

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: P320452

Luminaire Tested: **GAN-SA8C-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320452
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-SA8C-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 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: 36621 lumens
Efficiency: N/A
Efficacy: 82.3 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 445
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

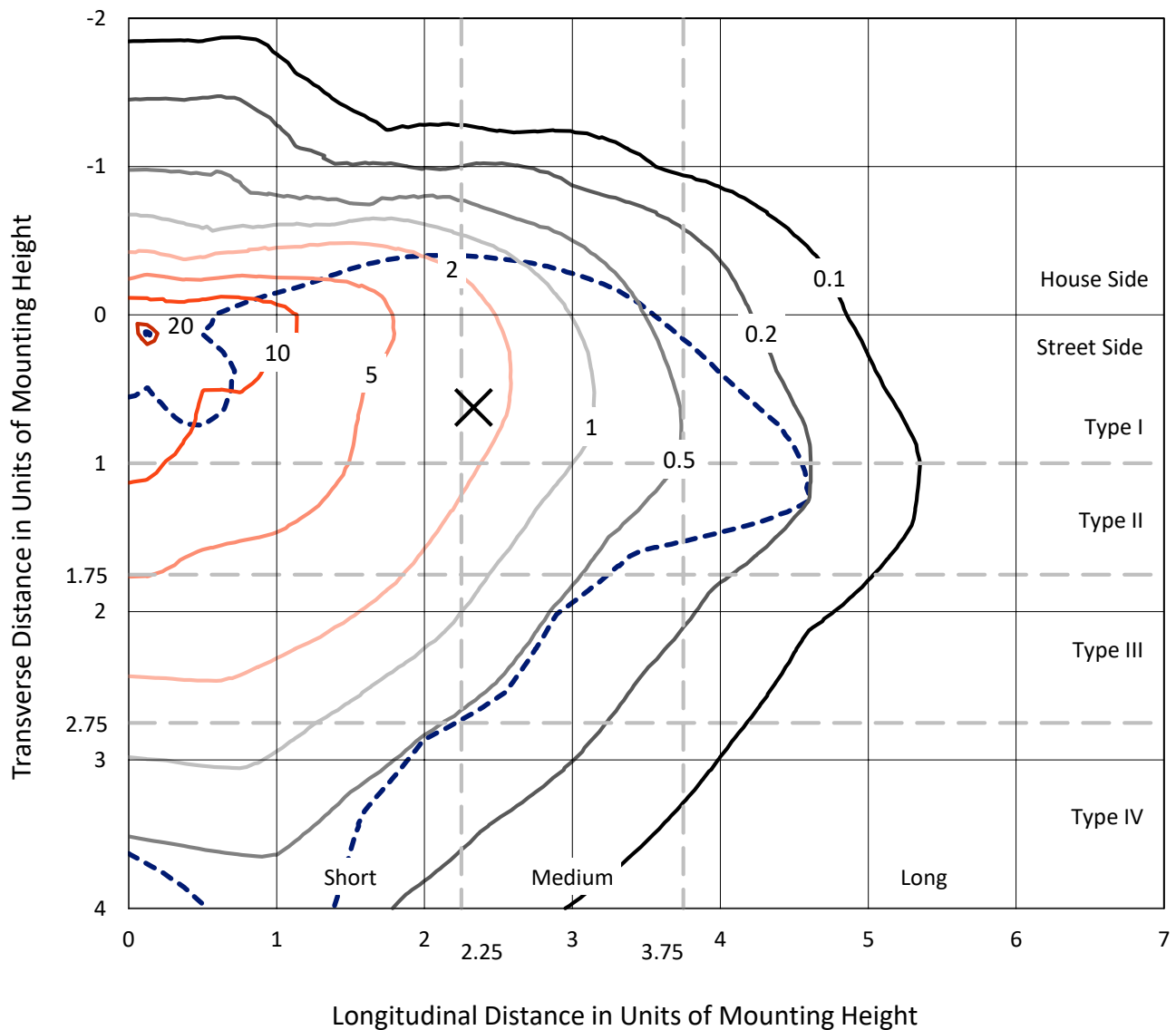


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Iso-Footcandle Lines of Horizontal Illumination

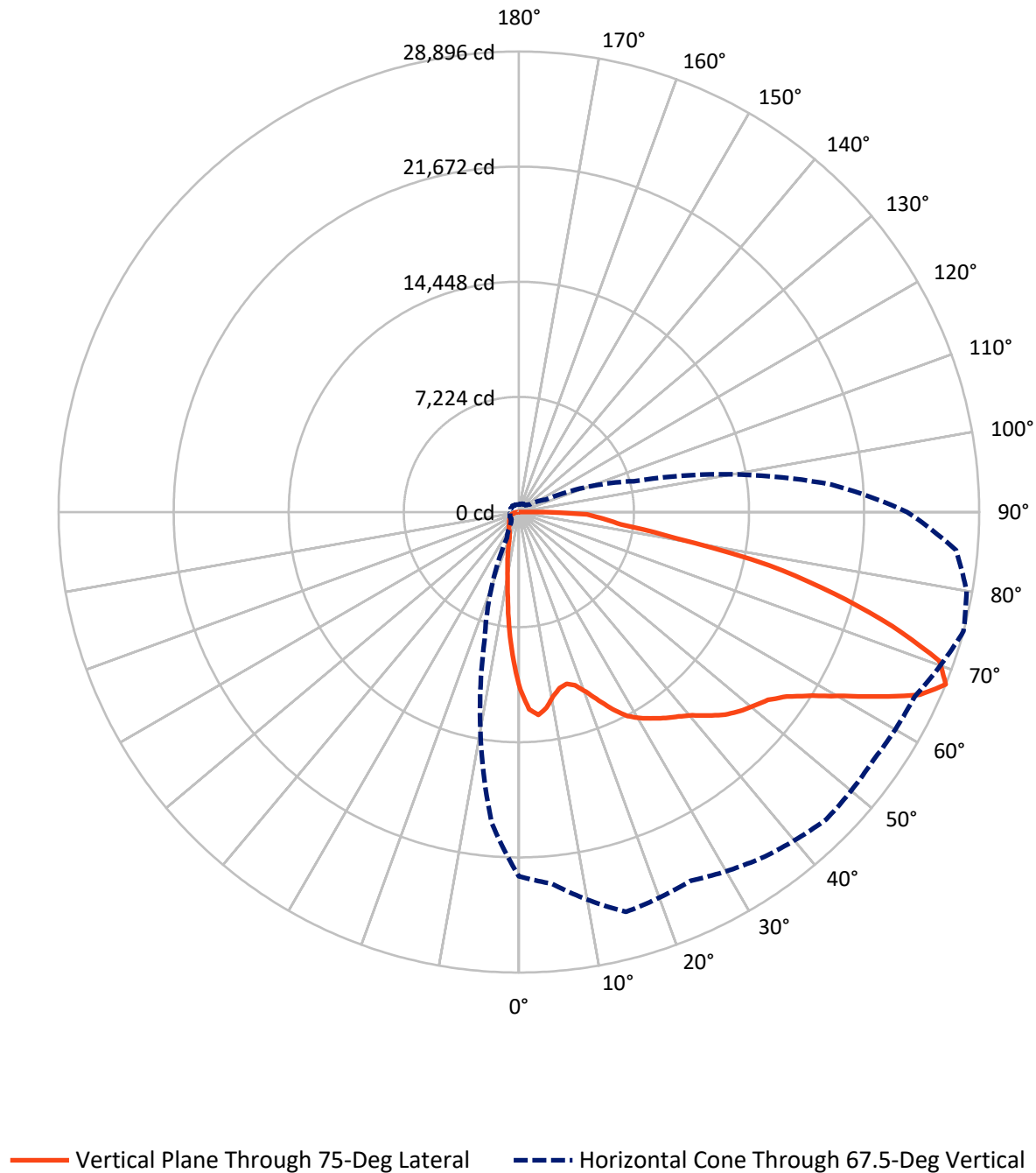
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.5 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	6449.9	0.0	6449.9
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	30171.1	0.0	30171.1
	% Fixture	82.4	0.0	82.4
Total	Lumens	36621.0	0.0	36621.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	861.0	2.4
10°-20°	1788.8	4.9
20°-30°	2544.0	6.9
30°-40°	3665.9	10.0
40°-50°	5166.3	14.1
50°-60°	7182.0	19.6
60°-70°	8685.2	23.7
70°-80°	5338.7	14.6
80°-90°	1389.2	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	36621.0	100.0
0°-180°	36621.0	100.0

Coefficient of Utilization



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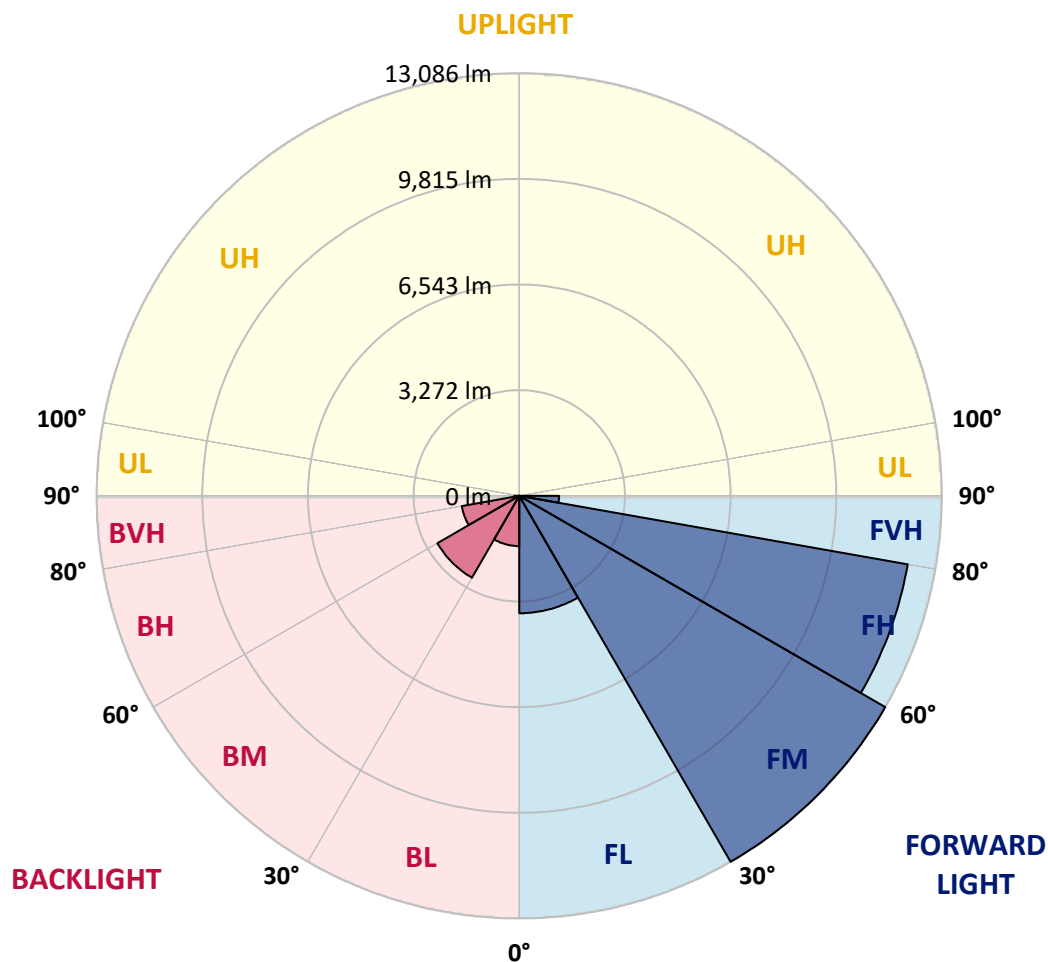
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3636.1	9.9			
FM	(30°-60°)	13086.4	35.7			
FH	(60°-80°)	12215.5	33.4			G5
FVH	(80°-90°)	1233.1	3.4			G5
BL	(0°-30°)	1557.7	4.3	B3/2500		
BM	(30°-60°)	2927.8	8.0	B3/5000		
BH	(60°-80°)	1808.3	4.9	B3/2500		G3/2500
BVH	(80°-90°)	156.1	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°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	11891.8	12048.4	12156.8	12263.7	12347.1	12429.1	12549.2	12669.2	12692.6	12714.6	12667.8
5°	11821.5	12203.6	12528.7	12852.2	13152.4	13452.5	13632.6	13812.7	13849.3	13885.9	13773.2
7.5°	11064.5	11628.2	12191.9	12755.6	13272.4	13789.3	14104.1	14417.4	14489.1	14559.4	14374.9
10°	10203.6	10859.5	11552.1	12244.6	12925.4	13606.3	14061.6	14517.0	14607.7	14698.5	14468.6
12.5°	9549.1	10265.1	11004.5	11743.9	12462.8	13180.2	13651.7	14123.1	14235.8	14348.6	14181.7
15°	9297.3	10082.1	10777.5	11473.0	12099.7	12724.9	13111.4	13496.5	13543.3	13588.7	13562.3
17.5°	9549.1	10414.4	11044.0	11672.1	12013.3	12353.0	12508.2	12661.9	12713.1	12762.9	12830.3
20°	10285.6	11219.7	11663.4	12105.5	12090.9	12074.8	12000.1	11924.0	11910.8	11897.6	12088.0
22.5°	11336.8	12421.8	12598.9	12774.6	12363.2	11951.8	11701.4	11449.6	11399.8	11348.6	11550.6
25°	12571.1	13726.3	13694.1	13660.4	12877.1	12092.3	11615.0	11137.7	11082.1	11026.5	11199.2
27.5°	13913.7	15017.7	14806.9	14596.0	13531.6	12467.2	11774.6	11082.1	11026.5	10970.8	11123.1
