067.7	2051.3	2010.5	1969.7	1953.3	1937.0	1963.1
22.5°	1858.6	1884.7	1871.7	1857.0	1827.6	1796.5	1765.5	1732.8	1731.2	1727.9	1742.6
25°	1703.4	1724.7	1701.8	1679.0	1657.7	1636.5	1615.3	1594.0	1592.4	1590.8	1597.3
27.5°	1574.4	1594.0	1572.8	1551.6	1533.6	1515.6	1499.3	1483.0	1479.7	1476.4	1478.1
30°	1463.4	1481.3	1463.4	1443.8	1430.7	1416.0	1404.6	1393.1	1391.5	1389.9	1389.9
32.5°	1363.7	1381.7	1368.6	1355.6	1344.1	1332.7	1324.5	1316.4	1308.2	1300.0	1282.1
35°	1277.2	1295.1	1287.0	1277.2	1264.1	1251.0	1236.3	1220.0	1198.8	1175.9	1166.1
37.5°	1203.7	1221.6	1213.5	1205.3	1187.4	1169.4	1143.3	1115.5	1109.0	1100.8	1099.2
40°	1144.9	1172.7	1156.3	1138.4	1110.6	1082.8	1069.8	1056.7	1053.4	1050.2	1046.9
42.5°	1079.6	1122.0	1092.6	1063.2	1037.1	1011.0	1007.7	1004.4	1002.8	1001.2	1001.2
45°	997.9	1043.6	1014.2	983.2	968.5	953.8	953.8	953.8	955.4	955.4	958.7
47.5°	921.1	948.9	934.2	919.5	911.3	903.2	904.8	906.4	911.3	914.6	922.8
50°	855.8	865.6	868.9	870.5	865.6	860.7	864.0	865.6	870.5	873.8	880.3
52.5°	808.4	823.1	823.1	821.5	821.5	821.5	824.8	828.0	832.9	837.8	844.4
55°	777.4	798.6	792.1	785.6	787.2	787.2	790.5	793.7	798.6	801.9	811.7
57.5°	748.0	770.9	764.3	757.8	757.8	757.8	759.4	761.1	766.0	769.2	775.8
60°	713.7	736.6	730.0	721.9	723.5	725.2	726.8	726.8	730.0	731.7	731.7
62.5°	672.9	695.8	689.2	681.1	686.0	689.2	689.2	689.2	692.5	694.1	689.2
65°	630.4	651.7	645.1	638.6	645.1	650.0	653.3	654.9	653.3	651.7	646.8
67.5°	584.7	605.9	599.4	591.2	599.4	605.9	612.5	617.4	612.5	607.6	601.0
70°	535.7	556.9	548.8	540.6	548.8	556.9	563.5	570.0	563.5	556.9	555.3
72.5°	483.4	507.9	498.1	488.3	498.1	507.9	511.2	514.5	509.6	504.7	501.4
75°	426.3	450.8	442.6	432.8	441.0	449.1	450.8	452.4	452.4	450.8	441.0
77.5°	365.8	385.4	380.5	375.6	380.5	385.4	385.4	385.4	387.1	387.1	374.0
80°	294.0	305.4	307.0	308.7	310.3	311.9	310.3	308.7	305.4	302.1	294.0
82.5°	218.9	218.9	231.9	243.3	243.3	241.7	240.1	236.8	230.3	222.1	204.2
85°	138.8	130.7	151.9	171.5	171.5	169.9	166.6	161.7	148.6	133.9	119.2
87.5°	47.4	39.2	60.4	81.7	83.3	83.3	80.0	76.8	63.7	49.0	37.6
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: P320453
 CATALOG NUMBER: GAN-SA9C-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: P320453

CATALOG NUMBER: GAN-SA9C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1
2.5°	10772.7	10794.0	10813.6	10973.6	11132.0	11318.2	11504.4	11646.5	11787.0	11932.3	12077.7
5°	8615.2	8641.4	8667.5	8861.9	9054.6	9314.3	9573.9	9797.7	10021.4	10284.4	10547.3
