

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: P320342

Luminaire Tested: **GAN-SA8D-740-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320342
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-740-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 4000K, 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: 54649 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

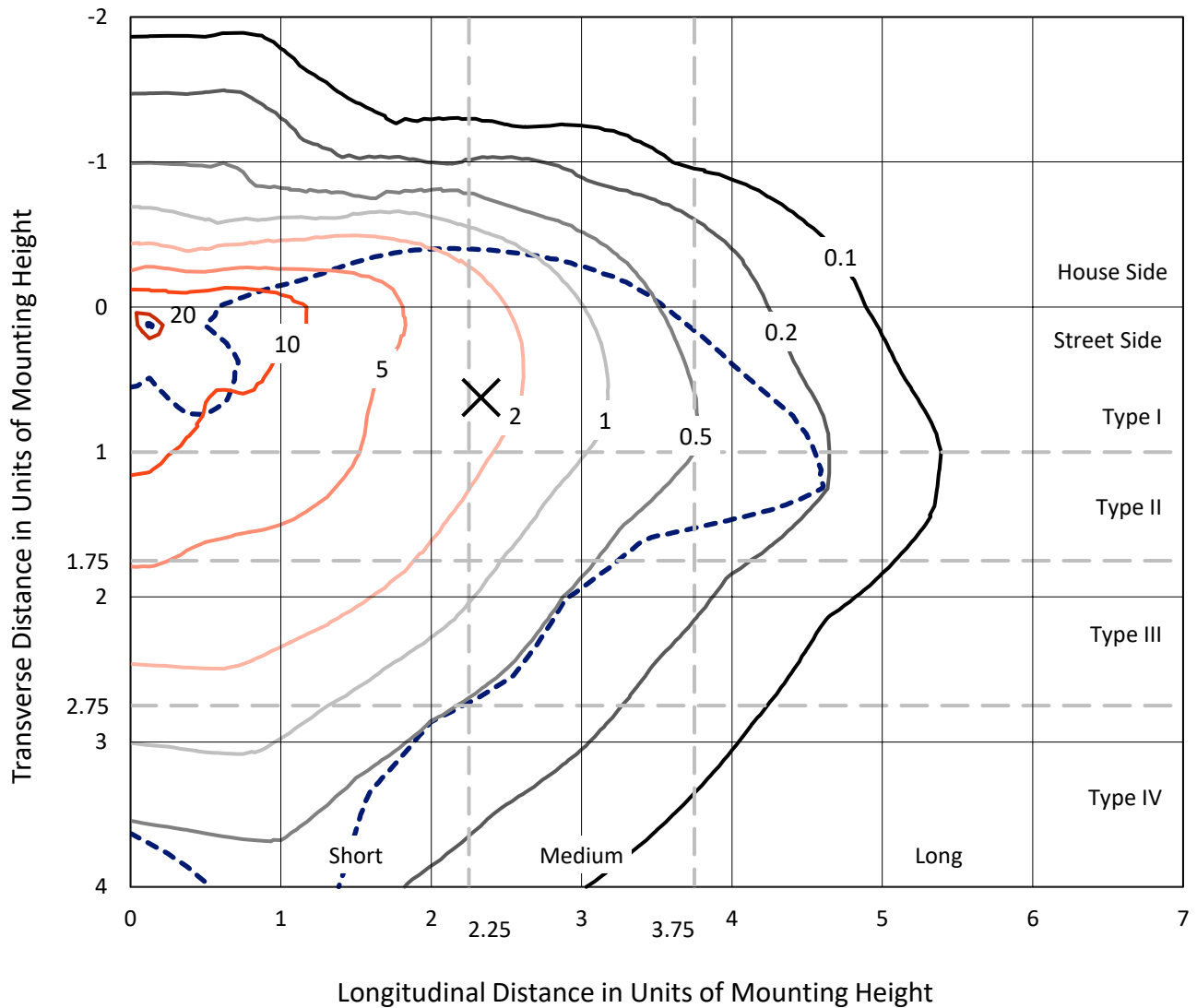
Input Watts (W): 511
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

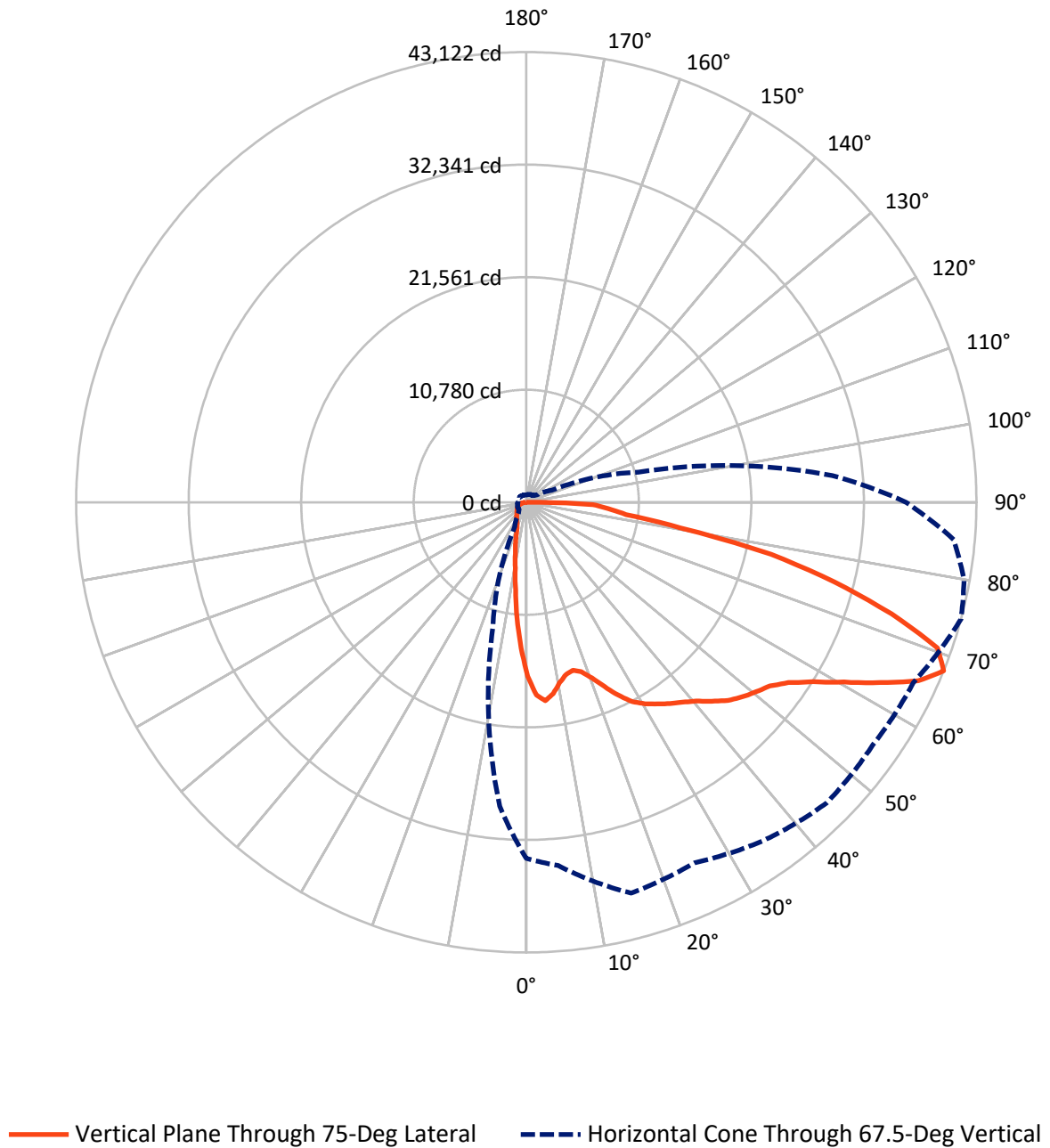
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 23.3 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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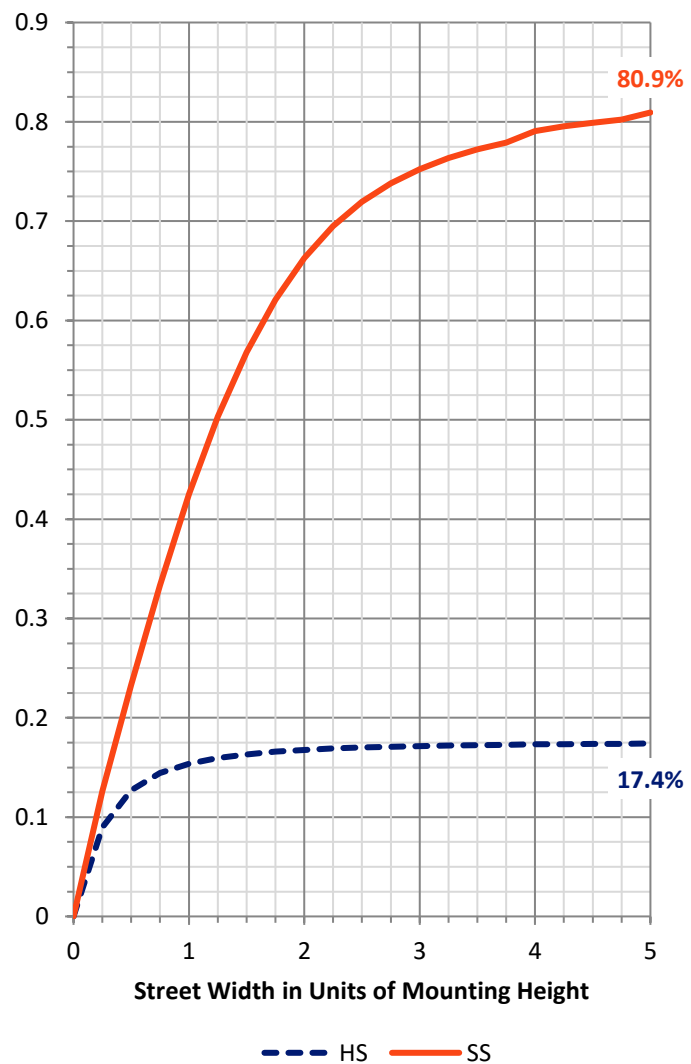
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9625.0	0.0	9625.0
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	45024.0	0.0	45024.0
	% Fixture	82.4	0.0	82.4
Total	Lumens	54649.0	0.0	54649.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1284.9	2.4
10°-20°	2669.3	4.9
20°-30°	3796.4	6.9
30°-40°	5470.5	10.0
40°-50°	7709.6	14.1
50°-60°	10717.6	19.6
60°-70°	12960.8	23.7
70°-80°	7966.8	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°	54649.0	100.0
0°-180°	54649.0	100.0



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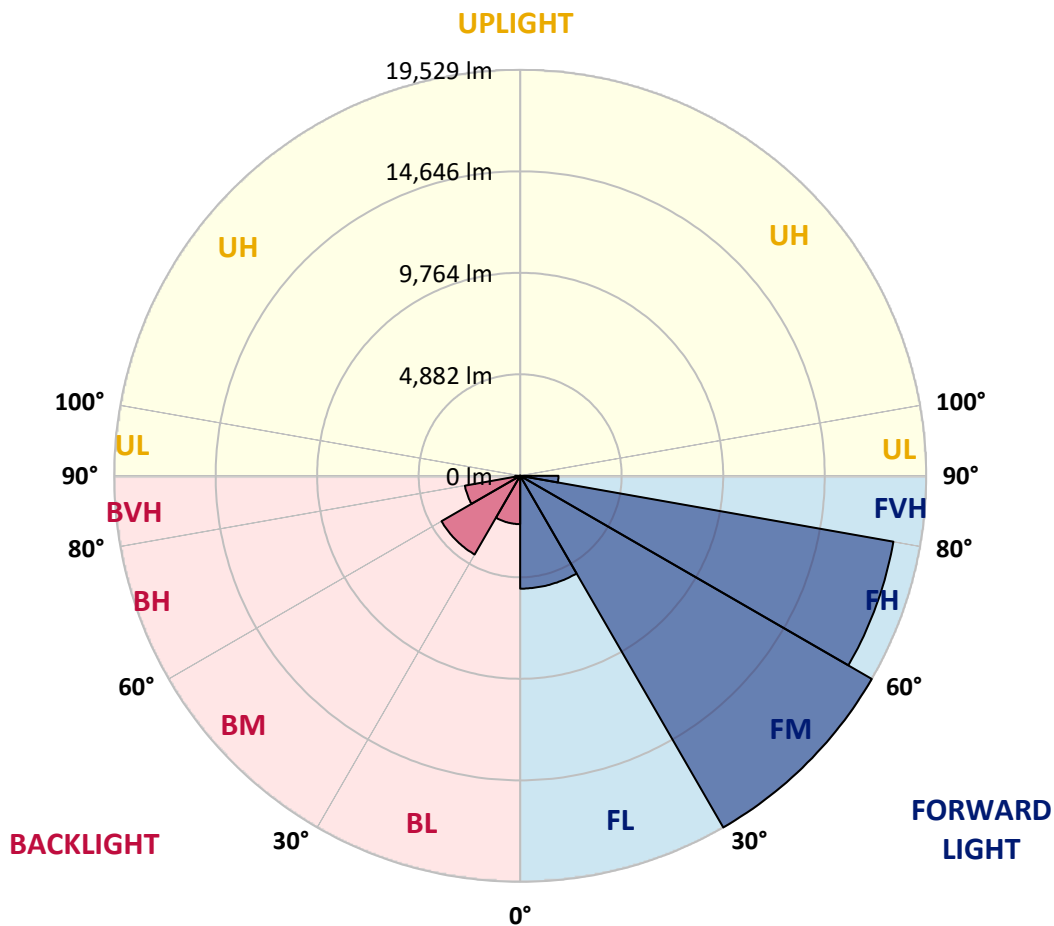
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5426.1	9.9			
FM	(30°-60°)	19528.7	35.7			
FH	(60°-80°)	18229.1	33.4			G5
FVH	(80°-90°)	1840.2	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1
2.5°	17745.9	17979.7	18141.4	18300.9	18425.4	18547.8	18726.9	18906.1	18941.1	18973.8	18903.9
5°	17641.0	18211.3	18696.3	19179.2	19627.1	20075.0	20343.8	20612.5	20667.1	20721.8	20553.5
7.5°	16511.4	17352.6	18193.8	19035.0	19806.3	20577.6	21047.3	21514.9	21621.9	21726.8	21451.5
10°	15226.7	16205.5	17239.0	18272.5	19288.5	20304.4	20984.0	21663.5	21798.9	21934.4	21591.4
12.5°	14250.0	15318.5	16421.8	17525.2	18598.0	19668.6	20372.2	21075.7	21244.0	21412.2	21163.1
15°	13874.2	15045.3	16083.2	17121.0	18056.2	18989.1	19565.9	20140.6	20210.5	20278.2	20238.9
17.5°	14250.0	15541.3	16480.8	17418.2	17927.3	18434.2	18665.8	18895.2	18971.6	19045.9	19146.4
20°	15349.0	16743.0	17405.1	18064.9	18043.1	18019.0	17907.6	17794.0	17774.3	17754.6	18038.7
22.5°	16917.8	18536.8	18801.2	19063.4	18449.4	17835.5	17461.9	17086.1	17011.8	16935.3	17236.8
25°	18759.7	20483.6	20435.5	20385.3	19216.4	18045.2	17333.0	16620.7	16537.6	16454.6	16712.4
27.5°	20763.3	22410.7	22096.1	21781.4	20193.0	18604.6	17571.1	16537.6	16454.6	16371.6	16598.8
30°	22329.9	23824.3	23319.6	22814.9	21016.7	19218.5	17990.6	16762.7	16627.2	16489.6	16769.2