30°	14963.5	15965.0	15626.8	15288.6	14083.6	12878.6	12055.7	11232.9	11142.1	11049.9	11237.3
32.5°	15852.3	16704.4	16250.5	15796.6	14531.6	13266.6	12376.4	11486.2	11344.2	11202.1	11452.5
35°	16777.6	17442.3	16804.0	16164.1	14931.3	13697.0	12755.6	11812.7	11638.5	11464.2	11808.3
37.5°	17818.6	18370.6	17454.0	16536.0	15380.8	14225.6	13323.7	12420.3	12241.7	12063.1	12502.3
40°	18918.2	19377.9	18155.4	16932.8	15872.8	14812.7	14109.9	13405.7	13235.8	13064.5	13597.5
42.5°	19880.1	20215.4	18808.4	17401.3	16465.7	15528.7	15033.8	14537.5	14536.0	14533.1	15073.3
45°	20604.9	20896.2	19353.0	17808.4	17044.1	16278.3	16020.6	15762.9	15969.4	16175.8	16664.9
47.5°	21206.6	21404.3	19809.8	18213.9	17705.9	17197.8	17235.9	17273.9	17694.2	18114.4	18429.2
50°	21894.8	21735.2	20224.2	18711.7	18555.1	18398.4	18741.0	19082.2	19565.3	20047.0	20260.8
52.5°	22640.0	22216.9	20786.4	19354.5	19530.2	19705.9	20402.8	21099.7	21587.3	22074.9	22155.4
55°	23979.7	23331.1	21820.1	20307.6	20645.9	20982.6	22006.0	23028.0	23408.7	23789.4	23818.7
57.5°	25489.2	24913.8	23268.1	21622.4	21985.6	22348.7	23530.2	24710.3	25121.7	25531.7	25474.6
60°	26070.5	26098.3	24643.0	23186.1	23552.2	23918.2	25069.0	26219.8	26692.8	27164.2	27038.3
62.5°	25484.8	26171.5	25394.1	24615.1	24947.5	25278.4	26405.8	27533.2	28017.8	28502.4	28282.8
65°	24326.7	25007.5	25356.0	25704.5	25814.3	25924.1	26976.8	28028.1	28400.0	28770.4	28659.1
67.5°	22853.8	23404.3	24689.8	25973.9	25752.8	25531.7	26025.1	26518.5	26900.7	27282.8	27219.9
70°	21148.1	21804.0	23518.5	25233.0	24146.6	23058.8	22855.3	22651.7	23064.6	23476.0	23221.3
72.5°	18089.5	19079.2	20907.9	22735.2	20733.7	18732.2	18036.8	17341.3	17864.0	18386.7	17981.1
75°	13663.4	14976.7	16997.2	19016.3	16628.3	14240.2	13312.0	12383.7	12833.2	13282.7	13004.5
77.5°	9502.3	11149.4	13139.2	15129.0	12701.4	10272.4	9582.8	8891.7	9026.4	9159.7	9112.8
80°	6478.8	7562.3	8950.3	10336.8	8720.4	7104.0	7158.2	7210.9	7147.9	7083.5	7177.2
82.5°	4063.0	4825.8	5897.6	6967.9	6109.9	5251.9	5743.8	6235.8	5994.2	5751.1	5841.9
85°	2288.5	2754.1	3802.4	4849.2	4519.8	4188.9	4477.3	4764.3	4389.5	4014.7	4180.1
87.5°	436.3	726.2	2104.0	3480.3	3159.6	2839.0	2467.1	2095.2	1598.8	1102.5	1610.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	12620.9	12596.0	12571.1	12481.8	12391.0	12256.3	12145.1	11951.8	11846.4	11686.8	11527.2
5°	13659.0	13500.8	13342.7	13070.4	12796.6	12492.1	12142.1	11754.1	11461.3	11080.6	10699.9
7.5°	14190.5	13821.5	13451.1	12928.4	12404.2	11932.8	11379.3	10863.9	10424.7	9929.8	9434.9
10°	14238.8	13685.3	13130.4	12451.1	11770.2	11197.8	10560.9	9988.4	9461.3	8893.2	8323.6
12.5°	14013.3	13424.7	12834.7	12086.5	11336.8	10686.8	10001.6	9360.3	8776.1	8150.9	7524.2
15°	13536.0	13066.0	12594.5	11893.2	11191.9	10536.0	9871.2	9111.4	8451.0	7811.2	7169.9
