

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: P320451

Luminaire Tested: **GAN-SA7C-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320451
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-SA7C-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 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: 32321 lumens
Efficiency: N/A
Efficacy: 82.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

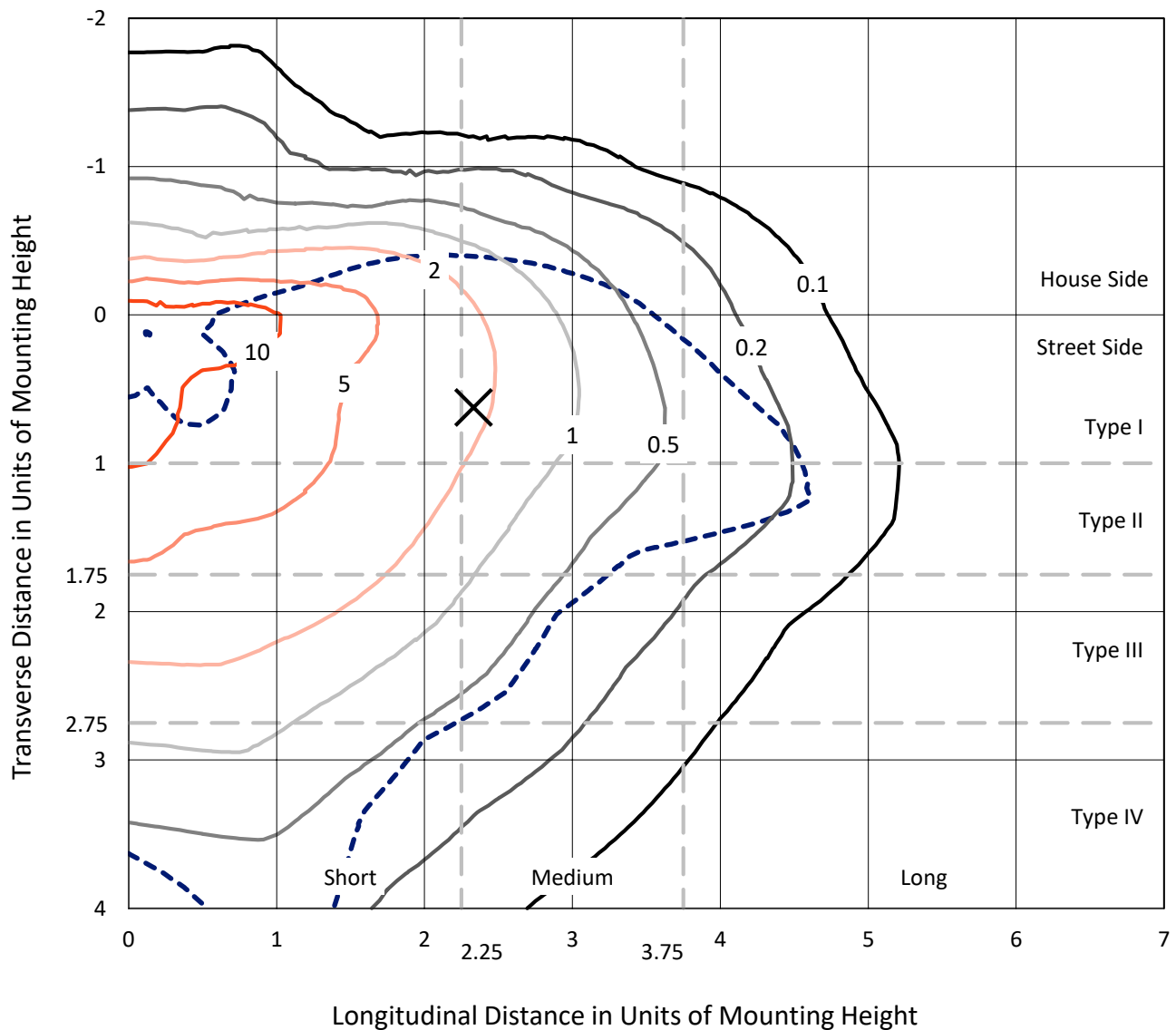
Input Watts (W): 391
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P320451
 CATALOG NUMBER: GAN-SA7C-827-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

