

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: P320422

Luminaire Tested: **GAN-SA8D-760-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320422
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-SA8D-760-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 5700K, 1200mA 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: 54648 lumens
Efficiency: N/A
Efficacy: 106.9 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B4 - U0 - G5

Input Watts (W): 511
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

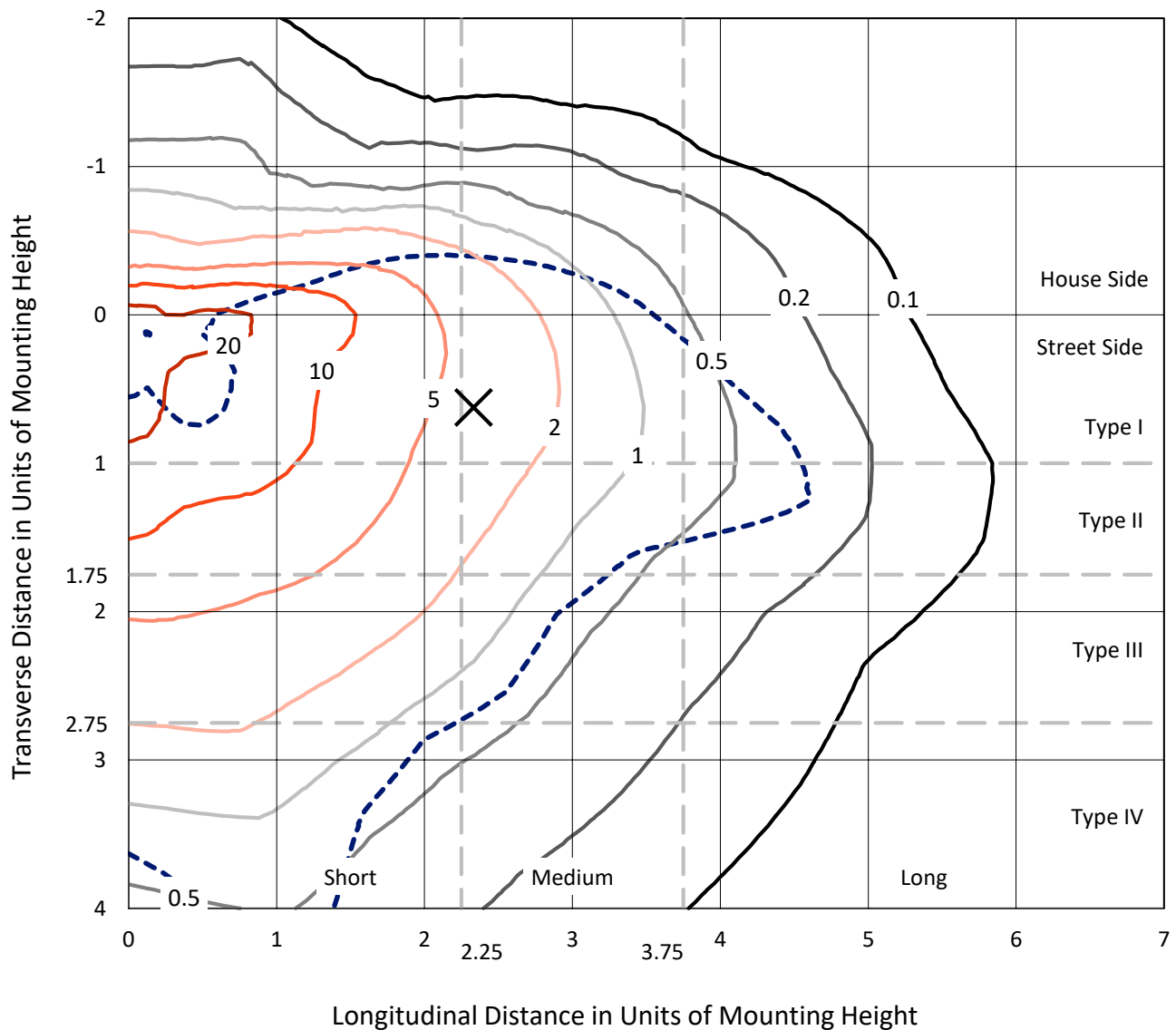


REPORT NUMBER: P320422

CATALOG NUMBER: GAN-SA8D-760-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