17.5°	12896.2	12673.6	12449.6	11943.0	11434.9	10866.9	10222.6	9331.0	8557.9	7862.4	7167.0
20°	12276.8	12358.8	12439.3	12237.3	12035.2	11579.9	11017.7	10016.2	9029.4	8120.1	7209.4
22.5°	11751.2	12145.1	12537.4	12694.1	12849.3	12575.5	12136.3	10978.1	9672.1	8484.7	7297.3
25°	11370.5	12023.5	12676.5	13197.8	13717.5	13596.0	13257.8	12146.5	10524.3	9010.3	7494.9
27.5°	11275.4	12076.2	12877.1	13685.3	14492.1	14604.8	14511.1	13377.9	11540.4	9663.3	7784.8
30°	11424.7	12235.8	13045.5	14029.4	15011.8	15461.3	15587.3	14404.2	12701.4	10424.7	8146.5
32.5°	11702.9	12497.9	13292.9	14364.7	15435.0	16114.3	16515.5	15342.7	13511.1	10998.6	8484.7
35°	12152.4	12896.2	13639.9	14755.6	15871.3	16749.8	17481.9	16312.0	14230.0	11399.8	8568.2
37.5°	12940.1	13579.9	14219.7	15250.5	16279.8	17418.9	18518.5	17379.4	15007.5	11786.3	8563.8
40°	14130.4	14582.9	15033.8	15905.0	16774.7	18208.1	19692.7	18569.7	15866.9	12205.1	8543.3
42.5°	15613.6	15846.4	16077.7	16767.3	17457.0	19032.4	20758.6	19733.7	16686.8	12594.5	8502.3
45°	17152.4	17213.9	17275.4	17710.3	18143.6	19685.4	21484.8	20607.8	17402.8	12932.8	8461.3
47.5°	18742.5	18531.6	18320.8	18493.6	18666.3	20186.1	22003.1	21271.0	18121.7	13307.6	8492.0
50°	20474.6	19887.4	19300.3	19209.5	19118.8	20686.9	22613.7	22114.4	18985.5	13853.7	8721.9
52.5°	22234.5	21266.7	20298.9	19940.1	19580.0	21284.2	23423.3	23164.2	20218.3	14700.0	9180.2
55°	23847.9	22616.6	21385.3	20902.1	20418.9	22197.9	24411.6	24705.9	21798.1	15782.0	9764.4
57.5°	25416.0	24020.7	22625.4	22177.4	21729.3	23540.5	25663.5	26089.5	23394.1	16820.1	10244.6
60°	26912.4	25531.7	24149.6	23790.8	23430.7	25209.6	27016.3	26705.9	24216.9	17306.2	10393.9
62.5°	28063.2	26965.1	25867.0	25678.1	25487.8	26897.7	28055.9	26465.8	23694.2	16827.4	9960.6
65°	28547.8	27922.6	27296.0	27473.2	27648.9	28174.5	28315.0	25763.0	22051.4	15486.2	8921.0
67.5°	27155.4	27282.8	27410.2	28154.0	28896.3	28534.7	27544.9	24378.0	19713.2	13585.8	7458.3
70°	22965.1	23729.3	24492.2	26252.1	28010.5	27208.1	25481.9	21891.8	16899.1	11396.9	5893.2
72.5°	17574.1	18433.5	19291.5	21903.6	24514.1	23774.7	21660.5	17981.1	13549.2	9101.1	4651.6
75°	12724.9	13695.6	14664.8	17546.3	20427.7	19401.3	16202.2	12874.2	10291.5	6947.4	3601.8
77.5°	9064.5	9714.6	10364.7	13210.9	16055.8	14383.7	10784.9	8663.3	7123.0	4828.7	2533.0
80°	7270.9	7071.8	6872.7	8458.3	10044.0	9765.8	7133.3	5563.7	4929.8	3235.8	1541.7
82.5°	5931.2	5445.1	4959.0	5705.8	6452.5	6411.5	4950.3	4082.0	3669.1	2248.9	828.7
85°	4344.1	4149.4	3954.6	4615.0	5275.3	4711.6	3352.9	2594.5	2860.9	1655.9	451.0
87.5°	2118.6	2420.2	2720.4	3499.3	4276.8	3210.9	1017.6	503.7	696.9	458.3	218.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320452
 CATALOG NUMBER: GAN-SA8C-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: P320452