7.5°	6385.9	6443.1	6498.6	6706.0	6911.8	7191.1	7468.7	7761.1	8051.8	8394.8	8737.7
10°	5015.6	5123.4	5229.6	5441.9	5654.2	5930.2	6204.6	6510.0	6815.4	7153.5	7490.0
12.5°	4060.2	4203.9	4346.0	4600.8	4855.6	5185.5	5513.8	5853.5	6191.5	6488.8	6786.0
15°	3207.6	3364.4	3519.6	3789.1	4058.6	4421.1	4782.1	5152.8	5521.9	5878.0	6234.0
17.5°	2502.1	2631.1	2758.5	2987.2	3214.2	3565.3	3916.5	4305.2	4693.9	5128.3	5561.1
20°	2018.7	2072.6	2126.5	2291.4	2454.7	2740.5	3024.7	3421.6	3818.5	4337.8	4857.2
22.5°	1768.8	1796.5	1822.7	1902.7	1981.1	2165.7	2348.6	2699.7	3049.2	3616.0	4181.0
25°	1618.5	1639.8	1661.0	1713.2	1765.5	1853.7	1941.9	2188.5	2435.1	2992.1	3547.4
27.5°	1483.0	1515.6	1546.7	1571.2	1594.0	1654.5	1713.2	1874.9	2036.6	2556.0	3073.7
30°	1385.0	1396.4	1407.8	1445.4	1481.3	1543.4	1605.5	1718.1	1830.8	2270.2	2707.9
32.5°	1270.6	1287.0	1303.3	1342.5	1381.7	1438.9	1496.0	1587.5	1677.3	2053.0	2427.0
35°	1167.8	1184.1	1200.4	1239.6	1277.2	1339.2	1399.7	1476.4	1551.6	1878.2	2204.8
37.5°	1104.1	1120.4	1136.7	1171.0	1203.7	1265.7	1326.2	1386.6	1445.4	1747.5	2049.7
40°	1050.2	1066.5	1082.8	1115.5	1146.5	1207.0	1265.7	1316.4	1367.0	1649.6	1932.1
42.5°	1002.8	1020.8	1038.7	1071.4	1102.4	1156.3	1210.2	1277.2	1342.5	1564.6	1785.1
45°	963.6	981.6	997.9	1033.8	1069.8	1122.0	1174.3	1267.4	1360.5	1520.5	1680.6
47.5°	927.7	947.3	965.2	1004.4	1043.6	1109.0	1172.7	1251.0	1327.8	1486.2	1644.7
50°	893.4	916.2	939.1	986.5	1032.2	1141.6	1249.4	1260.8	1270.6	1458.5	1644.7
52.5°	860.7	886.8	913.0	971.8	1028.9	1156.3	1283.7	1242.9	1200.4	1406.2	1612.0
55°	828.0	850.9	872.1	944.0	1015.9	1109.0	1202.1	1148.2	1092.6	1308.2	1523.8
57.5°	783.9	808.4	831.3	908.1	984.8	1050.2	1113.9	1064.9	1014.2	1197.2	1378.4
60°	738.2	766.0	793.7	891.7	988.1	976.7	963.6	953.8	942.4	1073.0	1203.7
62.5°	697.4	726.8	756.2	883.6	1011.0	932.6	854.2	862.3	868.9	965.2	1061.6
65°	656.6	686.0	713.7	777.4	841.1	810.1	779.0	792.1	803.5	898.3	993.0
67.5°	610.8	637.0	661.5	682.7	703.9	707.2	710.5	723.5	736.6	849.3	960.3
70°	560.2	581.4	602.7	617.4	630.4	637.0	641.9	658.2	674.5	797.0	919.5
72.5°	503.0	521.0	537.3	550.4	563.5	568.4	571.6	588.0	604.3	734.9	865.6
75°	441.0	455.7	468.7	480.2	491.6	498.1	504.7	516.1	527.5	669.6	810.1
77.5°	372.4	387.1	400.1	409.9	418.1	424.6	429.5	444.2	458.9	578.2	695.8
80°	290.7	308.7	325.0	333.2	339.7	341.3	341.3	354.4	367.5	452.4	535.7
82.5°	205.8	225.4	243.3	249.9	256.4	256.4	256.4	271.1	285.8	343.0	398.5