32.5°	23656.1	24927.7	24250.4	23573.1	21685.3	19797.5	18469.1	17140.7	16928.7	16716.8	17090.4
35°	25037.0	26028.9	25076.3	24121.5	22281.8	20439.9	19035.0	17627.9	17367.9	17107.9	17621.4
37.5°	26590.5	27414.2	26046.4	24676.5	22952.6	21228.7	19882.8	18534.7	18268.1	18001.5	18657.0
40°	28231.3	28917.4	27093.0	25268.6	23686.7	22104.8	21056.1	20005.1	19751.7	19496.0	20291.3
42.5°	29666.8	30167.2	28067.5	25967.7	24571.6	23173.2	22434.7	21694.0	21691.9	21687.5	22493.7
45°	30748.3	31183.1	28880.2	26575.2	25434.6	24291.9	23907.4	23522.8	23830.9	24139.0	24868.7
47.5°	31646.3	31941.3	29561.9	27180.4	26422.2	25664.0	25720.9	25777.7	26404.7	27031.8	27501.6
50°	32673.3	32435.1	30180.3	27923.2	27689.5	27455.7	27966.9	28476.0	29197.1	29915.9	30234.9
52.5°	33785.4	33153.9	31019.3	28882.4	29144.6	29406.8	30446.8	31486.9	32214.4	32942.0	33062.2
55°	35784.6	34816.7	32561.8	30304.8	30809.5	31312.1	32839.3	34364.4	34932.5	35500.5	35544.2
57.5°	38037.2	37178.6	34722.7	32266.9	32808.7	33350.6	35113.8	36874.9	37488.8	38100.6	38015.4
60°	38904.6	38946.2	36774.4	34600.4	35146.6	35692.8	37410.2	39127.5	39833.2	40536.8	40348.9
62.5°	38030.7	39055.4	37895.2	36732.8	37228.8	37722.6	39405.0	41087.4	41810.6	42533.8	42206.1
65°	36302.4	37318.4	37838.4	38358.4	38522.3	38686.2	40257.1	41825.9	42380.9	42933.6	42767.6
67.5°	34104.4	34925.9	36844.3	38760.4	38430.5	38100.6	38836.9	39573.2	40143.5	40713.8	40619.8
70°	31559.0	32537.8	35096.3	37654.9	36033.7	34410.3	34106.6	33802.9	34419.0	35033.0	34652.8
72.5°	26994.7	28471.7	31200.6	33927.4	30940.6	27953.8	26916.0	25878.2	26658.2	27438.2	26833.0
75°	20389.7	22349.5	25364.7	28377.7	24814.1	21250.5	19865.3	18480.0	19150.8	19821.6	19406.4
77.5°	14180.1	16638.1	19607.5	22576.8	18954.2	15329.4	14300.3	13269.0	13470.0	13668.8	13598.9
80°	9668.3	11285.1	13356.4	15425.5	13013.4	10601.2	10682.1	10760.7	10666.8	10570.6	10710.5
82.5°	6063.1	7201.5	8800.8	10398.0	9117.7	7837.3	8571.4	9305.6	8945.1	8582.4	8717.8
85°	3415.0	4109.8	5674.2	7236.4	6744.8	6251.0	6681.5	7109.7	6550.4	5991.0	6237.9
87.5°	651.1	1083.7	3139.7	5193.5	4715.1	4236.6	3681.6	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



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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°	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1
2.5°	18834.0	18796.8	18759.7	18626.4	18491.0	18289.9	18123.9	17835.5	17678.2	17440.0	17201.9
5°	20383.1	20147.1	19911.2	19504.8	19096.2	18641.7	18119.5	17540.5	17103.5	16535.5	15967.4
7.5°	21176.2	20625.6	20072.8	19292.8	18510.6	17807.1	16981.2	16212.1	15556.6	14818.1	14079.6