CATALOG NUMBER: GAN-SA8C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	11408.6	11288.5	11152.4	11016.2	10861.0	10704.3	10612.1	10518.4	10417.4	10316.3	10202.1
5°	10448.1	10196.3	9910.8	9625.3	9342.7	9060.1	8907.8	8755.6	8594.5	8432.0	8291.4
7.5°	9068.9	8701.4	8306.1	7909.3	7557.9	7205.0	6986.9	6767.3	6568.1	6367.6	6199.2
10°	7855.1	7386.6	6989.8	6591.6	6326.6	6061.5	5861.0	5660.4	5467.1	5272.4	5086.4
12.5°	7055.7	6587.2	6335.3	6083.5	5863.9	5644.3	5412.9	5180.1	4915.1	4648.6	4453.9
15°	6743.8	6317.8	6038.1	5757.0	5462.7	5167.0	4882.9	4598.9	4285.5	3972.2	3751.1
17.5°	6609.1	6051.3	5660.4	5268.0	4880.0	4492.0	4162.6	3833.1	3490.5	3147.9	2923.9
20°	6467.1	5724.8	5200.6	4675.0	4177.2	3679.4	3306.0	2932.7	2626.7	2320.7	2149.4
22.5°	6338.3	5377.8	4720.4	4061.5	3472.9	2884.4	2518.3	2150.8	1963.4	1776.0	1707.2
25°	6285.6	5074.7	4266.5	3458.3	2837.5	2215.2	1954.6	1694.0	1622.3	1549.1	1513.9
27.5°	6294.3	4803.8	3884.4	2963.4	2404.1	1844.8	1666.2	1487.6	1443.6	1398.3	1376.3
30°	6328.0	4509.6	3524.2	2538.8	2077.6	1616.4	1500.7	1383.6	1336.8	1289.9	1262.1
32.5°	6366.1	4246.0	3246.0	2244.5	1868.2	1490.5	1395.3	1298.7	1253.3	1207.9	1180.1
35°	6300.2	4030.8	3055.7	2080.5	1733.5	1385.1	1304.6	1222.6	1172.8	1123.0	1096.6
37.5°	6188.9	3814.1	2907.8	2000.0	1645.7	1289.9	1231.3	1171.3	1120.1	1067.4	1042.5
40°	6087.9	3631.1	2798.0	1963.4	1597.4	1229.9	1180.1	1130.3	1077.6	1023.4	994.2
42.5°	6005.9	3508.1	2689.6	1871.2	1553.5	1234.3	1164.0	1092.2	1041.0	989.8	957.5
45°	5944.4	3427.6	2604.7	1781.9	1512.5	1243.1	1153.7	1064.4	1013.2	960.5	922.4
47.5°	5938.6	3385.1	2544.7	1704.3	1434.9	1164.0	1127.4	1090.8	1016.1	940.0	896.1
50°	6019.1	3316.3	2474.4	1631.1	1360.2	1089.3	1139.1	1187.4	1060.0	931.2	875.6
52.5°	6187.5	3194.8	2363.1	1531.5	1269.4	1005.9	1083.5	1159.6	1049.8	938.5	866.8
55°	6391.0	3016.1	2194.7	1371.9	1149.4	925.3	994.2	1061.5	992.7	922.4	836.0
57.5°	6518.4	2790.7	1982.4	1174.2	1014.7	855.1	894.6	932.7	904.8	877.0	789.2
60°	6442.2	2490.5	1743.8	995.6	896.1	796.5	789.2	780.4	821.4	862.4	761.4
62.5°	6070.3	2180.1	1533.0	885.8	811.1	735.0	718.9	701.3	768.7	834.6	727.7
65°	5442.2	1963.4	1399.7	836.0	752.6	669.1	651.5	634.0	654.5	675.0	625.2
67.5°	4644.3	1830.2	1323.6	817.0	716.0	613.5	593.0	572.5	568.1	563.7	546.1
70°	3821.4	1748.2	1273.8	799.4	676.4	552.0	532.9	513.9	508.1	500.7	487.6
72.5°	3194.8	1737.9	1267.9	798.0	644.2	490.5	472.9	455.3	448.0	439.2	429.0
75°	2616.4	1631.1	1203.5	776.0	600.3	423.1	407.0	390.9	385.1	377.7	369.0
77.5°	1941.5	1349.9	1011.7	673.5	513.9	354.3	338.2	320.6	319.2	316.3	308.9
80°	1259.2	976.6	723.3	470.0	374.8	278.2	265.0	250.4	251.8	253.3	247.4
82.5°	699.9	569.6	442.2	314.8	256.2	197.7	191.8	184.5	188.9	191.8	184.5
85°	369.0	287.0	237.2	187.4	147.9	108.3	108.3	106.9	112.7	118.6	112.7