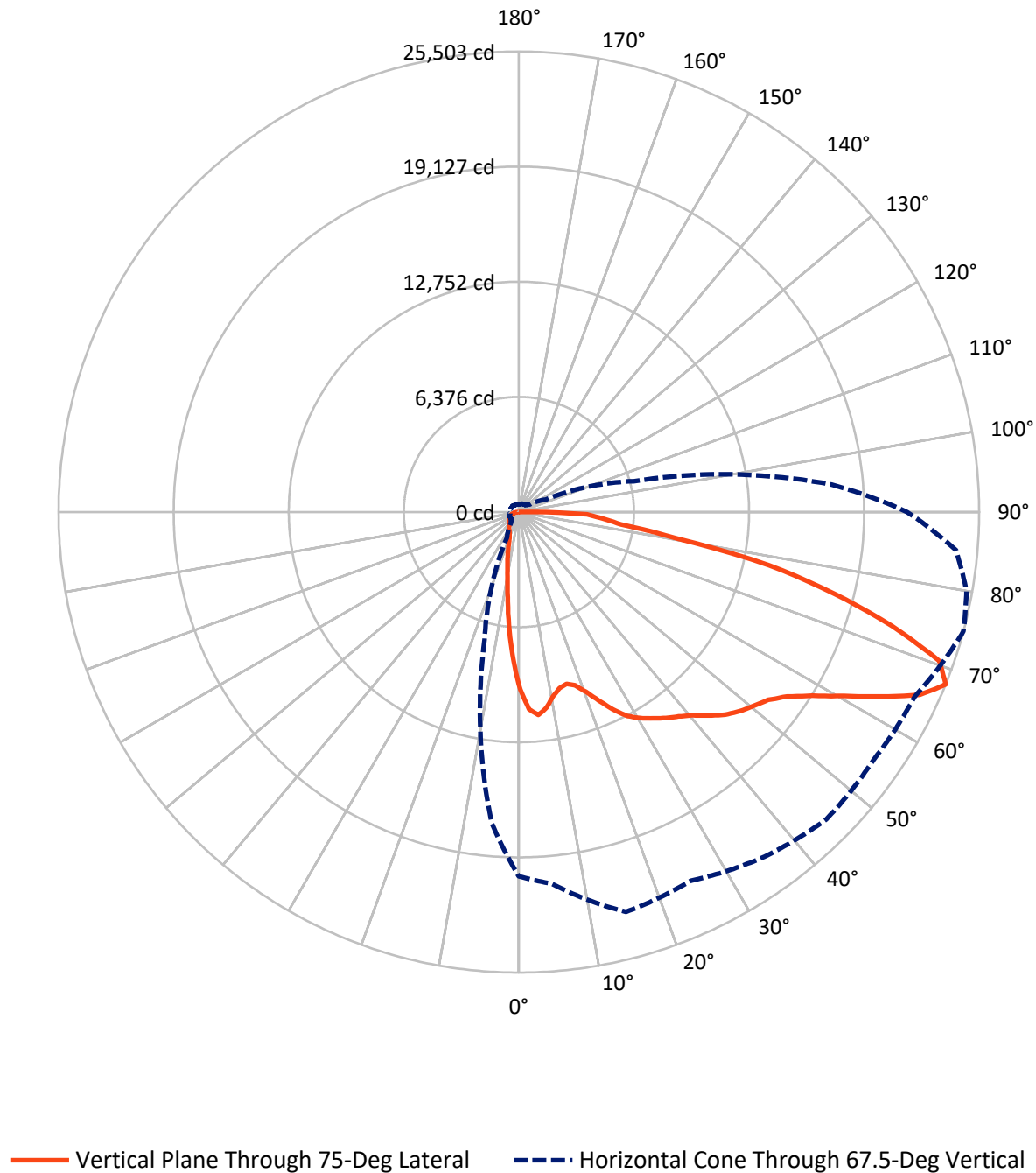
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.8 fc
 Type III - Medium - N/A

REPORT NUMBER: P320451
CATALOG NUMBER: GAN-SA7C-827-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P320451

CATALOG NUMBER: GAN-SA7C-827-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5692.5	0.0	5692.5
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	26628.5	0.0	26628.5
	% Fixture	82.4	0.0	82.4
Total	Lumens	32321.0	0.0	32321.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	759.9	2.4
10°-20°	1578.7	4.9
20°-30°	2245.3	6.9
30°-40°	3235.4	10.0
40°-50°	4559.7	14.1
50°-60°	6338.7	19.6
60°-70°	7665.4	23.7
70°-80°	4711.8	14.6
80°-90°	1226.1	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°	32321.0	100.0
0°-180°	32321.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320451

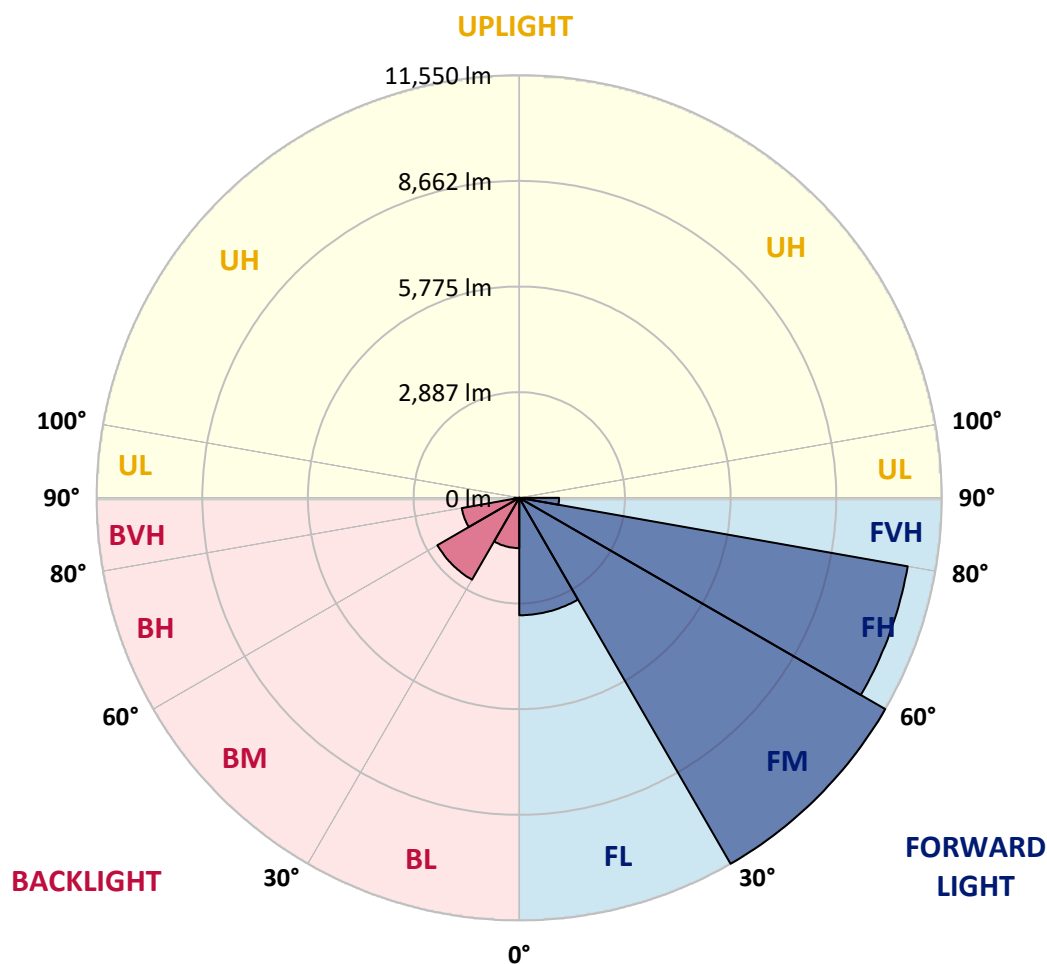
CATALOG NUMBER: GAN-SA7C-827-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3209.1	9.9			
FM	(30°-60°)	11549.8	35.7			
FH	(60°-80°)	10781.2	33.4			G4/12000
FVH	(80°-90°)	1088.3	3.4			G5
BL	(0°-30°)	1374.8	4.3	B3/2500		
BM	(30°-60°)	2584.0	8.0	B3/5000		
BH	(60°-80°)	1596.0	4.9	B3/2500		G3/2500
BVH	(80°-90°)	137.8	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type III Medium