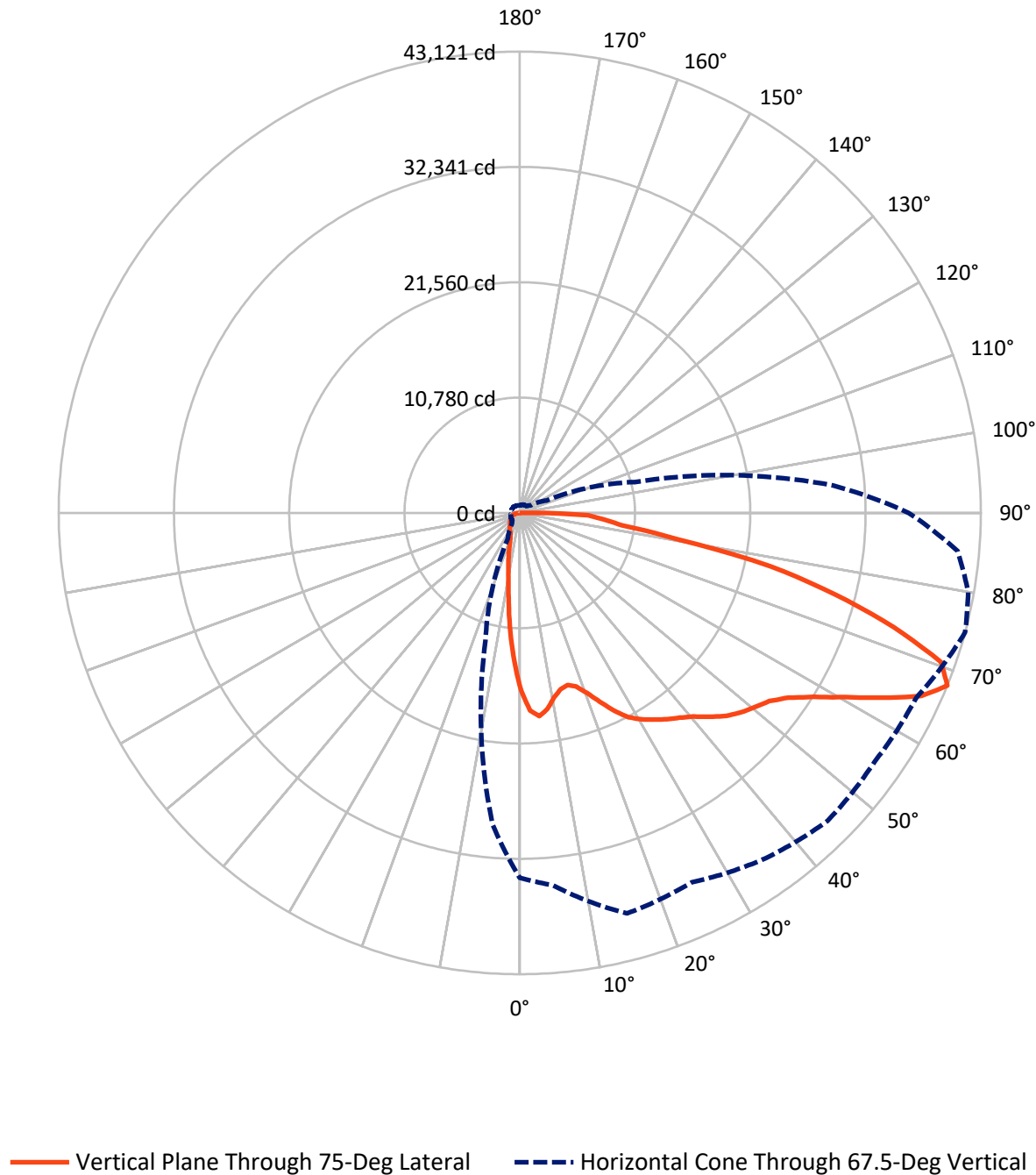
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 33.5 fc
 Type III - Medium - N/A

REPORT NUMBER: P320422
CATALOG NUMBER: GAN-SA8D-760-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P320422

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9624.9	0.0	9624.9
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	45023.1	0.0	45023.1
	% Fixture	82.4	0.0	82.4
Total	Lumens	54648.0	0.0	54648.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1284.9	2.4
10°-20°	2669.3	4.9
20°-30°	3796.3	6.9
30°-40°	5470.4	10.0
40°-50°	7709.4	14.1
50°-60°	10717.4	19.6
60°-70°	12960.5	23.7
70°-80°	7966.7	14.6
80°-90°	2073.1	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°	54648.0	100.0
0°-180°	54648.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320422

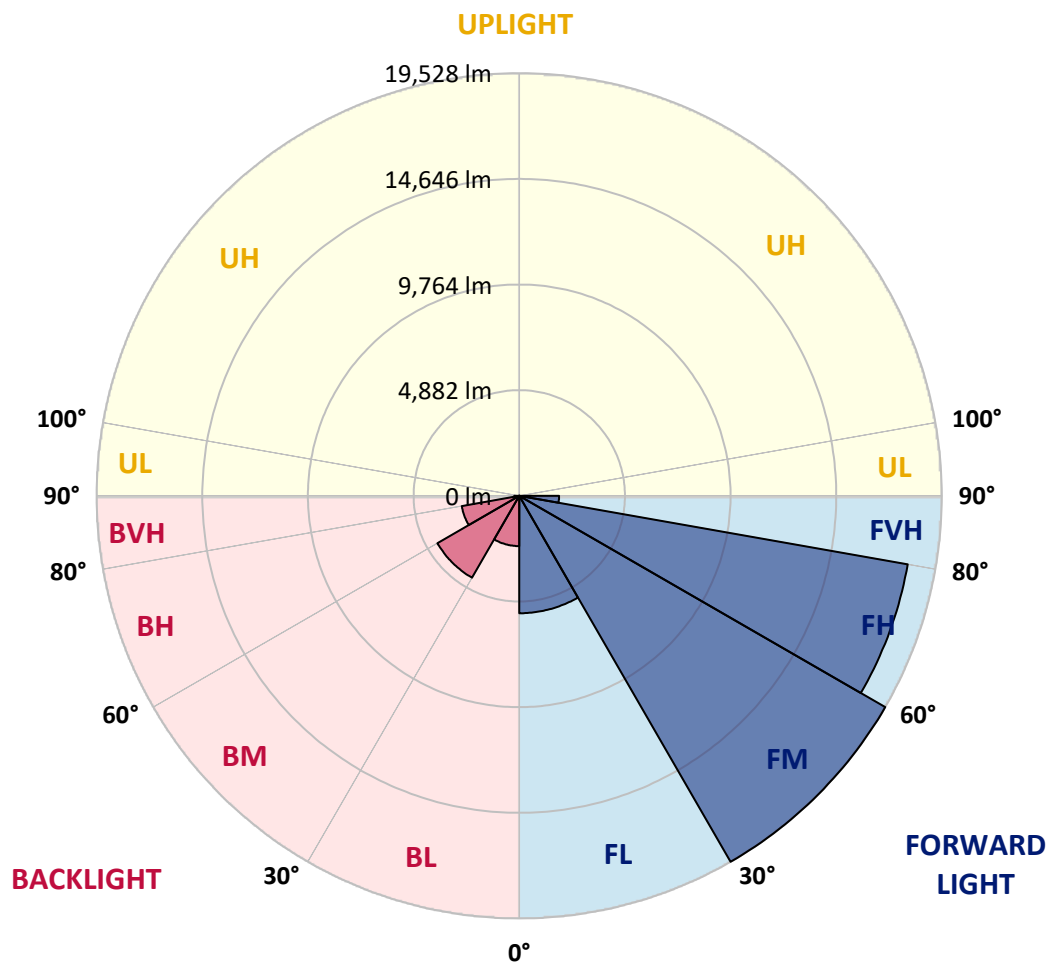
CATALOG NUMBER: GAN-SA8D-760-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5426.0	9.9			
FM	(30°-60°)	19528.3	35.7			
FH	(60°-80°)	18228.7	33.4			G5
FVH	(80°-90°)	1840.1	3.4			G5
BL	(0°-30°)	2324.5	4.3	B3/2500		
BM	(30°-60°)	4369.0	8.0	B3/5000		
BH	(60°-80°)	2698.5	4.9	B4/5000		G4/5000
BVH	(80°-90°)	232.9	0.4			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type III Medium