87.5°	159.6	101.0	86.4	70.3	39.5	7.3	8.8	8.8	11.7	14.6	13.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320452
 CATALOG NUMBER: GAN-SA8C-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: P320452

CATALOG NUMBER: GAN-SA8C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	10086.5	9979.6	9871.2	9752.6	9774.6	9683.8	9593.1	9536.0	9478.9	9461.3	9443.7
5°	8150.9	8029.4	7906.4	7796.6	7891.7	7827.3	7762.9	7754.1	7743.8	7743.8	7742.4
7.5°	6030.8	5900.5	5768.7	5677.9	5771.6	5759.9	5748.2	5811.2	5874.1	5925.4	5975.2
10°	4900.5	4742.4	4582.8	4448.1	4424.6	4357.3	4288.5	4303.1	4316.3	4371.9	4427.6
12.5°	4259.2	4070.3	3881.4	3723.3	3651.6	3540.3	3427.6	3357.3	3287.0	3294.3	3300.2
15°	3528.6	3345.6	3161.1	3024.9	2979.5	2893.1	2806.8	2718.9	2629.6	2593.0	2554.9
17.5°	2698.4	2552.0	2404.1	2313.3	2313.3	2288.5	2263.6	2219.6	2174.3	2137.6	2099.6
20°	1978.1	1900.5	1821.4	1783.3	1795.0	1796.5	1796.5	1818.5	1840.4	1828.7	1817.0
22.5°	1636.9	1609.1	1581.3	1565.2	1571.0	1572.5	1574.0	1594.5	1613.5	1628.1	1641.3
25°	1477.3	1459.7	1442.2	1436.3	1449.5	1451.0	1451.0	1464.1	1477.3	1492.0	1506.6
27.5°	1352.9	1345.5	1338.2	1328.0	1341.2	1341.2	1339.7	1354.3	1367.5	1380.7	1392.4
30°	1234.3	1237.2	1238.7	1235.7	1244.5	1250.4	1254.8	1265.0	1273.8	1284.1	1294.3
32.5°	1150.8	1146.4	1142.0	1139.1	1158.1	1168.4	1178.6	1188.9	1197.7	1202.1	1206.5
35°	1070.3	1060.0	1049.8	1042.5	1060.0	1073.2	1086.4	1105.4	1123.0	1125.9	1128.9
37.5°	1016.1	1002.9	989.8	981.0	988.3	994.2	1000.0	1020.5	1041.0	1052.7	1063.0
40°	964.9	951.7	938.5	931.2	935.6	937.1	938.5	948.8	957.5	979.5	1000.0
42.5°	923.9	907.8	891.7	882.9	885.8	888.7	890.2	888.7	887.3	907.8	928.3
45°	882.9	865.3	847.7	837.5	839.0	839.0	839.0	836.0	831.6	841.9	852.1
47.5°	850.7	830.2	809.7	799.4	796.5	793.6	790.6	789.2	786.2	793.6	799.4
50°	818.5	796.5	773.1	761.4	754.0	751.1	748.2	746.7	743.8	751.1	757.0
52.5°	793.6	767.2	740.9	721.8	714.5	710.1	705.7	707.2	707.2	710.1	711.6
55°	749.6	726.2	701.3	688.1	675.0	672.0	669.1	673.5	676.4	676.4	676.4
57.5°	701.3	679.4	655.9	647.2	635.4	635.4	634.0	639.8	644.2	647.2	650.1
60°	658.9	634.0	609.1	601.8	597.4	595.9	594.4	601.8	607.6	613.5	619.3
62.5°	619.3	593.0	566.6	557.8	556.4	557.8	557.8	565.2	571.0	576.9	582.7
65°	575.4	549.1	521.2	512.4	515.4	519.8	524.2	530.0	534.4	540.3	546.1
67.5°	527.1	505.1	481.7	472.9	474.4	480.2	486.1	490.5	493.4	499.3	505.1
70°	474.4	455.3	436.3	430.5	429.0	436.3	442.2	445.1	448.0	455.3	461.2
72.5°	417.3	401.2	385.1	380.7	382.1	386.5	390.9	395.3	398.2	405.6	411.4
75°	358.7	344.1	329.4	326.5	329.4	333.8	338.2	341.1	344.1	352.9	360.2
77.5°	301.6	285.5	267.9	266.5	270.9	275.3	278.2	282.6	287.0	298.7	310.4
80°	241.6	224.0	205.0	203.5	207.9	212.3	216.7	221.1	225.5	240.1	253.3