10°	21248.3	20422.4	19594.3	18580.5	17564.6	16710.3	15759.8	14905.5	14118.9	13271.2	12421.3
12.5°	20911.8	20033.5	19153.0	18036.5	16917.8	15947.7	14925.2	13968.2	13096.4	12163.4	11228.3
15°	20199.6	19498.2	18794.7	17748.1	16701.5	15722.7	14730.7	13596.7	12611.3	11656.5	10699.5
17.5°	19244.8	18912.6	18578.4	17822.4	17064.2	16216.5	15255.1	13924.5	12770.8	11733.0	10695.2
20°	18320.5	18442.9	18563.1	18261.5	17960.0	17280.5	16441.5	14947.0	13474.4	12117.6	10758.5
22.5°	17536.2	18123.9	18709.5	18943.2	19174.8	18766.3	18110.8	16382.5	14433.6	12661.6	10889.6
25°	16968.1	17942.5	18917.0	19694.8	20470.5	20289.1	19784.4	18126.1	15705.2	13446.0	11184.6
27.5°	16826.1	18021.2	19216.4	20422.4	21626.3	21794.6	21654.7	19963.6	17221.5	14420.5	11617.2
30°	17048.9	18259.4	19467.6	20935.9	22402.0	23072.7	23260.6	21495.2	18954.2	15556.6	12156.9
32.5°	17464.0	18650.5	19836.9	21436.2	23033.4	24047.2	24645.9	22895.8	20162.4	16413.1	12661.6
35°	18134.8	19244.8	20354.7	22019.6	23684.5	24995.5	26087.9	24342.2	21235.2	17011.8	12786.1
37.5°	19310.3	20265.1	21219.9	22758.1	24294.1	25994.0	27634.8	25935.0	22395.4	17588.6	12779.6
40°	21086.6	21761.8	22434.7	23734.8	25032.6	27171.6	29387.1	27711.3	23678.0	18213.5	12749.0
42.5°	23300.0	23647.4	23992.6	25021.7	26050.8	28401.7	30977.8	29448.3	24901.5	18794.7	12687.8
45°	25596.3	25688.1	25779.8	26428.8	27075.5	29376.2	32061.5	30752.7	25969.9	19299.4	12626.6
47.5°	27969.1	27654.5	27339.9	27597.7	27855.5	30123.5	32834.9	31742.5	27042.7	19858.7	12672.5
50°	30553.9	29677.7	28801.6	28666.1	28530.7	30870.7	33746.1	33001.0	28331.8	20673.7	13015.6
52.5°	33180.2	31735.9	30291.7	29756.4	29218.9	31762.2	34954.3	34567.6	30171.5	21936.6	13699.4
55°	35587.9	33750.4	31912.9	31191.9	30470.9	33125.5	36429.1	36868.3	32529.1	23551.2	14571.2
57.5°	37928.0	35845.8	33763.5	33095.0	32426.4	35129.1	38297.2	38933.1	34910.6	25100.3	15287.9
60°	40161.0	38100.6	36038.0	35502.7	34965.2	37619.9	40316.1	39852.9	36138.5	25825.7	15510.7
62.5°	41878.3	40239.6	38600.9	38319.1	38035.0	40139.1	41867.4	39494.6	35358.5	25111.3	14864.0
65°	42601.5	41668.6	40733.4	40997.8	41260.0	42044.4	42254.1	38445.8	32907.0	23109.9	13312.7
67.5°	40523.7	40713.8	40903.8	42013.8	43121.5	42581.9	41104.9	36378.9	29417.7	20273.9	11130.0
70°	34270.4	35411.0	36549.3	39175.6	41799.7	40602.3	38026.3	32668.9	25218.3	17007.4	8794.3
72.5°	26225.6	27508.1	28788.5	32686.4	36582.1	35478.7	32323.7	26833.0	20219.2	13581.4	6941.5
75°	18989.1	20437.7	21884.1	26184.1	30484.0	28952.3	24178.3	19212.0	15357.8	10367.4	5374.9
77.5°	13526.8	14496.9	15467.0	19714.5	23959.8	21464.6	16094.1	12928.2	10629.6	7205.9	3779.9