REPORT NUMBER: P320422

CATALOG NUMBER: GAN-SA8D-760-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8
2.5°	17745.6	17979.4	18141.0	18300.5	18425.1	18547.4	18726.6	18905.7	18940.7	18973.5	18903.6
5°	17640.7	18211.0	18696.0	19178.9	19626.8	20074.7	20343.4	20612.1	20666.8	20721.4	20553.1
7.5°	16511.1	17352.3	18193.5	19034.7	19805.9	20577.2	21046.9	21514.5	21621.6	21726.4	21451.1
10°	15226.4	16205.2	17238.7	18272.1	19288.1	20304.1	20983.6	21663.1	21798.5	21934.0	21591.0
12.5°	14249.8	15318.2	16421.5	17524.9	18597.7	19668.3	20371.8	21075.3	21243.6	21411.8	21162.7
15°	13874.0	15045.1	16082.9	17120.7	18055.8	18988.8	19565.6	20140.2	20210.1	20277.9	20238.5
17.5°	14249.8	15541.0	16480.5	17417.8	17926.9	18433.8	18665.4	18894.8	18971.3	19045.6	19146.1
20°	15348.8	16742.7	17404.7	18064.6	18042.7	18018.7	17907.3	17793.6	17774.0	17754.3	18038.4
22.5°	16917.5	18536.5	18800.9	19063.1	18449.1	17835.2	17461.5	17085.7	17011.5	16935.0	17236.5
25°	18759.4	20483.2	20435.2	20384.9	19216.0	18044.9	17332.6	16620.4	16537.3	16454.3	16712.1
27.5°	20762.9	22410.3	22095.7	21781.0	20192.6	18604.2	17570.8	16537.3	16454.3	16371.3	16598.5
30°	22329.5	23823.9	23319.2	22814.5	21016.3	19218.2	17990.3	16762.4	16626.9	16489.3	16768.9
32.5°	23655.7	24927.3	24250.0	23572.6	21684.9	19797.2	18468.8	17140.4	16928.4	16716.5	17090.1
35°	25036.5	26028.4	25075.8	24121.1	22281.4	20439.5	19034.7	17627.6	17367.6	17107.6	17621.0
37.5°	26590.0	27413.7	26045.9	24676.0	22952.1	21228.3	19882.4	18534.3	18267.8	18001.2	18656.7
40°	28230.8	28916.9	27092.5	25268.1	23686.3	22104.4	21055.7	20004.7	19751.3	19495.7	20291.0
42.5°	29666.3	30166.6	28066.9	25967.3	24571.1	23172.8	22434.3	21693.7	21691.5	21687.1	22493.3
45°	30747.8	31182.6	28879.7	26574.7	25434.2	24291.5	23906.9	23522.4	23830.5	24138.5	24868.3
47.5°	31645.8	31940.7	29561.4	27179.9	26421.7	25663.6	25720.4	25777.2	26404.2	27031.3	27501.1
50°	32672.7	32434.5	30179.7	27922.7	27689.0	27455.2	27966.4	28475.5	29196.5	29915.3	30234.3
52.5°	33784.8	33153.3	31018.7	28881.9	29144.1	29406.3	30446.3	31486.3	32213.8	32941.4	33061.6
55°	35783.9	34816.0	32561.2	30304.3	30809.0	31311.5	32838.7	34363.8	34931.8	35499.9	35543.6
57.5°	38036.5	37177.9	34722.1	32266.3	32808.1	33350.0	35113.2	36874.2	37488.1	38099.9	38014.7
60°	38903.9	38945.4	36773.7	34599.7	35145.9	35692.2	37409.5	39126.8	39832.5	40536.0	40348.1
62.5°	38030.0	39054.7	37894.5	36732.2	37228.1	37721.9	39404.3	41086.6	41809.8	42533.0	42205.3
65°	36301.7	37317.7	37837.7	38357.7	38521.6	38685.4	40256.4	41825.1	42380.1	42932.8	42766.8
67.5°	34103.8	34925.3	36843.6	38759.7	38429.8	38099.9	38836.2	39572.5	40142.8	40713.0	40619.1
70°	31558.4	32537.2	35095.7	37654.2	36033.0	34409.6	34105.9	33802.2	34418.4	35032.3	34652.2
72.5°	26994.2	28471.1	31200.1	33926.8	30940.1	27953.3	26915.5	25877.7	26657.7	27437.7	26832.5
75°	20389.3	22349.1	25364.2	28377.2	24813.7	21250.1	19864.9	18479.7	19150.5	19821.2	19406.1
77.5°	14179.9	16637.8	19607.1	22576.3	18953.8	15329.1	14300.0	13268.8	13469.8	13668.6	13598.7
80°	9668.1	11284.9	13356.2	15425.2	13013.1	10601.0	10681.9	10760.5	10666.6	10570.4	10710.3
82.5°	6063.0	7201.4	8800.7	10397.8	9117.5	7837.2	8571.3	9305.4	8944.9	8582.2	8717.7
85°	3415.0	4109.8	5674.1	7236.3	6744.7	6250.9	6681.4	7109.6	6550.3	5990.9	6237.8
87.5°	651.1	1083.7	3139.7	5193.5	4715.0	4236.5	3681.5	3126.6	2385.9	1645.2	2403.4
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: P320422