82.5°	177.2	156.7	136.2	133.2	147.9	152.3	156.7	164.0	169.8	183.0	196.2
85°	106.9	86.4	65.9	64.4	77.6	84.9	92.2	101.0	108.3	120.1	131.8
87.5°	11.7	5.9	0.0	0.0	1.5	7.3	13.2	20.5	27.8	39.5	49.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320452
 CATALOG NUMBER: GAN-SA8C-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: P320452

CATALOG NUMBER: GAN-SA8C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	9379.3	9313.4	9380.8	9446.6	9474.5	9502.3	9430.5	9357.3	9471.5	9584.3	9613.6
5°	7683.8	7623.8	7669.2	7713.1	7615.0	7516.9	7506.7	7494.9	7579.9	7664.8	7678.0
7.5°	5956.1	5937.1	5979.6	6022.0	5897.6	5771.6	5710.2	5648.7	5669.2	5689.7	5686.7
10°	4440.7	4452.5	4505.2	4556.4	4459.8	4363.1	4320.7	4278.2	4325.1	4370.5	4412.9
12.5°	3326.5	3351.4	3407.1	3461.2	3421.7	3380.7	3385.1	3389.5	3443.7	3496.4	3543.2
15°	2584.2	2613.5	2653.0	2691.1	2692.6	2692.6	2730.6	2767.2	2762.8	2758.4	2790.7
17.5°	2139.1	2177.2	2181.6	2186.0	2187.4	2188.9	2186.0	2183.0	2161.1	2139.1	2164.0
20°	1831.6	1844.8	1856.5	1866.8	1853.6	1839.0	1802.4	1765.8	1751.1	1736.5	1759.9
22.5°	1666.2	1689.6	1677.9	1664.7	1638.4	1610.6	1582.7	1553.5	1552.0	1549.1	1562.2
25°	1527.1	1546.1	1525.6	1505.1	1486.1	1467.1	1448.0	1429.0	1427.5	1426.1	1431.9
27.5°	1411.4	1429.0	1410.0	1390.9	1374.8	1358.7	1344.1	1329.4	1326.5	1323.6	1325.0
30°	1311.9	1328.0	1311.9	1294.3	1282.6	1269.4	1259.2	1248.9	1247.4	1246.0	1246.0
32.5°	1222.6	1238.7	1227.0	1215.2	1205.0	1194.7	1187.4	1180.1	1172.8	1165.5	1149.4
35°	1145.0	1161.1	1153.7	1145.0	1133.2	1121.5	1108.4	1093.7	1074.7	1054.2	1045.4
37.5°	1079.1	1095.2	1087.9	1080.5	1064.4	1048.3	1024.9	1000.0	994.2	986.8	985.4
40°	1026.4	1051.3	1036.6	1020.5	995.6	970.7	959.0	947.3	944.4	941.4	938.5
42.5°	967.8	1005.9	979.5	953.2	929.7	906.3	903.4	900.4	899.0	897.5	897.5
45°	894.6	935.6	909.2	881.4	868.2	855.1	855.1	855.1	856.5	856.5	859.5
47.5°	825.8	850.7	837.5	824.3	817.0	809.7	811.1	812.6	817.0	819.9	827.2
50°	767.2	776.0	778.9	780.4	776.0	771.6	774.5	776.0	780.4	783.3	789.2
52.5°	724.8	737.9	737.9	736.5	736.5	736.5	739.4	742.3	746.7	751.1	757.0
55°	696.9	716.0	710.1	704.3	705.7	705.7	708.6	711.6	716.0	718.9	727.7
57.5°	670.6	691.1	685.2	679.4	679.4	679.4	680.8	682.3	686.7	689.6	695.5
60°	639.8	660.3	654.5	647.2	648.6	650.1	651.5	651.5	654.5	655.9	655.9
62.5°	603.2	623.7	617.9	610.5	614.9	617.9	617.9	617.9	620.8	622.3	617.9
65°	565.2	584.2	578.3	572.5	578.3	582.7	585.7	587.1	585.7	584.2	579.8
67.5°	524.2	543.2	537.3	530.0	537.3	543.2	549.1	553.4	549.1	544.7	538.8
70°	480.2	499.3	492.0	484.6	492.0	499.3	505.1	511.0	505.1	499.3	497.8
72.5°	433.4	455.3	446.6	437.8	446.6	455.3	458.3	461.2	456.8	452.4	449.5
75°	382.1	404.1	396.8	388.0	395.3	402.6	404.1	405.6	405.6	404.1	395.3
77.5°	328.0	345.5	341.1	336.8	341.1	345.5	345.5	345.5	347.0	347.0	335.3