REPORT NUMBER: P320451

CATALOG NUMBER: GAN-SA7C-827-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7
2.5°	10495.4	10633.7	10729.3	10823.7	10897.3	10969.7	11075.6	11181.6	11202.3	11221.7	11180.3
5°	10433.4	10770.7	11057.6	11343.1	11608.0	11873.0	12031.9	12190.8	12223.1	12255.4	12155.9
7.5°	9765.3	10262.8	10760.3	11257.9	11714.0	12170.2	12448.0	12724.5	12787.8	12849.9	12687.1
10°	9005.5	9584.4	10195.6	10806.9	11407.8	12008.6	12410.5	12812.4	12892.5	12972.6	12769.8
12.5°	8427.9	9059.8	9712.4	10364.9	10999.4	11632.6	12048.7	12464.8	12564.3	12663.8	12516.5
15°	8205.6	8898.3	9512.1	10125.9	10678.9	11230.7	11571.9	11911.7	11953.1	11993.1	11969.9
17.5°	8427.9	9191.6	9747.2	10301.6	10602.7	10902.5	11039.5	11175.1	11220.4	11264.3	11323.8
20°	9077.9	9902.3	10293.9	10684.1	10671.2	10657.0	10591.1	10523.9	10512.2	10500.6	10668.6
22.5°	10005.7	10963.2	11119.6	11274.7	10911.5	10548.4	10327.5	10105.2	10061.3	10016.0	10194.4
25°	11095.0	12114.6	12086.2	12056.4	11365.1	10672.5	10251.2	9829.9	9780.8	9731.7	9884.2
27.5°	12280.0	13254.3	13068.3	12882.2	11942.7	11003.3	10392.1	9780.8	9731.7	9682.6	9817.0
30°	13206.5	14090.4	13791.9	13493.4	12429.9	11366.4	10640.2	9913.9	9833.8	9752.4	9917.8
32.5°	13990.9	14743.0	14342.4	13941.8	12825.3	11708.8	10923.2	10137.5	10012.1	9886.8	10107.8
35°	14807.6	15394.3	14830.9	14266.1	13178.1	12088.8	11257.9	10425.7	10271.9	10118.1	10421.8
37.5°	15726.4	16213.5	15404.6	14594.4	13574.8	12555.2	11759.2	10961.9	10804.3	10646.6	11034.3
40°	16696.8	17102.6	16023.6	14944.6	14009.0	13073.4	12453.2	11831.6	11681.7	11530.5	12000.9
42.5°	17545.8	17841.7	16599.9	15358.1	14532.3	13705.3	13268.6	12830.5	12829.2	12826.6	13303.4
45°	18185.5	18442.6	17080.6	15717.3	15042.8	14366.9	14139.5	13912.1	14094.3	14276.5	14708.1
47.5°	18716.6	18891.0	17483.8	16075.3	15626.9	15178.5	15212.1	15245.7	15616.5	15987.4	16265.2
50°	19323.9	19183.1	17849.5	16514.6	16376.4	16238.1	16540.5	16841.6	17268.0	17693.1	17881.8
52.5°	19981.7	19608.2	18345.7	17081.9	17237.0	17392.0	18007.1	18622.2	19052.5	19482.9	19553.9
55°	21164.0	20591.6	19258.0	17923.1	18221.6	18518.9	19422.1	20324.1	20660.1	20996.0	21021.9
57.5°	22496.3	21988.5	20536.0	19083.6	19404.0	19724.5	20767.3	21808.9	22172.0	22533.8	22483.4
60°	23009.3	23033.9	21749.4	20463.7	20786.7	21109.8	22125.5	23141.1	23558.5	23974.6	23863.5
62.5°	22492.4	23098.5	22412.3	21724.9	22018.2	22310.2	23305.3	24300.3	24728.0	25155.7	24961.9
65°	21470.3	22071.2	22378.7	22686.3	22783.2	22880.1	23809.2	24737.0	25065.3	25392.2	25294.0
67.5°	20170.3	20656.2	21790.8	22924.0	22728.9	22533.8	22969.3	23404.8	23742.0	24079.3	24023.7
70°	18664.9	19243.8	20757.0	22270.2	21311.4	20351.2	20171.6	19992.0	20356.4	20719.5	20494.7
72.5°	15965.4	16839.0	18453.0	20065.6	18299.2	16532.7	15918.9	15305.1	15766.4	16227.7	15869.8
75°	12059.0	13218.2	15001.4	16783.4	14675.8	12568.2	11748.9	10929.6	11326.3	11723.1	11477.5
77.5°	8386.5	9840.3	11596.4	13352.5	11210.0	9066.2	8457.6	7847.7	7966.6	8084.2	8042.8
80°	5718.1	6674.3	7899.4	9123.1	7696.5	6269.9	6317.7	6364.2	6308.6	6251.8	6334.5
82.5°	3585.9	4259.2	5205.1	6149.7	5392.4	4635.2	5069.4	5503.6	5290.4	5075.9	5156.0
85°	2019.7	2430.7	3355.9	4279.8	3989.1	3697.1	3951.6	4204.9	3874.1	3543.3	3689.3
87.5°	385.1	640.9	1856.9	3071.6	2788.6	2505.6	2177.4	1849.2	1411.1	973.0	1421.4
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