CATALOG NUMBER: GAN-SA8D-760-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: P320422

CATALOG NUMBER: GAN-SA8D-760-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8
2.5°	18833.6	18796.5	18759.4	18626.1	18490.6	18289.6	18123.6	17835.2	17677.8	17439.7	17201.5
5°	20382.7	20146.8	19910.8	19504.4	19095.8	18641.4	18119.2	17540.2	17103.2	16535.2	15967.1
7.5°	21175.8	20625.2	20072.5	19292.5	18510.3	17806.8	16980.9	16211.8	15556.3	14817.8	14079.4
10°	21247.9	20422.1	19594.0	18580.2	17564.2	16709.9	15759.5	14905.2	14118.7	13270.9	12421.0
12.5°	20911.5	20033.1	19152.6	18036.2	16917.5	15947.4	14924.9	13967.9	13096.2	12163.2	11228.1
15°	20199.2	19497.8	18794.3	17747.8	16701.2	15722.4	14730.4	13596.5	12611.1	11656.3	10699.3
17.5°	19244.4	18912.3	18578.0	17822.0	17063.9	16216.2	15254.8	13924.2	12770.6	11732.8	10695.0
20°	18320.2	18442.6	18562.7	18261.2	17959.7	17280.2	16441.2	14946.7	13474.1	12117.3	10758.3
22.5°	17535.8	18123.6	18709.1	18942.9	19174.5	18765.9	18110.5	16382.2	14433.3	12661.4	10889.4
25°	16967.8	17942.2	18916.7	19694.5	20470.1	20288.8	19784.1	18125.7	15704.9	13445.7	11184.4
27.5°	16825.7	18020.9	19216.0	20422.1	21625.9	21794.2	21654.3	19963.2	17221.2	14420.2	11617.0
30°	17048.6	18259.0	19467.3	20935.5	22401.6	23072.3	23260.2	21494.8	18953.8	15556.3	12156.7
32.5°	17463.7	18650.1	19836.5	21435.8	23033.0	24046.8	24645.4	22895.3	20162.1	16412.8	12661.4
35°	18134.5	19244.4	20354.3	22019.2	23684.1	24995.0	26087.4	24341.7	21234.8	17011.5	12785.9
37.5°	19310.0	20264.7	21219.5	22757.7	24293.7	25993.5	27634.3	25934.5	22395.0	17588.3	12779.4
40°	21086.3	21761.4	22434.3	23734.3	25032.1	27171.1	29386.6	27710.8	23677.5	18213.1	12748.8
42.5°	23299.5	23646.9	23992.1	25021.2	26050.3	28401.2	30977.2	29447.8	24901.1	18794.3	12687.6
45°	25595.8	25687.6	25779.4	26428.3	27075.0	29375.7	32060.9	30752.2	25969.5	19299.0	12626.4
47.5°	27968.6	27654.0	27339.4	27597.2	27855.0	30122.9	32834.3	31741.9	27042.2	19858.4	12672.3
50°	30553.3	29677.2	28801.1	28665.6	28530.1	30870.1	33745.4	33000.4	28331.3	20673.3	13015.3
52.5°	33179.6	31735.4	30291.1	29755.9	29218.4	31761.6	34953.7	34567.0	30171.0	21936.2	13699.2
55°	35587.3	33749.8	31912.3	31191.3	30470.3	33124.9	36428.5	36867.6	32528.5	23550.8	14571.0
57.5°	37927.3	35845.1	33762.9	33094.3	32425.8	35128.5	38296.5	38932.3	34910.0	25099.9	15287.6
60°	40160.2	38099.9	36037.4	35502.1	34964.6	37619.2	40315.4	39852.2	36137.9	25825.3	15510.4
62.5°	41877.6	40238.9	38600.2	38318.4	38034.4	40138.4	41866.6	39493.9	35357.9	25110.8	14863.7
65°	42600.7	41667.8	40732.7	40997.0	41259.2	42043.6	42253.4	38445.1	32906.4	23109.5	13312.5
67.5°	40522.9	40713.0	40903.1	42013.0	43120.7	42581.1	41104.1	36378.2	29417.2	20273.5	11129.8
70°	34269.8	35410.3	36548.6	39174.9	41798.9	40601.6	38025.6	32668.3	25217.9	17007.1	8794.1
72.5°	26225.1	27507.6	28788.0	32685.8	36581.4	35478.0	32323.1	26832.5	20218.9	13581.2	6941.4
75°	18988.8	20437.3	21883.7	26183.6	30483.4	28951.8	24177.9	19211.6	15357.5	10367.2	5374.8
77.5°	13526.6	14496.7	15466.8	19714.2	23959.4	21464.2	16093.8	12927.9	10629.4	7205.7	3779.8
80°	10850.1	10553.0	10255.8	12622.0	14988.3	14573.1	10644.7	8302.5	7356.5	4828.6	2300.7
82.5°	8850.9	8125.6	7400.2	8514.5	9628.8	9567.6	7387.1	6091.4	5475.3	3356.0	1236.6
85°	6482.5	6191.9	5901.4	6886.7	7872.1	7030.9	5003.4	3871.6	4269.3	2471.1	672.9
87.5°	3161.5	3611.6	4059.5	5221.9	6382.0	4791.4	1518.5	751.6	1040.0	683.9	325.5
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: P320422

CATALOG NUMBER: GAN-SA8D-760-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: P320422