80°	10850.3	10553.2	10256.0	12622.3	14988.5	14573.4	10644.9	8302.7	7356.6	4828.7	2300.7
82.5°	8851.1	8125.7	7400.3	8514.6	9628.9	9567.8	7387.2	6091.6	5475.4	3356.0	1236.7
85°	6482.7	6192.1	5901.5	6886.9	7872.3	7031.1	5003.5	3871.7	4269.3	2471.1	673.0
87.5°	3161.6	3611.7	4059.6	5222.0	6382.1	4791.5	1518.5	751.6	1040.0	683.9	325.6
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: P320342
 CATALOG NUMBER: GAN-SA8D-740-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: P320342

CATALOG NUMBER: GAN-SA8D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1
2.5°	17024.9	16845.7	16642.5	16439.3	16207.7	15973.9	15836.3	15696.4	15545.7	15394.9	15224.5
5°	15591.6	15215.8	14789.7	14363.6	13942.0	13520.3	13293.0	13065.8	12825.5	12582.9	12373.2
7.5°	13533.4	12985.0	12395.0	11802.9	11278.5	10752.0	10426.4	10098.7	9801.5	9502.2	9250.9
10°	11722.1	11022.9	10430.8	9836.5	9441.0	9045.6	8746.2	8446.9	8158.5	7867.9	7590.4
12.5°	10529.1	9829.9	9454.1	9078.3	8750.6	8422.9	8077.6	7730.2	7334.8	6937.1	6646.5
15°	10063.7	9427.9	9010.6	8591.1	8151.9	7710.6	7286.7	6862.8	6395.3	5927.7	5597.8
17.5°	9862.7	9030.3	8446.9	7861.3	7282.3	6703.3	6211.7	5720.1	5208.8	4697.6	4363.3
20°	9650.8	8543.0	7760.8	6976.4	6233.6	5490.7	4933.5	4376.4	3919.7	3463.1	3207.5
22.5°	9458.5	8025.2	7044.2	6061.0	5182.6	4304.3	3758.1	3209.6	2930.0	2650.3	2547.6
25°	9379.9	7572.9	6366.9	5160.8	4234.4	3305.8	2916.9	2527.9	2420.9	2311.6	2259.2
27.5°	9393.0	7168.7	5796.6	4422.3	3587.6	2753.0	2486.4	2219.9	2154.3	2086.6	2053.8
30°	9443.2	6729.5	5259.1	3788.6	3100.4	2412.1	2239.5	2064.7	1994.8	1924.9	1883.4
32.5°	9500.0	6336.3	4844.0	3349.5	2788.0	2224.2	2082.2	1938.0	1870.3	1802.6	1761.0
35°	9401.7	6015.1	4559.9	3104.8	2586.9	2066.9	1946.8	1824.4	1750.1	1675.8	1636.5
37.5°	9235.6	5691.7	4339.2	2984.6	2455.8	1924.9	1837.5	1747.9	1671.5	1592.8	1555.7
40°	9084.9	5418.6	4175.4	2930.0	2383.7	1835.3	1761.0	1686.8	1608.1	1527.3	1483.6
42.5°	8962.5	5235.1	4013.7	2792.3	2318.2	1841.9	1737.0	1629.9	1553.5	1477.0	1428.9
45°	8870.8	5114.9	3887.0	2659.0	2257.0	1855.0	1721.7	1588.4	1512.0	1433.3	1376.5
47.5°	8862.0	5051.5	3797.4	2543.2	2141.2	1737.0	1682.4	1627.8	1516.3	1402.7	1337.2
50°	8982.2	4948.8	3692.5	2434.0	2029.8	1625.6	1699.9	1772.0	1581.9	1389.6	1306.6
52.5°	9233.5	4767.5	3526.5	2285.4	1894.3	1501.0	1616.8	1730.5	1566.6	1400.5	1293.5
55°	9537.2	4500.9	3275.2	2047.3	1715.2	1380.9	1483.6	1584.1	1481.4	1376.5	1247.6
57.5°	9727.3	4164.5	2958.4	1752.3	1514.1	1276.0	1335.0	1391.8	1350.3	1308.8	1177.7
60°	9613.6	3716.5	2602.2	1485.7	1337.2	1188.6	1177.7	1164.6	1225.7	1286.9	1136.2
62.5°	9058.7	3253.3	2287.6	1321.9	1210.4	1096.8	1072.8	1046.6	1147.1	1245.4	1085.9