REPORT NUMBER: P320451
 CATALOG NUMBER: GAN-SA7C-827-U-SLL

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



REPORT NUMBER: P320451

CATALOG NUMBER: GAN-SA7C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7
2.5°	11139.0	11117.0	11095.0	11016.2	10936.1	10817.2	10719.0	10548.4	10455.4	10314.5	10173.7
5°	12055.2	11915.6	11776.0	11535.7	11294.0	11025.3	10716.4	10374.0	10115.5	9779.5	9443.6
7.5°	12524.2	12198.6	11871.7	11410.3	10947.7	10531.6	10043.2	9588.3	9200.6	8763.9	8327.1
10°	12566.9	12078.4	11588.7	10989.1	10388.2	9882.9	9320.8	8815.5	8350.3	7849.0	7346.3
12.5°	12367.9	11848.4	11327.6	10667.3	10005.7	9431.9	8827.2	8261.2	7745.6	7193.8	6640.7
15°	11946.6	11531.8	11115.7	10496.7	9877.8	9298.8	8712.2	8041.5	7458.7	6894.0	6328.0
17.5°	11381.9	11185.5	10987.8	10540.7	10092.3	9590.9	9022.3	8235.3	7553.0	6939.2	6325.4
20°	10835.3	10907.7	10978.7	10800.4	10622.1	10220.2	9724.0	8840.1	7969.1	7166.7	6362.9
22.5°	10371.4	10719.0	11065.3	11203.6	11340.6	11098.9	10711.2	9689.1	8536.4	7488.4	6440.4
25°	10035.4	10611.7	11188.1	11648.1	12106.8	11999.6	11701.1	10720.3	9288.5	7952.3	6614.9
27.5°	9951.4	10658.3	11365.1	12078.4	12790.4	12889.9	12807.2	11807.0	10185.3	8528.7	6870.8
30°	10083.2	10799.1	11513.7	12382.1	13249.2	13645.9	13757.0	12712.9	11210.0	9200.6	7189.9
32.5°	10328.7	11030.4	11732.1	12678.0	13622.6	14222.2	14576.3	13541.2	11924.6	9707.2	7488.4
35°	10725.5	11381.9	12038.4	13023.0	14007.7	14783.0	15429.2	14396.7	12559.1	10061.3	7562.1
37.5°	11420.7	11985.4	12550.1	13459.8	14368.2	15373.6	16344.0	15338.7	13245.3	10402.4	7558.2
40°	12471.3	12870.5	13268.6	14037.4	14805.0	16070.1	17380.4	16389.3	14003.8	10772.0	7540.1
42.5°	13780.3	13985.7	14189.9	14798.5	15407.2	16797.6	18321.1	17416.6	14727.5	11115.7	7503.9
45°	15138.4	15192.7	15246.9	15630.7	16013.2	17373.9	18962.1	18188.0	15359.4	11414.2	7467.8
47.5°	16541.8	16355.7	16169.6	16322.1	16474.6	17815.9	19419.5	18773.4	15993.9	11745.0	7494.9
50°	18070.5	17552.3	17034.1	16954.0	16873.9	18257.8	19958.4	19517.7	16756.3	12227.0	7697.8
52.5°	19623.7	18769.5	17915.4	17598.8	17280.9	18785.1	20673.0	20444.3	17844.3	12973.9	8102.2
55°	21047.7	19961.0	18874.2	18447.8	18021.4	19591.4	21545.2	21805.0	19238.6	13928.9	8617.8
57.5°	22431.7	21200.2	19968.7	19573.3	19177.9	20776.4	22650.1	23026.1	20647.1	14845.1	9041.7
60°	23752.4	22533.8	21313.9	20997.3	20679.5	22249.5	23844.1	23570.2	21373.4	15274.1	9173.5
62.5°	24768.1	23798.9	22829.7	22663.0	22495.0	23739.4	24761.6	23358.2	20912.1	14851.5	8791.0
65°	25195.8	24644.0	24090.9	24247.3	24402.4	24866.3	24990.3	22738.0	19462.2	13667.8	7873.5
67.5°	23966.9	24079.3	24191.7	24848.2	25503.3	25184.1	24310.6	21515.5	17398.5	11990.5	6582.6
70°	20268.5	20943.1	21616.3	23169.6	24721.5	24013.4	22489.9	19321.3	14914.8	10058.7	5201.2
72.5°	15510.6	16269.1	17026.3	19331.7	21635.7	20983.1	19117.2	15869.8	11958.2	8032.5	4105.4
75°	11230.7	12087.5	12942.9	15486.0	18029.1	17123.3	14299.7	11362.5	9083.0	6131.6	3178.9
77.5°	8000.2	8573.9	9147.7	11659.7	14170.5	12694.8	9518.5	7646.1	6286.7	4261.8	2235.5
80°	6417.2	6241.4	6065.7	7465.2	8864.7	8619.1	6295.7	4910.4	4350.9	2855.8	1360.7
82.5°	5234.8	4805.8	4376.8	5035.8	5694.8	5658.6	4369.0	3602.7	3238.3	1984.9	731.4
85°	3834.0	3662.2	3490.3	4073.1	4655.9	4158.4	2959.2	2289.8	2525.0	1461.5	398.0
87.5°	1869.8	2136.0	2401.0	3088.4	3774.6	2833.8	898.1	444.5	615.1	404.5	192.5
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: P320451
 CATALOG NUMBER: GAN-SA7C-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: P320451