CATALOG NUMBER: GAN-SA8D-760-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8
2.5°	17024.6	16845.4	16642.2	16439.0	16207.4	15973.6	15836.0	15696.2	15545.4	15394.6	15224.2
5°	15591.3	15215.5	14789.4	14363.4	13941.7	13520.0	13292.8	13065.6	12825.2	12582.7	12373.0
7.5°	13533.1	12984.7	12394.8	11802.7	11278.3	10751.8	10426.2	10098.5	9801.4	9502.0	9250.8
10°	11721.9	11022.7	10430.6	9836.3	9440.9	9045.4	8746.1	8446.7	8158.3	7867.7	7590.3
12.5°	10528.9	9829.8	9454.0	9078.2	8750.4	8422.7	8077.5	7730.1	7334.6	6937.0	6646.4
15°	10063.5	9427.7	9010.4	8590.9	8151.8	7710.4	7286.6	6862.7	6395.1	5927.6	5597.7
17.5°	9862.5	9030.1	8446.7	7861.2	7282.2	6703.2	6211.6	5720.0	5208.7	4697.5	4363.2
20°	9650.6	8542.9	7760.7	6976.3	6233.5	5490.6	4933.5	4376.3	3919.7	3463.0	3207.4
22.5°	9458.3	8025.1	7044.0	6060.9	5182.5	4304.2	3758.0	3209.6	2929.9	2650.3	2547.6
25°	9379.7	7572.8	6366.7	5160.7	4234.3	3305.7	2916.8	2527.9	2420.8	2311.6	2259.2
27.5°	9392.8	7168.6	5796.5	4422.2	3587.6	2752.9	2486.4	2219.8	2154.3	2086.6	2053.8
30°	9443.0	6729.4	5259.0	3788.6	3100.3	2412.1	2239.5	2064.7	1994.8	1924.9	1883.4
32.5°	9499.8	6336.1	4843.9	3349.4	2787.9	2224.2	2082.2	1938.0	1870.3	1802.5	1761.0
35°	9401.5	6015.0	4559.8	3104.7	2586.9	2066.9	1946.7	1824.4	1750.1	1675.8	1636.5
37.5°	9235.5	5691.6	4339.2	2984.5	2455.8	1924.9	1837.5	1747.9	1671.4	1592.8	1555.6
40°	9084.7	5418.5	4175.3	2929.9	2383.7	1835.3	1761.0	1686.7	1608.1	1527.2	1483.5
42.5°	8962.4	5235.0	4013.6	2792.3	2318.2	1841.9	1737.0	1629.9	1553.4	1477.0	1428.9
45°	8870.6	5114.8	3886.9	2659.0	2257.0	1855.0	1721.7	1588.4	1511.9	1433.3	1376.5
47.5°	8861.9	5051.4	3797.3	2543.2	2141.2	1737.0	1682.4	1627.7	1516.3	1402.7	1337.1
50°	8982.0	4948.7	3692.4	2434.0	2029.8	1625.5	1699.8	1771.9	1581.9	1389.6	1306.6
52.5°	9233.3	4767.4	3526.4	2285.4	1894.3	1501.0	1616.8	1730.4	1566.6	1400.5	1293.4
55°	9537.0	4500.8	3275.1	2047.2	1715.1	1380.8	1483.5	1584.0	1481.3	1376.5	1247.6
57.5°	9727.1	4164.4	2958.3	1752.3	1514.1	1276.0	1335.0	1391.8	1350.3	1308.7	1177.6
60°	9613.5	3716.5	2602.2	1485.7	1337.1	1188.6	1177.6	1164.5	1225.7	1286.9	1136.1
62.5°	9058.5	3253.3	2287.6	1321.9	1210.4	1096.8	1072.8	1046.6	1147.1	1245.4	1085.9
65°	8121.2	2929.9	2088.7	1247.6	1123.0	998.5	972.3	946.1	976.6	1007.2	932.9
67.5°	6930.4	2731.1	1975.1	1219.2	1068.4	915.5	884.9	854.3	847.7	841.2	815.0
70°	5702.5	2608.7	1900.8	1192.9	1009.4	823.7	795.3	766.9	758.2	747.2	727.6
72.5°	4767.4	2593.5	1892.1	1190.8	961.3	731.9	705.7	679.5	668.6	655.5	640.2
75°	3904.4	2434.0	1796.0	1158.0	895.8	631.4	607.4	583.4	574.6	563.7	550.6
77.5°	2897.1	2014.5	1509.8	1005.0	766.9	528.7	504.7	478.5	476.3	471.9	461.0
80°	1879.0	1457.3	1079.3	701.3	559.3	415.1	395.5	373.6	375.8	378.0	369.2
82.5°	1044.4	849.9	659.8	469.7	382.4	295.0	286.2	275.3	281.8	286.2	275.3
85°	550.6	428.2	354.0	279.7	220.7	161.7	161.7	159.5	168.2	177.0	168.2
87.5°	238.2	150.8	128.9	104.9	59.0	10.9	13.1	13.1	17.5	21.8	19.7
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: P320422

CATALOG NUMBER: GAN-SA8D-760-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: P320422