65°	8121.3	2930.0	2088.8	1247.6	1123.0	998.5	972.3	946.1	976.7	1007.2	933.0
67.5°	6930.6	2731.1	1975.2	1219.2	1068.4	915.5	884.9	854.3	847.7	841.2	815.0
70°	5702.6	2608.8	1900.9	1193.0	1009.4	823.7	795.3	766.9	758.2	747.2	727.6
72.5°	4767.5	2593.5	1892.1	1190.8	961.4	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°	2897.2	2014.5	1509.8	1005.1	766.9	528.8	504.7	478.5	476.3	471.9	461.0
80°	1879.0	1457.3	1079.3	701.4	559.3	415.1	395.5	373.6	375.8	378.0	369.3
82.5°	1044.4	849.9	659.8	469.8	382.4	295.0	286.2	275.3	281.9	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: P320342
 CATALOG NUMBER: GAN-SA8D-740-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: P320342

CATALOG NUMBER: GAN-SA8D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1
2.5°	15051.9	14892.4	14730.7	14553.7	14586.5	14451.0	14315.6	14230.4	14145.2	14118.9	14092.7
5°	12163.4	11982.1	11798.6	11634.7	11776.7	11680.6	11584.4	11571.3	11556.0	11556.0	11553.8
7.5°	8999.7	8805.2	8608.6	8473.1	8612.9	8595.5	8578.0	8671.9	8765.9	8842.4	8916.6
10°	7312.9	7076.9	6838.8	6637.8	6602.8	6502.3	6399.6	6421.5	6441.1	6524.2	6607.2
12.5°	6355.9	6074.1	5792.2	5556.2	5449.2	5283.1	5114.9	5010.0	4905.1	4916.1	4924.8
15°	5265.7	4992.5	4717.2	4514.0	4446.3	4317.4	4188.5	4057.4	3924.1	3869.5	3812.7
17.5°	4026.8	3808.3	3587.6	3452.2	3452.2	3415.0	3377.9	3312.3	3244.6	3190.0	3133.2
20°	2951.8	2836.0	2718.0	2661.2	2678.7	2680.9	2680.9	2713.7	2746.4	2729.0	2711.5
22.5°	2442.7	2401.2	2359.7	2335.7	2344.4	2346.6	2348.8	2379.4	2407.8	2429.6	2449.3
25°	2204.6	2178.4	2152.1	2143.4	2163.1	2165.3	2165.3	2184.9	2204.6	2226.4	2248.3
27.5°	2018.9	2007.9	1997.0	1981.7	2001.4	2001.4	1999.2	2021.0	2040.7	2060.4	2077.9
30°	1841.9	1846.3	1848.4	1844.1	1857.2	1865.9	1872.5	1887.8	1900.9	1916.2	1931.5
32.5°	1717.3	1710.8	1704.2	1699.9	1728.3	1743.6	1758.9	1774.2	1787.3	1793.8	1800.4
35°	1597.2	1581.9	1566.6	1555.7	1581.9	1601.5	1621.2	1649.6	1675.8	1680.2	1684.6
37.5°	1516.3	1496.7	1477.0	1463.9	1474.8	1483.6	1492.3	1522.9	1553.5	1571.0	1586.3
40°	1439.9	1420.2	1400.5	1389.6	1396.2	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	1324.1	1354.6	1385.2
45°	1317.5	1291.3	1265.1	1249.8	1252.0	1252.0	1252.0	1247.6	1241.0	1256.3	1271.6
47.5°	1269.4	1238.8	1208.3	1193.0	1188.6	1184.2	1179.9	1177.7	1173.3	1184.2	1193.0
50°	1221.4	1188.6	1153.6	1136.2	1125.2	1120.9	1116.5	1114.3	1109.9	1120.9	1129.6
52.5°	1184.2	1144.9	1105.6	1077.2	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	1005.1	1009.4	1009.4	1009.4
57.5°	1046.6	1013.8	978.8	965.7	948.3	948.3	946.1	954.8	961.4	965.7	970.1
60°	983.2	946.1	908.9	898.0	891.4	889.3	887.1	898.0	906.7	915.5	924.2