CATALOG NUMBER: GAN-SA7C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7
2.5°	10069.0	9963.0	9842.9	9722.7	9585.7	9447.4	9366.0	9283.3	9194.2	9105.0	9004.2
5°	9221.3	8999.0	8747.1	8495.1	8245.7	7996.3	7861.9	7727.5	7585.4	7441.9	7317.9
7.5°	8004.0	7679.7	7330.8	6980.6	6670.5	6359.0	6166.5	5972.7	5796.9	5619.9	5471.3
10°	6932.8	6519.3	6169.1	5817.6	5583.7	5349.8	5172.8	4995.7	4825.2	4653.3	4489.2
12.5°	6227.2	5813.7	5591.5	5369.2	5175.4	4981.5	4777.4	4571.9	4338.0	4102.8	3930.9
15°	5952.0	5575.9	5329.1	5081.0	4821.3	4560.3	4309.6	4058.9	3782.3	3505.8	3310.7
17.5°	5833.1	5340.8	4995.7	4649.4	4307.0	3964.5	3673.8	3383.0	3080.7	2778.3	2580.6
20°	5707.8	5052.6	4590.0	4126.1	3686.7	3247.4	2917.8	2588.3	2318.2	2048.2	1897.0
22.5°	5594.0	4746.3	4166.1	3584.6	3065.2	2545.7	2222.6	1898.3	1732.9	1567.5	1506.7
25°	5547.5	4478.8	3765.5	3052.2	2504.3	1955.1	1725.1	1495.1	1431.8	1367.2	1336.2
27.5°	5555.3	4239.8	3428.3	2615.5	2121.8	1628.2	1470.6	1312.9	1274.1	1234.1	1214.7
30°	5585.0	3980.0	3110.4	2240.7	1833.7	1426.6	1324.5	1221.2	1179.8	1138.4	1113.9
32.5°	5618.6	3747.4	2864.9	1981.0	1648.9	1315.5	1231.5	1146.2	1106.1	1066.1	1041.5
35°	5560.4	3557.5	2696.9	1836.2	1530.0	1222.4	1151.4	1079.0	1035.1	991.1	967.9
37.5°	5462.2	3366.2	2566.4	1765.2	1452.5	1138.4	1086.8	1033.8	988.6	942.0	920.1
40°	5373.1	3204.7	2469.4	1732.9	1409.8	1085.5	1041.5	997.6	951.1	903.3	877.4
42.5°	5300.7	3096.2	2373.8	1651.5	1371.0	1089.3	1027.3	964.0	918.8	873.5	845.1
45°	5246.4	3025.1	2298.9	1572.6	1334.9	1097.1	1018.3	939.4	894.2	847.7	814.1
47.5°	5241.3	2987.6	2245.9	1504.1	1266.4	1027.3	995.0	962.7	896.8	829.6	790.8
50°	5312.3	2926.9	2183.9	1439.5	1200.5	961.4	1005.3	1048.0	935.6	821.9	772.7
52.5°	5460.9	2819.6	2085.6	1351.7	1120.4	887.8	956.2	1023.4	926.5	828.3	765.0
55°	5640.6	2662.0	1937.0	1210.8	1014.4	816.7	877.4	936.9	876.1	814.1	737.9
57.5°	5753.0	2463.0	1749.7	1036.4	895.5	754.7	789.5	823.1	798.6	774.0	696.5
60°	5685.8	2198.1	1539.0	878.7	790.8	703.0	696.5	688.8	724.9	761.1	672.0
62.5°	5357.6	1924.1	1353.0	781.8	715.9	648.7	634.5	619.0	678.4	736.6	642.2
65°	4803.2	1732.9	1235.4	737.9	664.2	590.5	575.0	559.5	577.6	595.7	551.8
67.5°	4098.9	1615.3	1168.2	721.1	631.9	541.4	523.4	505.3	501.4	497.5	482.0
70°	3372.7	1542.9	1124.2	705.6	597.0	487.2	470.4	453.6	448.4	441.9	430.3
72.5°	2819.6	1533.9	1119.1	704.3	568.6	432.9	417.4	401.9	395.4	387.7	378.6
75°	2309.2	1439.5	1062.2	684.9	529.8	373.5	359.2	345.0	339.9	333.4	325.6
77.5°	1713.5	1191.4	892.9	594.4	453.6	312.7	298.5	283.0	281.7	279.1	272.7
80°	1111.3	861.9	638.4	414.8	330.8	245.5	233.9	221.0	222.3	223.6	218.4
82.5°	617.7	502.7	390.3	277.8	226.1	174.5	169.3	162.8	166.7	169.3	162.8
85°	325.6	253.3	209.3	165.4	130.5	95.6	95.6	94.3	99.5	104.7	99.5
87.5°	140.9	89.2	76.2	62.0	34.9	6.5	7.8	7.8	10.3	12.9	11.6
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: P320451
 CATALOG NUMBER: GAN-SA7C-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: P320451