CATALOG NUMBER: GAN-SA8D-760-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8
2.5°	15051.6	14892.1	14730.4	14553.5	14586.2	14450.8	14315.3	14230.1	14144.9	14118.7	14092.5
5°	12163.2	11981.9	11798.3	11634.5	11776.5	11680.4	11584.2	11571.1	11555.8	11555.8	11553.6
7.5°	8999.5	8805.1	8608.4	8473.0	8612.8	8595.3	8577.8	8671.8	8765.7	8842.2	8916.5
10°	7312.8	7076.8	6838.7	6637.7	6602.7	6502.2	6399.5	6421.4	6441.0	6524.0	6607.1
12.5°	6355.8	6074.0	5792.1	5556.1	5449.1	5283.0	5114.8	5009.9	4905.1	4916.0	4924.7
15°	5265.6	4992.4	4717.2	4514.0	4446.2	4317.3	4188.4	4057.3	3924.0	3869.4	3812.6
17.5°	4026.7	3808.2	3587.6	3452.1	3452.1	3415.0	3377.8	3312.3	3244.5	3189.9	3133.1
20°	2951.8	2836.0	2718.0	2661.2	2678.7	2680.8	2680.8	2713.6	2746.4	2728.9	2711.4
22.5°	2442.7	2401.2	2359.7	2335.6	2344.4	2346.6	2348.7	2379.3	2407.7	2429.6	2449.2
25°	2204.5	2178.3	2152.1	2143.4	2163.0	2165.2	2165.2	2184.9	2204.5	2226.4	2248.2
27.5°	2018.8	2007.9	1997.0	1981.7	2001.3	2001.3	1999.2	2021.0	2040.7	2060.3	2077.8
30°	1841.9	1846.2	1848.4	1844.0	1857.1	1865.9	1872.4	1887.7	1900.8	1916.1	1931.4
32.5°	1717.3	1710.8	1704.2	1699.8	1728.2	1743.5	1758.8	1774.1	1787.2	1793.8	1800.3
35°	1597.1	1581.9	1566.6	1555.6	1581.9	1601.5	1621.2	1649.6	1675.8	1680.2	1684.5
37.5°	1516.3	1496.6	1477.0	1463.9	1474.8	1483.5	1492.3	1522.9	1553.4	1570.9	1586.2
40°	1439.8	1420.2	1400.5	1389.6	1396.1	1398.3	1400.5	1415.8	1428.9	1461.7	1492.3
42.5°	1378.7	1354.6	1330.6	1317.5	1321.9	1326.2	1328.4	1326.2	1324.0	1354.6	1385.2
45°	1317.5	1291.3	1265.0	1249.8	1251.9	1251.9	1251.9	1247.6	1241.0	1256.3	1271.6
47.5°	1269.4	1238.8	1208.2	1192.9	1188.6	1184.2	1179.8	1177.6	1173.3	1184.2	1192.9
50°	1221.3	1188.6	1153.6	1136.1	1125.2	1120.8	1116.5	1114.3	1109.9	1120.8	1129.6
52.5°	1184.2	1144.9	1105.5	1077.1	1066.2	1059.7	1053.1	1055.3	1055.3	1059.7	1061.9
55°	1118.7	1083.7	1046.6	1026.9	1007.2	1002.9	998.5	1005.0	1009.4	1009.4	1009.4
57.5°	1046.6	1013.8	978.8	965.7	948.2	948.2	946.1	954.8	961.3	965.7	970.1
60°	983.2	946.1	908.9	898.0	891.4	889.2	887.1	898.0	906.7	915.5	924.2
62.5°	924.2	884.9	845.5	832.4	830.3	832.4	832.4	843.4	852.1	860.8	869.6
65°	858.7	819.3	777.8	764.7	769.1	775.6	782.2	790.9	797.5	806.2	815.0
67.5°	786.6	753.8	718.8	705.7	707.9	716.6	725.4	731.9	736.3	745.0	753.8
70°	707.9	679.5	651.1	642.4	640.2	651.1	659.8	664.2	668.6	679.5	688.2
72.5°	622.7	598.7	574.6	568.1	570.3	576.8	583.4	589.9	594.3	605.2	614.0
75°	535.3	513.4	491.6	487.2	491.6	498.2	504.7	509.1	513.4	526.6	537.5
77.5°	450.1	426.1	399.8	397.6	404.2	410.8	415.1	421.7	428.2	445.7	463.2
80°	360.5	334.3	305.9	303.7	310.3	316.8	323.4	329.9	336.5	358.3	378.0
82.5°	264.4	233.8	203.2	198.8	220.7	227.2	233.8	244.7	253.4	273.1	292.8
85°	159.5	128.9	98.3	96.1	115.8	126.7	137.6	150.8	161.7	179.2	196.6
87.5°	17.5	8.7	0.0	0.0	2.2	10.9	19.7	30.6	41.5	59.0	74.3
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: P320422
 CATALOG NUMBER: GAN-SA8D-760-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: P320422