80°	263.5	273.8	275.3	276.7	278.2	279.7	278.2	276.7	273.8	270.9	263.5
82.5°	196.2	196.2	207.9	218.2	218.2	216.7	215.2	212.3	206.4	199.1	183.0
85°	124.5	117.1	136.2	153.7	153.7	152.3	149.3	145.0	133.2	120.1	106.9
87.5°	42.5	35.1	54.2	73.2	74.7	74.7	71.7	68.8	57.1	43.9	33.7
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: P320452
 CATALOG NUMBER: GAN-SA8C-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: P320452

CATALOG NUMBER: GAN-SA8C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	9657.5	9676.5	9694.1	9837.6	9979.6	10146.5	10313.4	10440.8	10566.7	10697.0	10827.3
5°	7723.3	7746.8	7770.2	7944.4	8117.2	8350.0	8582.8	8783.4	8984.0	9219.7	9455.4
7.5°	5724.8	5776.0	5825.8	6011.8	6196.2	6446.6	6695.5	6957.6	7218.2	7525.7	7833.2
10°	4496.4	4593.0	4688.2	4878.5	5068.9	5316.3	5562.3	5836.1	6109.9	6412.9	6714.6
12.5°	3639.9	3768.7	3896.1	4124.5	4352.9	4648.6	4942.9	5247.5	5550.6	5817.0	6083.5
15°	2875.6	3016.1	3155.2	3396.8	3638.4	3963.4	4287.0	4619.4	4950.3	5269.4	5588.6
17.5°	2243.1	2358.7	2472.9	2677.9	2881.4	3196.2	3511.0	3859.5	4207.9	4597.4	4985.4
20°	1809.7	1858.0	1906.3	2054.2	2200.6	2456.8	2711.6	3067.4	3423.2	3888.8	4354.4
22.5°	1585.7	1610.6	1634.0	1705.7	1776.0	1941.5	2105.4	2420.2	2733.6	3241.6	3748.2
25°	1451.0	1470.0	1489.0	1535.9	1582.7	1661.8	1740.9	1961.9	2183.0	2682.3	3180.1
27.5°	1329.4	1358.7	1386.5	1408.5	1429.0	1483.2	1535.9	1680.8	1825.8	2291.4	2755.5
30°	1241.6	1251.8	1262.1	1295.8	1328.0	1383.6	1439.3	1540.3	1641.3	2035.2	2427.5
32.5°	1139.1	1153.7	1168.4	1203.5	1238.7	1289.9	1341.2	1423.1	1503.7	1840.4	2175.7
35°	1046.9	1061.5	1076.1	1111.3	1145.0	1200.6	1254.8	1323.6	1390.9	1683.8	1976.6
37.5°	989.8	1004.4	1019.0	1049.8	1079.1	1134.7	1188.9	1243.1	1295.8	1566.6	1837.5
40°	941.4	956.1	970.7	1000.0	1027.8	1082.0	1134.7	1180.1	1225.5	1478.8	1732.1
42.5°	899.0	915.1	931.2	960.5	988.3	1036.6	1084.9	1145.0	1203.5	1402.6	1600.3
45°	863.8	879.9	894.6	926.8	959.0	1005.9	1052.7	1136.2	1219.6	1363.1	1506.6
47.5°	831.6	849.2	865.3	900.4	935.6	994.2	1051.3	1121.5	1190.3	1332.4	1474.4
50°	800.9	821.4	841.9	884.3	925.3	1023.4	1120.1	1130.3	1139.1	1307.5	1474.4
52.5°	771.6	795.0	818.5	871.2	922.4	1036.6	1150.8	1114.2	1076.1	1260.6	1445.1
55°	742.3	762.8	781.9	846.3	910.7	994.2	1077.6	1029.3	979.5	1172.8	1366.0
57.5°	702.8	724.8	745.2	814.1	882.9	941.4	998.5	954.6	909.2	1073.2	1235.7
60°	661.8	686.7	711.6	799.4	885.8	875.6	863.8	855.1	844.8	961.9	1079.1
62.5°	625.2	651.5	677.9	792.1	906.3	836.0	765.7	773.1	778.9	865.3	951.7
65°	588.6	614.9	639.8	696.9	754.0	726.2	698.4	710.1	720.4	805.3	890.2
67.5°	547.6	571.0	593.0	612.0	631.0	634.0	636.9	648.6	660.3	761.4	860.9
70°	502.2	521.2	540.3	553.4	565.2	571.0	575.4	590.0	604.7	714.5	824.3
72.5°	451.0	467.1	481.7	493.4	505.1	509.5	512.4	527.1	541.7	658.9	776.0