62.5°	924.2	884.9	845.6	832.5	830.3	832.5	832.5	843.4	852.1	860.9	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	716.7	725.4	731.9	736.3	745.1	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	513.5	491.6	487.2	491.6	498.2	504.7	509.1	513.5	526.6	537.5
77.5°	450.1	426.1	399.8	397.7	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	253.5	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: P320342
 CATALOG NUMBER: GAN-SA8D-740-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: P320342

CATALOG NUMBER: GAN-SA8D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1
2.5°	13996.6	13898.3	13998.8	14097.1	14138.6	14180.1	14073.1	13963.8	14134.2	14302.5	14346.2
5°	11466.4	11376.9	11444.6	11510.1	11363.8	11217.4	11202.1	11184.6	11311.3	11438.0	11457.7
7.5°	8888.2	8859.8	8923.2	8986.6	8800.8	8612.9	8521.2	8429.4	8460.0	8490.6	8486.2
10°	6626.9	6644.3	6723.0	6799.5	6655.3	6511.1	6447.7	6384.3	6454.2	6522.0	6585.3
12.5°	4964.1	5001.3	5084.3	5165.1	5106.2	5045.0	5051.5	5058.1	5138.9	5217.6	5287.5
15°	3856.4	3900.1	3959.1	4015.9	4018.1	4018.1	4074.9	4129.5	4122.9	4116.4	4164.5
17.5°	3192.2	3249.0	3255.5	3262.1	3264.3	3266.5	3262.1	3257.7	3224.9	3192.2	3229.3
20°	2733.3	2753.0	2770.5	2785.8	2766.1	2744.3	2689.6	2635.0	2613.2	2591.3	2626.3
22.5°	2486.4	2521.4	2503.9	2484.3	2444.9	2403.4	2361.9	2318.2	2316.0	2311.6	2331.3
25°	2278.9	2307.3	2276.7	2246.1	2217.7	2189.3	2160.9	2132.5	2130.3	2128.1	2136.8
27.5°	2106.3	2132.5	2104.1	2075.7	2051.6	2027.6	2005.8	1983.9	1979.5	1975.2	1977.4
30°	1957.7	1981.7	1957.7	1931.5	1914.0	1894.3	1879.0	1863.7	1861.5	1859.4	1859.4
32.5°	1824.4	1848.4	1831.0	1813.5	1798.2	1782.9	1772.0	1761.0	1750.1	1739.2	1715.2
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	1612.5	1588.4	1564.4	1529.4	1492.3	1483.6	1472.6	1470.4
40°	1531.6	1568.8	1546.9	1522.9	1485.7	1448.6	1431.1	1413.6	1409.3	1404.9	1400.5
42.5°	1444.2	1501.0	1461.7	1422.4	1387.4	1352.5	1348.1	1343.7	1341.5	1339.4	1339.4
45°	1335.0	1396.2	1356.8	1315.3	1295.7	1276.0	1276.0	1276.0	1278.2	1278.2	1282.5
47.5°	1232.3	1269.4	1249.8	1230.1	1219.2	1208.3	1210.4	1212.6	1219.2	1223.6	1234.5
50°	1144.9	1158.0	1162.4	1164.6	1158.0	1151.5	1155.8	1158.0	1164.6	1168.9	1177.7
52.5°	1081.5	1101.2	1101.2	1099.0	1099.0	1099.0	1103.4	1107.8	1114.3	1120.9	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	976.7	965.7	967.9	970.1	972.3	972.3	976.7	978.8	978.8
62.5°	900.2	930.8	922.0	911.1	917.7	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	876.2	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°	716.7	745.1	734.1	723.2	734.1	745.1	753.8	762.5	753.8	745.1	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	600.9	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	325.6	325.6	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