85°	120.9	142.1	161.7	168.2	174.8	178.0	179.7	186.2	191.1	231.9	271.1
87.5°	37.6	55.5	71.9	75.1	78.4	84.9	91.5	93.1	93.1	120.9	148.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GAN-SA9C-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: P320453

CATALOG NUMBER: GAN-SA9C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1	12445.1
2.5°	12244.3	12410.8	12605.2	12797.9	12962.9	13127.8	13265.0
5°	10882.2	11217.0	11626.9	12035.2	12399.4	12763.6	13186.6
7.5°	9170.5	9603.3	10134.1	10664.9	11179.4	11692.2	12342.3
10°	7930.9	8370.3	8932.1	9492.3	10070.4	10647.0	11381.9
12.5°	7143.7	7499.8	8043.6	8587.5	9266.9	9944.7	10651.9
15°	6624.3	7013.1	7542.2	8071.4	8814.5	9557.6	10371.0
17.5°	6070.7	6578.6	7256.4	7934.2	8814.5	9693.2	10651.9
20°	5490.9	6122.9	7001.6	7880.3	9066.0	10250.1	11473.4
22.5°	4912.7	5644.4	6771.3	7896.6	9446.6	10994.8	12646.0
25°	4391.7	5236.1	6630.9	8024.0	10000.2	11974.8	14022.8
27.5°	3996.5	4917.6	6573.7	8228.2	10702.5	13176.8	15520.5
30°	3645.3	4582.8	6505.1	8427.4	11378.7	14328.2	16691.5
32.5°	3341.6	4256.2	6372.8	8487.8	11850.7	15213.5	17682.9
35°	3103.1	4001.4	6150.7	8300.0	12146.3	15992.5	18715.1
37.5°	2897.3	3745.0	5897.6	8050.1	12409.2	16768.3	19876.3
40°	2701.3	3470.6	5680.3	7888.5	12771.8	17655.1	21102.8
42.5°	2515.2	3245.2	5505.6	7766.0	13108.2	18448.9	22175.9
45°	2376.3	3072.1	5350.4	7627.1	13325.5	19023.8	22984.3
47.5°	2307.7	2969.2	5267.1	7563.4	13542.7	19520.3	23655.6
50°	2297.9	2951.2	5361.9	7772.5	14013.0	20251.9	24423.2
52.5°	2296.3	2980.6	5634.6	8288.6	14886.8	21483.4	25254.5
55°	2262.0	2998.6	5959.6	8919.0	16059.5	23198.3	26748.9
57.5°	2157.5	2936.5	6294.4	9650.7	17299.1	24945.8	28432.7
60°	1995.8	2786.3	6570.4	10353.0	18132.0	25909.4	29081.1
62.5°	1793.3	2523.3	6661.9	10798.9	18109.2	25419.5	28427.8
65°	1620.2	2247.3	6361.4	10473.8	17192.9	23910.4	27136.0
67.5°	1466.6	1971.3	5610.1	9247.3	15545.0	21841.1	25492.9
70°	1355.6	1790.0	4641.6	7493.2	13482.2	19469.6	23590.2
72.5°	1285.3	1703.4	3784.2	5863.3	10940.9	16017.0	20178.4
75°	1189.0	1567.9	2969.2	4368.9	8373.5	12378.2	15241.2
77.5°	1009.3	1321.3	2237.5	3153.7	6144.2	9133.0	10599.6
80°	779.0	1020.8	1538.5	2056.2	4228.4	6400.6	7227.0
82.5°	555.3	712.1	932.6	1153.1	2809.1	4463.6	4532.2
85°	343.0	414.8	534.1	653.3	1858.6	3063.9	2552.7
87.5°	184.6	220.5	282.5	343.0	594.5	846.0	486.7
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: P320453
 CATALOG NUMBER: GAN-SA9C-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)