CATALOG NUMBER: GAN-SA7C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7
2.5°	8902.1	8807.8	8712.2	8607.5	8626.9	8546.8	8466.6	8416.3	8365.9	8350.3	8334.8
5°	7193.8	7086.6	6978.0	6881.1	6965.1	6908.2	6851.4	6843.6	6834.6	6834.6	6833.3
7.5°	5322.7	5207.7	5091.4	5011.2	5093.9	5083.6	5073.3	5128.8	5184.4	5229.6	5273.6
10°	4325.1	4185.5	4044.7	3925.8	3905.1	3845.7	3784.9	3797.8	3809.5	3858.6	3907.7
12.5°	3759.1	3592.4	3425.7	3286.1	3222.8	3124.6	3025.1	2963.1	2901.0	2907.5	2912.7
15°	3114.3	2952.7	2789.9	2669.7	2629.7	2553.4	2477.2	2399.7	2320.8	2288.5	2254.9
17.5°	2381.6	2252.3	2121.8	2041.7	2041.7	2019.7	1997.8	1959.0	1919.0	1886.6	1853.0
20°	1745.8	1677.3	1607.5	1573.9	1584.3	1585.6	1585.6	1604.9	1624.3	1614.0	1603.6
22.5°	1444.7	1420.2	1395.6	1381.4	1386.6	1387.8	1389.1	1407.2	1424.0	1437.0	1448.6
25°	1303.9	1288.3	1272.8	1267.7	1279.3	1280.6	1280.6	1292.2	1303.9	1316.8	1329.7
27.5°	1194.0	1187.6	1181.1	1172.0	1183.7	1183.7	1182.4	1195.3	1206.9	1218.6	1228.9
30°	1089.3	1091.9	1093.2	1090.6	1098.4	1103.6	1107.4	1116.5	1124.2	1133.3	1142.3
32.5°	1015.7	1011.8	1007.9	1005.3	1022.1	1031.2	1040.2	1049.3	1057.0	1060.9	1064.8
35°	944.6	935.6	926.5	920.1	935.6	947.2	958.8	975.6	991.1	993.7	996.3
37.5°	896.8	885.2	873.5	865.8	872.3	877.4	882.6	900.7	918.8	929.1	938.2
40°	851.6	839.9	828.3	821.9	825.7	827.0	828.3	837.4	845.1	864.5	882.6
42.5°	815.4	801.2	787.0	779.2	781.8	784.4	785.7	784.4	783.1	801.2	819.3
45°	779.2	763.7	748.2	739.2	740.4	740.4	740.4	737.9	734.0	743.0	752.1
47.5°	750.8	732.7	714.6	705.6	703.0	700.4	697.8	696.5	693.9	700.4	705.6
50°	722.4	703.0	682.3	672.0	665.5	662.9	660.3	659.0	656.4	662.9	668.1
52.5°	700.4	677.1	653.9	637.1	630.6	626.7	622.9	624.1	624.1	626.7	628.0
55°	661.6	640.9	619.0	607.3	595.7	593.1	590.5	594.4	597.0	597.0	597.0
57.5°	619.0	599.6	578.9	571.2	560.8	560.8	559.5	564.7	568.6	571.2	573.7
60°	581.5	559.5	537.6	531.1	527.2	525.9	524.6	531.1	536.3	541.4	546.6
62.5°	546.6	523.4	500.1	492.3	491.0	492.3	492.3	498.8	504.0	509.1	514.3
65°	507.8	484.6	460.0	452.3	454.9	458.7	462.6	467.8	471.7	476.8	482.0
67.5°	465.2	445.8	425.1	417.4	418.7	423.8	429.0	432.9	435.5	440.6	445.8
70°	418.7	401.9	385.1	379.9	378.6	385.1	390.3	392.8	395.4	401.9	407.1
72.5°	368.3	354.1	339.9	336.0	337.3	341.1	345.0	348.9	351.5	357.9	363.1
75°	316.6	303.7	290.8	288.2	290.8	294.6	298.5	301.1	303.7	311.4	317.9
77.5°	266.2	252.0	236.5	235.2	239.1	242.9	245.5	249.4	253.3	263.6	274.0
80°	213.2	197.7	180.9	179.6	183.5	187.4	191.2	195.1	199.0	211.9	223.6
82.5°	156.4	138.3	120.2	117.6	130.5	134.4	138.3	144.7	149.9	161.5	173.2
85°	94.3	76.2	58.2	56.9	68.5	74.9	81.4	89.2	95.6	106.0	116.3
87.5°	10.3	5.2	0.0	0.0	1.3	6.5	11.6	18.1	24.6	34.9	43.9
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: P320451
 CATALOG NUMBER: GAN-SA7C-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: P320451