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 CATALOG NUMBER: GAN-SA8D-740-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: P320342

CATALOG NUMBER: GAN-SA8D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1
2.5°	14411.7	14440.1	14466.3	14680.5	14892.4	15141.5	15390.6	15580.6	15768.6	15963.0	16157.5
5°	11525.4	11560.4	11595.4	11855.4	12113.2	12460.6	12808.0	13107.3	13406.7	13758.4	14110.2
7.5°	8543.0	8619.5	8693.8	8971.3	9246.6	9620.2	9991.6	10382.7	10771.6	11230.5	11689.3
10°	6709.9	6854.1	6996.1	7280.1	7564.2	7933.4	8300.5	8709.1	9117.7	9569.9	10020.0
12.5°	5431.7	5624.0	5814.1	6154.9	6495.8	6937.1	7376.3	7830.7	8283.0	8680.7	9078.3
15°	4291.2	4500.9	4708.5	5069.0	5429.5	5914.6	6397.4	6893.4	7387.2	7863.5	8339.8
17.5°	3347.3	3519.9	3690.3	3996.2	4299.9	4769.7	5239.4	5759.4	6279.5	6860.6	7439.6
20°	2700.6	2772.7	2844.8	3065.4	3283.9	3666.3	4046.5	4577.4	5108.3	5803.1	6497.9
22.5°	2366.3	2403.4	2438.4	2545.4	2650.3	2897.2	3141.9	3611.7	4079.2	4837.4	5593.4
25°	2165.3	2193.7	2222.1	2292.0	2361.9	2479.9	2597.9	2927.8	3257.7	4002.8	4745.6
27.5°	1983.9	2027.6	2069.1	2101.9	2132.5	2213.3	2292.0	2508.3	2724.6	3419.4	4112.0
30°	1852.8	1868.1	1883.4	1933.7	1981.7	2064.7	2147.8	2298.5	2449.3	3037.0	3622.6
32.5°	1699.9	1721.7	1743.6	1796.0	1848.4	1924.9	2001.4	2123.7	2243.9	2746.4	3246.8
35°	1562.2	1584.1	1605.9	1658.4	1708.6	1791.6	1872.5	1975.2	2075.7	2512.7	2949.6
37.5°	1477.0	1498.9	1520.7	1566.6	1610.3	1693.3	1774.2	1855.0	1933.7	2337.9	2742.1
40°	1404.9	1426.8	1448.6	1492.3	1533.8	1614.7	1693.3	1761.0	1828.8	2206.8	2584.8
42.5°	1341.5	1365.6	1389.6	1433.3	1474.8	1546.9	1619.0	1708.6	1796.0	2093.2	2388.1
45°	1289.1	1313.1	1335.0	1383.1	1431.1	1501.0	1571.0	1695.5	1820.0	2034.2	2248.3
47.5°	1241.0	1267.3	1291.3	1343.7	1396.2	1483.6	1568.8	1673.6	1776.3	1988.3	2200.2
50°	1195.2	1225.7	1256.3	1319.7	1380.9	1527.3	1671.5	1686.8	1699.9	1951.1	2200.2
52.5°	1151.5	1186.4	1221.4	1300.0	1376.5	1546.9	1717.3	1662.7	1605.9	1881.2	2156.5
55°	1107.8	1138.3	1166.7	1262.9	1359.0	1483.6	1608.1	1536.0	1461.7	1750.1	2038.5
57.5°	1048.8	1081.5	1112.1	1214.8	1317.5	1404.9	1490.1	1424.6	1356.8	1601.5	1844.1
60°	987.6	1024.7	1061.9	1193.0	1321.9	1306.6	1289.1	1276.0	1260.7	1435.5	1610.3
62.5°	933.0	972.3	1011.6	1182.0	1352.5	1247.6	1142.7	1153.6	1162.4	1291.3	1420.2
65°	878.3	917.7	954.8	1040.0	1125.2	1083.7	1042.2	1059.7	1075.0	1201.7	1328.4