CATALOG NUMBER: GAN-SA8D-760-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8
2.5°	13996.3	13898.0	13998.5	14096.8	14138.3	14179.9	14072.8	13963.6	14134.0	14302.2	14345.9
5°	11466.2	11376.7	11444.4	11509.9	11363.5	11217.2	11201.9	11184.4	11311.1	11437.8	11457.5
7.5°	8888.1	8859.7	8923.0	8986.4	8800.7	8612.8	8521.0	8429.3	8459.8	8490.4	8486.1
10°	6626.7	6644.2	6722.9	6799.3	6655.1	6510.9	6447.6	6384.2	6454.1	6521.9	6585.2
12.5°	4964.0	5001.2	5084.2	5165.1	5106.1	5044.9	5051.4	5058.0	5138.8	5217.5	5287.4
15°	3856.3	3900.0	3959.0	4015.8	4018.0	4018.0	4074.8	4129.4	4122.9	4116.3	4164.4
17.5°	3192.1	3248.9	3255.5	3262.0	3264.2	3266.4	3262.0	3257.7	3224.9	3192.1	3229.2
20°	2733.3	2752.9	2770.4	2785.7	2766.1	2744.2	2689.6	2635.0	2613.1	2591.3	2626.2
22.5°	2486.4	2521.3	2503.9	2484.2	2444.9	2403.4	2361.9	2318.2	2316.0	2311.6	2331.3
25°	2278.8	2307.2	2276.6	2246.1	2217.7	2189.2	2160.8	2132.4	2130.3	2128.1	2136.8
27.5°	2106.2	2132.4	2104.0	2075.6	2051.6	2027.6	2005.7	1983.9	1979.5	1975.1	1977.3
30°	1957.7	1981.7	1957.7	1931.4	1914.0	1894.3	1879.0	1863.7	1861.5	1859.3	1859.3
32.5°	1824.4	1848.4	1830.9	1813.4	1798.2	1782.9	1771.9	1761.0	1750.1	1739.2	1715.1
35°	1708.6	1732.6	1721.7	1708.6	1691.1	1673.6	1654.0	1632.1	1603.7	1573.1	1560.0
37.5°	1610.3	1634.3	1623.4	1612.4	1588.4	1564.4	1529.4	1492.3	1483.5	1472.6	1470.4
40°	1531.6	1568.7	1546.9	1522.9	1485.7	1448.6	1431.1	1413.6	1409.2	1404.9	1400.5
42.5°	1444.2	1501.0	1461.7	1422.4	1387.4	1352.4	1348.1	1343.7	1341.5	1339.3	1339.3
45°	1335.0	1396.1	1356.8	1315.3	1295.6	1276.0	1276.0	1276.0	1278.2	1278.2	1282.5
47.5°	1232.3	1269.4	1249.8	1230.1	1219.2	1208.2	1210.4	1212.6	1219.2	1223.5	1234.5
50°	1144.9	1158.0	1162.4	1164.5	1158.0	1151.4	1155.8	1158.0	1164.5	1168.9	1177.6
52.5°	1081.5	1101.2	1101.2	1099.0	1099.0	1099.0	1103.4	1107.7	1114.3	1120.8	1129.6
55°	1040.0	1068.4	1059.7	1050.9	1053.1	1053.1	1057.5	1061.9	1068.4	1072.8	1085.9
57.5°	1000.7	1031.3	1022.5	1013.8	1013.8	1013.8	1016.0	1018.2	1024.7	1029.1	1037.8
60°	954.8	985.4	976.6	965.7	967.9	970.1	972.3	972.3	976.6	978.8	978.8
62.5°	900.2	930.8	922.0	911.1	917.6	922.0	922.0	922.0	926.4	928.6	922.0
65°	843.4	871.8	863.0	854.3	863.0	869.6	874.0	876.1	874.0	871.8	865.2
67.5°	782.2	810.6	801.9	790.9	801.9	810.6	819.3	825.9	819.3	812.8	804.0
70°	716.6	745.0	734.1	723.2	734.1	745.0	753.8	762.5	753.8	745.0	742.9
72.5°	646.7	679.5	666.4	653.3	666.4	679.5	683.9	688.2	681.7	675.1	670.8
75°	570.3	603.0	592.1	579.0	589.9	600.8	603.0	605.2	605.2	603.0	589.9
77.5°	489.4	515.6	509.1	502.5	509.1	515.6	515.6	515.6	517.8	517.8	500.3
80°	393.3	408.6	410.8	412.9	415.1	417.3	415.1	412.9	408.6	404.2	393.3
82.5°	292.8	292.8	310.3	325.5	325.5	323.4	321.2	316.8	308.1	297.1	273.1
85°	185.7	174.8	203.2	229.4	229.4	227.2	222.9	216.3	198.8	179.2	159.5
87.5°	63.4	52.4	80.8	109.2	111.4	111.4	107.1	102.7	85.2	65.5	50.3
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: P320422

CATALOG NUMBER: GAN-SA8D-760-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: P320422

CATALOG NUMBER: GAN-SA8D-760-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8
2.5°	14411.5	14439.9	14466.1	14680.2	14892.1	15141.2	15390.3	15580.4	15768.3	15962.7	16157.2
5°	11525.2	11560.2	11595.1	11855.1	12113.0	12460.4	12807.8	13107.1	13406.4	13758.2	14109.9
7.5°	8542.9	8619.3	8693.6	8971.1	9246.4	9620.0	9991.4	10382.5	10771.4	11230.3	11689.1
10°	6709.8	6854.0	6996.0	7280.0	7564.0	7933.3	8300.4	8708.9	9117.5	9569.8	10019.8
12.5°	5431.6	5623.9	5814.0	6154.8	6495.6	6937.0	7376.1	7830.6	8282.9	8680.5	9078.2
15°	4291.1	4500.8	4708.4	5068.9	5429.4	5914.5	6397.3	6893.3	7387.1	7863.4	8339.7
17.5°	3347.2	3519.8	3690.3	3996.1	4299.8	4769.6	5239.3	5759.3	6279.3	6860.5	7439.5
20°	2700.5	2772.6	2844.7	3065.4	3283.9	3666.2	4046.4	4577.3	5108.2	5803.0	6497.8
22.5°	2366.2	2403.4	2438.3	2545.4	2650.3	2897.1	3141.9	3611.6	4079.2	4837.3	5593.3
25°	2165.2	2193.6	2222.0	2291.9	2361.9	2479.8	2597.8	2927.7	3257.7	4002.7	4745.6
27.5°	1983.9	2027.6	2069.1	2101.9	2132.4	2213.3	2291.9	2508.2	2724.5	3419.3	4111.9
30°	1852.8	1868.1	1883.4	1933.6	1981.7	2064.7	2147.7	2298.5	2449.2	3037.0	3622.5
32.5°	1699.8	1721.7	1743.5	1796.0	1848.4	1924.9	2001.3	2123.7	2243.9	2746.4	3246.7
35°	1562.2	1584.0	1605.9	1658.3	1708.6	1791.6	1872.4	1975.1	2075.6	2512.6	2949.6
37.5°	1477.0	1498.8	1520.7	1566.6	1610.3	1693.3	1774.1	1855.0	1933.6	2337.8	2742.0
40°	1404.9	1426.7	1448.6	1492.3	1533.8	1614.6	1693.3	1761.0	1828.7	2206.7	2584.7
42.5°	1341.5	1365.5	1389.6	1433.3	1474.8	1546.9	1619.0	1708.6	1796.0	2093.1	2388.1
45°	1289.1	1313.1	1335.0	1383.0	1431.1	1501.0	1570.9	1695.5	1820.0	2034.1	2248.2
47.5°	1241.0	1267.2	1291.3	1343.7	1396.1	1483.5	1568.7	1673.6	1776.3	1988.2	2200.2
50°	1195.1	1225.7	1256.3	1319.7	1380.8	1527.2	1671.4	1686.7	1699.8	1951.1	2200.2
52.5°	1151.4	1186.4	1221.3	1300.0	1376.5	1546.9	1717.3	1662.7	1605.9	1881.2	2156.5
55°	1107.7	1138.3	1166.7	1262.9	1359.0	1483.5	1608.1	1536.0	1461.7	1750.1	2038.5
57.5°	1048.7	1081.5	1112.1	1214.8	1317.5	1404.9	1490.1	1424.5	1356.8	1601.5	1844.0
60°	987.6	1024.7	1061.9	1192.9	1321.9	1306.6	1289.1	1276.0	1260.7	1435.5	1610.3
62.5°	932.9	972.3	1011.6	1182.0	1352.4	1247.6	1142.7	1153.6	1162.4	1291.3	1420.2
65°	878.3	917.6	954.8	1040.0	1125.2	1083.7	1042.2	1059.7	1075.0	1201.7	1328.4
67.5°	817.1	852.1	884.9	913.3	941.7	946.1	950.4	967.9	985.4	1136.1	1284.7
70°	749.4	777.8	806.2	825.9	843.4	852.1	858.7	880.5	902.4	1066.2	1230.1
72.5°	672.9	697.0	718.8	736.3	753.8	760.3	764.7	786.6	808.4	983.2	1158.0
75°	589.9	609.6	627.1	642.4	657.6	666.4	675.1	690.4	705.7	895.8	1083.7
77.5°	498.2	517.8	535.3	548.4	559.3	568.1	574.6	594.3	614.0	773.4	930.8
80°	388.9	412.9	434.8	445.7	454.5	456.6	456.6	474.1	491.6	605.2	716.6
82.5°	275.3	301.5	325.5	334.3	343.0	343.0	343.0	362.7	382.4	458.8	533.1
85°	161.7	190.1	216.3	225.0	233.8	238.2	240.3	249.1	255.6	310.3	362.7
87.5°	50.3	74.3	96.1	100.5	104.9	113.6	122.4	124.5	124.5	161.7	198.8
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: P320422