CATALOG NUMBER: GAN-SA7C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7
2.5°	8278.0	8219.8	8279.3	8337.4	8362.0	8386.5	8323.2	8258.6	8359.4	8458.9	8484.7
5°	6781.6	6728.6	6768.7	6807.4	6720.9	6634.3	6625.2	6614.9	6689.8	6764.8	6776.4
7.5°	5256.8	5240.0	5277.4	5314.9	5205.1	5093.9	5039.7	4985.4	5003.5	5021.6	5019.0
10°	3919.3	3929.7	3976.2	4021.4	3936.1	3850.8	3813.4	3775.9	3817.2	3857.3	3894.8
12.5°	2935.9	2957.9	3007.0	3054.8	3019.9	2983.7	2987.6	2991.5	3039.3	3085.8	3127.2
15°	2280.8	2306.6	2341.5	2375.1	2376.4	2376.4	2410.0	2442.3	2438.4	2434.5	2463.0
17.5°	1887.9	1921.5	1925.4	1929.3	1930.6	1931.9	1929.3	1926.7	1907.3	1887.9	1909.9
20°	1616.6	1628.2	1638.5	1647.6	1636.0	1623.0	1590.7	1558.4	1545.5	1532.6	1553.3
22.5°	1470.6	1491.2	1480.9	1469.3	1446.0	1421.4	1396.9	1371.0	1369.8	1367.2	1378.8
25°	1347.8	1364.6	1346.5	1328.4	1311.6	1294.8	1278.0	1261.2	1259.9	1258.6	1263.8
27.5°	1245.7	1261.2	1244.4	1227.6	1213.4	1199.2	1186.3	1173.3	1170.8	1168.2	1169.5
30°	1157.8	1172.0	1157.8	1142.3	1132.0	1120.4	1111.3	1102.3	1101.0	1099.7	1099.7
32.5°	1079.0	1093.2	1082.9	1072.5	1063.5	1054.5	1048.0	1041.5	1035.1	1028.6	1014.4
35°	1010.5	1024.7	1018.3	1010.5	1000.2	989.8	978.2	965.3	948.5	930.4	922.6
37.5°	952.4	966.6	960.1	953.7	939.4	925.2	904.6	882.6	877.4	871.0	869.7
40°	905.8	927.8	914.9	900.7	878.7	856.7	846.4	836.1	833.5	830.9	828.3
42.5°	854.2	887.8	864.5	841.2	820.6	799.9	797.3	794.7	793.4	792.1	792.1
45°	789.5	825.7	802.5	777.9	766.3	754.7	754.7	754.7	756.0	756.0	758.5
47.5°	728.8	750.8	739.2	727.5	721.1	714.6	715.9	717.2	721.1	723.6	730.1
50°	677.1	684.9	687.5	688.8	684.9	681.0	683.6	684.9	688.8	691.3	696.5
52.5°	639.7	651.3	651.3	650.0	650.0	650.0	652.6	655.2	659.0	662.9	668.1
55°	615.1	631.9	626.7	621.6	622.9	622.9	625.4	628.0	631.9	634.5	642.2
57.5°	591.8	609.9	604.8	599.6	599.6	599.6	600.9	602.2	606.1	608.6	613.8
60°	564.7	582.8	577.6	571.2	572.5	573.7	575.0	575.0	577.6	578.9	578.9
62.5°	532.4	550.5	545.3	538.9	542.7	545.3	545.3	545.3	547.9	549.2	545.3
65°	498.8	515.6	510.4	505.3	510.4	514.3	516.9	518.2	516.9	515.6	511.7
67.5°	462.6	479.4	474.2	467.8	474.2	479.4	484.6	488.5	484.6	480.7	475.5
70°	423.8	440.6	434.2	427.7	434.2	440.6	445.8	451.0	445.8	440.6	439.4
72.5°	382.5	401.9	394.1	386.4	394.1	401.9	404.5	407.1	403.2	399.3	396.7
75°	337.3	356.7	350.2	342.4	348.9	355.4	356.7	357.9	357.9	356.7	348.9
77.5°	289.5	305.0	301.1	297.2	301.1	305.0	305.0	305.0	306.3	306.3	295.9
80°	232.6	241.6	242.9	244.2	245.5	246.8	245.5	244.2	241.6	239.1	232.6
82.5°	173.2	173.2	183.5	192.5	192.5	191.2	190.0	187.4	182.2	175.7	161.5
85°	109.8	103.4	120.2	135.7	135.7	134.4	131.8	127.9	117.6	106.0	94.3
87.5°	37.5	31.0	47.8	64.6	65.9	65.9	63.3	60.7	50.4	38.8	29.7
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: P320451
 CATALOG NUMBER: GAN-SA7C-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: P320451

CATALOG NUMBER: GAN-SA7C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7
2.5°	8523.5	8540.3	8555.8	8682.5	8807.8	8955.1	9102.4	9214.8	9326.0	9441.0	9556.0
5°	6816.5	6837.2	6857.8	7011.6	7164.1	7369.6	7575.0	7752.0	7929.1	8137.1	8345.2
7.5°	5052.6	5097.8	5141.8	5305.9	5468.7	5689.7	5909.3	6140.6	6370.7	6642.0	6913.4
10°	3968.4	4053.7	4137.7	4305.7	4473.7	4692.1	4909.2	5150.8	5392.4	5659.9	5926.1
12.5°	3212.5	3326.2	3438.6	3640.2	3841.8	4102.8	4362.5	4631.3	4898.8	5134.0	5369.2
15°	2537.9	2662.0	2784.7	2998.0	3211.2	3498.0	3783.6	4077.0	4369.0	4650.7	4932.4
17.5°	1979.7	2081.8	2182.6	2363.5	2543.1	2820.9	3098.8	3406.3	3713.9	4057.6	4400.0
20°	1597.2	1639.8	1682.5	1813.0	1942.2	2168.4	2393.2	2707.2	3021.2	3432.1	3843.1
22.5°	1399.5	1421.4	1442.1	1505.4	1567.5	1713.5	1858.2	2136.0	2412.6	2861.0	3308.1
25°	1280.6	1297.4	1314.2	1355.5	1396.9	1466.7	1536.5	1731.6	1926.7	2367.4	2806.7
27.5°	1173.3	1199.2	1223.7	1243.1	1261.2	1309.0	1355.5	1483.5	1611.4	2022.3	2432.0
30°	1095.8	1104.9	1113.9	1143.6	1172.0	1221.2	1270.3	1359.4	1448.6	1796.2	2142.5
32.5°	1005.3	1018.3	1031.2	1062.2	1093.2	1138.4	1183.7	1256.0	1327.1	1624.3	1920.2
35°	923.9	936.9	949.8	980.8	1010.5	1059.6	1107.4	1168.2	1227.6	1486.1	1744.5
37.5°	873.5	886.5	899.4	926.5	952.4	1001.5	1049.3	1097.1	1143.6	1382.7	1621.7
40°	830.9	843.8	856.7	882.6	907.1	955.0	1001.5	1041.5	1081.6	1305.1	1528.7
42.5°	793.4	807.6	821.9	847.7	872.3	914.9	957.5	1010.5	1062.2	1238.0	1412.4
45°	762.4	776.6	789.5	818.0	846.4	887.8	929.1	1002.8	1076.4	1203.1	1329.7
47.5°	734.0	749.5	763.7	794.7	825.7	877.4	927.8	989.8	1050.6	1175.9	1301.3
50°	706.8	724.9	743.0	780.5	816.7	903.3	988.6	997.6	1005.3	1154.0	1301.3
52.5°	681.0	701.7	722.4	768.9	814.1	914.9	1015.7	983.4	949.8	1112.6	1275.4
55°	655.2	673.2	690.0	746.9	803.8	877.4	951.1	908.4	864.5	1035.1	1205.6
57.5°	620.3	639.7	657.7	718.5	779.2	830.9	881.3	842.5	802.5	947.2	1090.6
60°	584.1	606.1	628.0	705.6	781.8	772.7	762.4	754.7	745.6	849.0	952.4
62.5°	551.8	575.0	598.3	699.1	799.9	737.9	675.8	682.3	687.5	763.7	839.9
65°	519.5	542.7	564.7	615.1	665.5	640.9	616.4	626.7	635.8	710.7	785.7
67.5°	483.3	504.0	523.4	540.1	556.9	559.5	562.1	572.5	582.8	672.0	759.8
70°	443.2	460.0	476.8	488.5	498.8	504.0	507.8	520.8	533.7	630.6	727.5
72.5°	398.0	412.2	425.1	435.5	445.8	449.7	452.3	465.2	478.1	581.5	684.9
75°	348.9	360.5	370.9	379.9	389.0	394.1	399.3	408.3	417.4	529.8	640.9
77.5°	294.6	306.3	316.6	324.3	330.8	336.0	339.9	351.5	363.1	457.4	550.5
80°	230.0	244.2	257.2	263.6	268.8	270.1	270.1	280.4	290.8	357.9	423.8
82.5°	162.8	178.3	192.5	197.7	202.9	202.9	202.9	214.5	226.1	271.4	315.3
85°	95.6	112.4	127.9	133.1	138.3	140.9	142.1	147.3	151.2	183.5	214.5
87.5°	29.7	43.9	56.9	59.4	62.0	67.2	72.4	73.7	73.7	95.6	117.6
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: P320451
 CATALOG NUMBER: GAN-SA7C-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: P320451