67.5°	817.2	852.1	884.9	913.3	941.7	946.1	950.4	967.9	985.4	1136.2	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°	673.0	697.0	718.8	736.3	753.8	760.4	764.7	786.6	808.4	983.2	1158.0
75°	589.9	609.6	627.1	642.4	657.7	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	773.5	930.8
80°	388.9	412.9	434.8	445.7	454.5	456.6	456.6	474.1	491.6	605.2	716.7
82.5°	275.3	301.5	325.6	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



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320342

CATALOG NUMBER: GAN-SA8D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1	16649.1
2.5°	16380.3	16603.2	16863.2	17121.0	17341.7	17562.4	17745.9
5°	14558.1	15006.0	15554.4	16100.7	16587.9	17075.1	17641.0
7.5°	12268.3	12847.3	13557.4	14267.5	14955.8	15641.8	16511.4
10°	10610.0	11197.7	11949.3	12698.7	13472.2	14243.5	15226.7
12.5°	9556.8	10033.1	10760.7	11488.3	12397.2	13304.0	14250.0
15°	8862.0	9382.0	10090.0	10797.9	11792.0	12786.1	13874.2
17.5°	8121.3	8800.8	9707.6	10614.3	11792.0	12967.5	14250.0
20°	7345.7	8191.3	9366.7	10542.2	12128.5	13712.5	15349.0
22.5°	6572.2	7551.1	9058.7	10564.1	12637.6	14708.9	16917.8
25°	5875.2	7004.8	8870.8	10734.5	13378.3	16019.8	18759.7
27.5°	5346.5	6578.8	8794.3	11007.6	14317.8	17627.9	20763.3
30°	4876.7	6130.9	8702.5	11274.2	15222.3	19168.3	22329.9
32.5°	4470.3	5693.9	8525.5	11355.0	15853.8	20352.5	23656.1
35°	4151.3	5353.0	8228.4	11103.8	16249.2	21394.7	25037.0
37.5°	3876.0	5010.0	7889.7	10769.5	16601.0	22432.6	26590.5
40°	3613.9	4643.0	7599.1	10553.2	17086.1	23619.0	28231.3
42.5°	3364.8	4341.4	7365.4	10389.3	17536.2	24680.8	29666.8
45°	3179.1	4109.8	7157.8	10203.6	17826.7	25449.9	30748.3
47.5°	3087.3	3972.2	7046.4	10118.4	18117.3	26114.1	31646.3
50°	3074.2	3948.1	7173.1	10398.0	18746.6	27093.0	32673.3
52.5°	3072.0	3987.5	7538.0	11088.5	19915.5	28740.4	33785.4
55°	3026.1	4011.5	7972.8	11931.8	21484.3	31034.6	35784.6
57.5°	2886.3	3928.5	8420.7	12910.7	23142.6	33372.4	38037.2
60°	2670.0	3727.5	8789.9	13850.2	24257.0	34661.5	38904.6
62.5°	2399.0	3375.7	8912.3	14446.7	24226.4	34006.1	38030.7
65°	2167.4	3006.4	8510.3	14011.9	23000.6	31987.2	36302.4
67.5°	1962.1	2637.2	7505.2	12371.0	20796.0	29218.9	34104.4
70°	1813.5	2394.7	6209.5	10024.4	18036.5	26046.4	31559.0
72.5°	1719.5	2278.9	5062.5	7843.9	14636.8	21427.5	26994.7
75°	1590.6	2097.5	3972.2	5844.7	11202.1	16559.5	20389.7
77.5°	1350.3	1767.6	2993.3	4219.1	8219.7	12218.1	14180.1
80°	1042.2	1365.6	2058.2	2750.8	5656.8	8562.7	9668.3
82.5°	742.9	952.6	1247.6	1542.6	3758.1	5971.4	6063.1
85°	458.8	555.0	714.5	874.0	2486.4	4098.9	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: P320342
CATALOG NUMBER: GAN-SA8D-740-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)