75°	395.3	408.5	420.2	430.5	440.7	446.6	452.4	462.7	472.9	600.3	726.2
77.5°	333.8	347.0	358.7	367.5	374.8	380.7	385.1	398.2	411.4	518.3	623.7
80°	260.6	276.7	291.4	298.7	304.5	306.0	306.0	317.7	329.4	405.6	480.2
82.5°	184.5	202.1	218.2	224.0	229.9	229.9	229.9	243.0	256.2	307.5	357.3
85°	108.3	127.4	145.0	150.8	156.7	159.6	161.1	166.9	171.3	207.9	243.0
87.5°	33.7	49.8	64.4	67.4	70.3	76.1	82.0	83.5	83.5	108.3	133.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320452
 CATALOG NUMBER: GAN-SA8C-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: P320452

CATALOG NUMBER: GAN-SA8C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	10976.7	11126.0	11300.2	11473.0	11620.9	11768.8	11891.8
5°	9755.6	10055.7	10423.2	10789.3	11115.8	11442.3	11821.5
7.5°	8221.2	8609.2	9085.0	9560.8	10022.0	10481.8	11064.5
10°	7109.9	7503.7	8007.4	8509.6	9027.9	9544.7	10203.6
12.5°	6404.2	6723.3	7210.9	7698.5	8307.5	8915.2	9549.1
15°	5938.6	6287.0	6761.4	7235.8	7902.0	8568.2	9297.3
17.5°	5442.2	5897.6	6505.2	7112.8	7902.0	8689.7	9549.1
20°	4922.4	5489.1	6276.8	7064.5	8127.5	9189.0	10285.6
22.5°	4404.1	5060.1	6070.3	7079.1	8468.6	9856.6	11336.8
25°	3937.1	4694.0	5944.4	7193.3	8964.9	10735.1	12571.1
27.5°	3582.8	4408.5	5893.2	7376.3	9594.5	11812.7	13913.7
30°	3268.0	4108.4	5831.7	7555.0	10200.7	12844.9	14963.5
32.5°	2995.6	3815.6	5713.1	7609.1	10623.8	13638.5	15852.3
35°	2781.9	3587.1	5514.0	7440.8	10888.8	14336.9	16777.6
37.5°	2597.4	3357.3	5287.0	7216.8	11124.5	15032.3	17818.6
40°	2421.7	3111.3	5092.3	7071.8	11449.6	15827.4	18918.2
42.5°	2254.8	2909.2	4935.6	6962.0	11751.2	16538.9	19880.1
45°	2130.3	2754.1	4796.5	6837.5	11945.9	17054.3	20604.9
47.5°	2068.8	2661.8	4721.9	6780.4	12140.7	17499.4	21206.6
50°	2060.0	2645.7	4806.8	6967.9	12562.3	18155.4	21894.8
52.5°	2058.6	2672.1	5051.3	7430.5	13345.7	19259.3	22640.0
55°	2027.8	2688.2	5342.7	7995.7	14396.9	20796.7	23979.7
57.5°	1934.1	2632.5	5642.8	8651.6	15508.2	22363.3	25489.2
60°	1789.2	2497.8	5890.2	9281.2	16254.9	23227.1	26070.5
62.5°	1607.6	2262.1	5972.2	9680.9	16234.4	22787.9	25484.8
65°	1452.4	2014.7	5702.8	9389.5	15413.0	21435.0	24326.7
67.5°	1314.8	1767.2	5029.3	8290.0	13935.7	19580.0	22853.8
70°	1215.2	1604.7	4161.1	6717.5	12086.5	17454.0	21148.1
72.5°	1152.3	1527.1	3392.4	5256.3	9808.3	14358.8	18089.5
75°	1065.9	1405.6	2661.8	3916.6	7506.7	11096.7	13663.4
77.5°	904.8	1184.5	2005.9	2827.3	5508.1	8187.5	9502.3
80°	698.4	915.1	1379.2	1843.4	3790.7	5738.0	6478.8
82.5°	497.8	638.4	836.0	1033.7	2518.3	4001.5	4063.0
85°	307.5	371.9	478.8	585.7	1666.2	2746.7	2288.5
87.5°	165.4	197.7	253.3	307.5	532.9	758.4	436.3
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: P320452
 CATALOG NUMBER: GAN-SA8C-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)