CATALOG NUMBER: GAN-SA7C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7	9846.7
2.5°	9687.8	9819.6	9973.4	10125.9	10256.4	10386.9	10495.4
5°	8610.1	8875.0	9199.3	9522.4	9810.6	10098.7	10433.4
7.5°	7255.8	7598.3	8018.2	8438.2	8845.3	9251.0	9765.3
10°	6275.0	6622.6	7067.2	7510.4	7967.9	8424.0	9005.5
12.5°	5652.2	5933.9	6364.2	6794.5	7332.1	7868.3	8427.9
15°	5241.3	5548.8	5967.5	6386.2	6974.1	7562.1	8205.6
17.5°	4803.2	5205.1	5741.3	6277.6	6974.1	7669.3	8427.9
20°	4344.5	4844.5	5539.8	6235.0	7173.1	8110.0	9077.9
22.5°	3887.0	4465.9	5357.6	6247.9	7474.2	8699.2	10005.7
25°	3474.8	4142.9	5246.4	6348.7	7912.3	9474.6	11095.0
27.5°	3162.1	3890.9	5201.2	6510.2	8467.9	10425.7	12280.0
30°	2884.2	3626.0	5146.9	6667.9	9002.9	11336.7	13206.5
32.5°	2643.9	3367.5	5042.3	6715.7	9376.4	12037.1	13990.9
35°	2455.2	3165.9	4866.5	6567.1	9610.3	12653.5	14807.6
37.5°	2292.4	2963.1	4666.2	6369.4	9818.3	13267.3	15726.4
40°	2137.3	2746.0	4494.4	6241.4	10105.2	13968.9	16696.8
42.5°	1990.0	2567.6	4356.1	6144.5	10371.4	14597.0	17545.8
45°	1880.2	2430.7	4233.3	6034.7	10543.3	15051.8	18185.5
47.5°	1825.9	2349.3	4167.4	5984.3	10715.1	15444.7	18716.6
50°	1818.2	2335.0	4242.4	6149.7	11087.3	16023.6	19323.9
52.5°	1816.9	2358.3	4458.2	6558.0	11778.6	16997.9	19981.7
55°	1789.7	2372.5	4715.3	7056.8	12706.4	18354.7	21164.0
57.5°	1707.0	2323.4	4980.2	7635.7	13687.2	19737.4	22496.3
60°	1579.1	2204.5	5198.6	8191.4	14346.3	20499.8	23009.3
62.5°	1418.9	1996.5	5271.0	8544.2	14328.2	20112.2	22492.4
65°	1281.9	1778.1	5033.2	8287.0	13603.2	18918.2	21470.3
67.5°	1160.4	1559.7	4438.8	7316.6	12299.4	17280.9	20170.3
70°	1072.5	1416.3	3672.5	5928.7	10667.3	15404.6	18664.9
72.5°	1017.0	1347.8	2994.1	4639.1	8656.6	12672.8	15965.4
75°	940.7	1240.5	2349.3	3456.7	6625.2	9793.8	12059.0
77.5°	798.6	1045.4	1770.3	2495.3	4861.3	7226.1	8386.5
80°	616.4	807.6	1217.3	1626.9	3345.6	5064.2	5718.1
82.5°	439.4	563.4	737.9	912.3	2222.6	3531.6	3585.9
85°	271.4	328.2	422.6	516.9	1470.6	2424.2	2019.7
87.5°	146.0	174.5	223.6	271.4	470.4	669.4	385.1
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: P320451
 CATALOG NUMBER: GAN-SA7C-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)