CATALOG NUMBER: GAN-SA8D-760-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: P320422

CATALOG NUMBER: GAN-SA8D-760-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8	16648.8
2.5°	16380.0	16602.9	16862.9	17120.7	17341.4	17562.0	17745.6
5°	14557.8	15005.7	15554.1	16100.4	16587.6	17074.8	17640.7
7.5°	12268.1	12847.1	13557.2	14267.3	14955.5	15641.5	16511.1
10°	10609.8	11197.5	11949.1	12698.5	13472.0	14243.2	15226.4
12.5°	9556.7	10033.0	10760.5	11488.1	12397.0	13303.7	14249.8
15°	8861.9	9381.9	10089.8	10797.7	11791.8	12785.9	13874.0
17.5°	8121.2	8800.7	9707.4	10614.1	11791.8	12967.3	14249.8
20°	7345.6	8191.1	9366.6	10542.0	12128.3	13712.3	15348.8
22.5°	6572.1	7550.9	9058.5	10563.9	12637.3	14708.6	16917.5
25°	5875.1	7004.7	8870.6	10734.3	13378.0	16019.5	18759.4
27.5°	5346.4	6578.7	8794.1	11007.4	14317.5	17627.6	20762.9
30°	4876.6	6130.8	8702.4	11274.0	15222.0	19167.9	22329.5
32.5°	4470.3	5693.8	8525.4	11354.8	15853.5	20352.1	23655.7
35°	4151.3	5353.0	8228.2	11103.5	16248.9	21394.3	25036.5
37.5°	3876.0	5009.9	7889.6	10769.3	16600.7	22432.1	26590.0
40°	3613.8	4642.9	7599.0	10553.0	17085.7	23618.5	28230.8
42.5°	3364.7	4341.4	7365.2	10389.1	17535.8	24680.4	29666.3
45°	3179.0	4109.8	7157.7	10203.4	17826.4	25449.5	30747.8
47.5°	3087.2	3972.1	7046.2	10118.2	18117.0	26113.7	31645.8
50°	3074.1	3948.1	7173.0	10397.8	18746.3	27092.5	32672.7
52.5°	3071.9	3987.4	7537.8	11088.3	19915.2	28739.9	33784.8
55°	3026.1	4011.4	7972.6	11931.6	21483.9	31034.0	35783.9
57.5°	2886.2	3928.4	8420.5	12910.4	23142.2	33371.8	38036.5
60°	2669.9	3727.4	8789.8	13849.9	24256.5	34660.9	38903.9
62.5°	2399.0	3375.6	8912.1	14446.4	24225.9	34005.4	38030.0
65°	2167.4	3006.4	8510.1	14011.6	23000.2	31986.6	36301.7
67.5°	1962.0	2637.1	7505.1	12370.8	20795.7	29218.4	34103.8
70°	1813.4	2394.6	6209.4	10024.2	18036.2	26045.9	31558.4
72.5°	1719.5	2278.8	5062.4	7843.7	14636.5	21427.1	26994.2
75°	1590.6	2097.5	3972.1	5844.5	11201.9	16559.2	20389.3
77.5°	1350.3	1767.6	2993.3	4219.0	8219.5	12217.8	14179.9
80°	1042.2	1365.5	2058.2	2750.8	5656.6	8562.5	9668.1
82.5°	742.9	952.6	1247.6	1542.5	3758.0	5971.3	6063.0
85°	458.8	555.0	714.5	874.0	2486.4	4098.8	3415.0
87.5°	246.9	295.0	378.0	458.8	795.3	1131.8	651.1
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: P320422

CATALOG NUMBER: GAN-SA8D-760-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)