

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: P320261

Luminaire Tested: **GAN-SA7D-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320261
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-SA7D-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 2700K, 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: 40334 lumens
Efficiency: N/A
Efficacy: 90.0 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

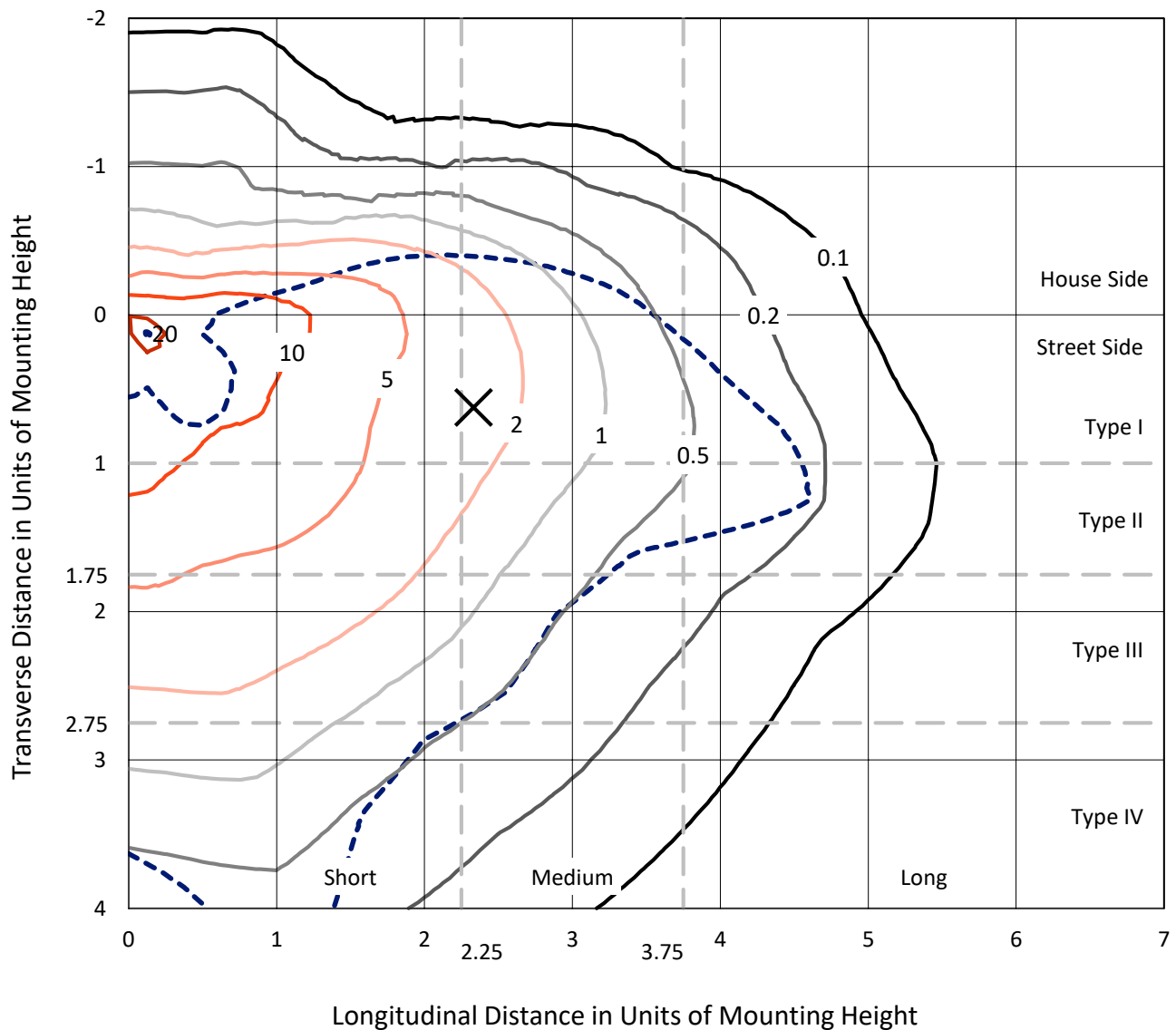
Input Watts (W): 448
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

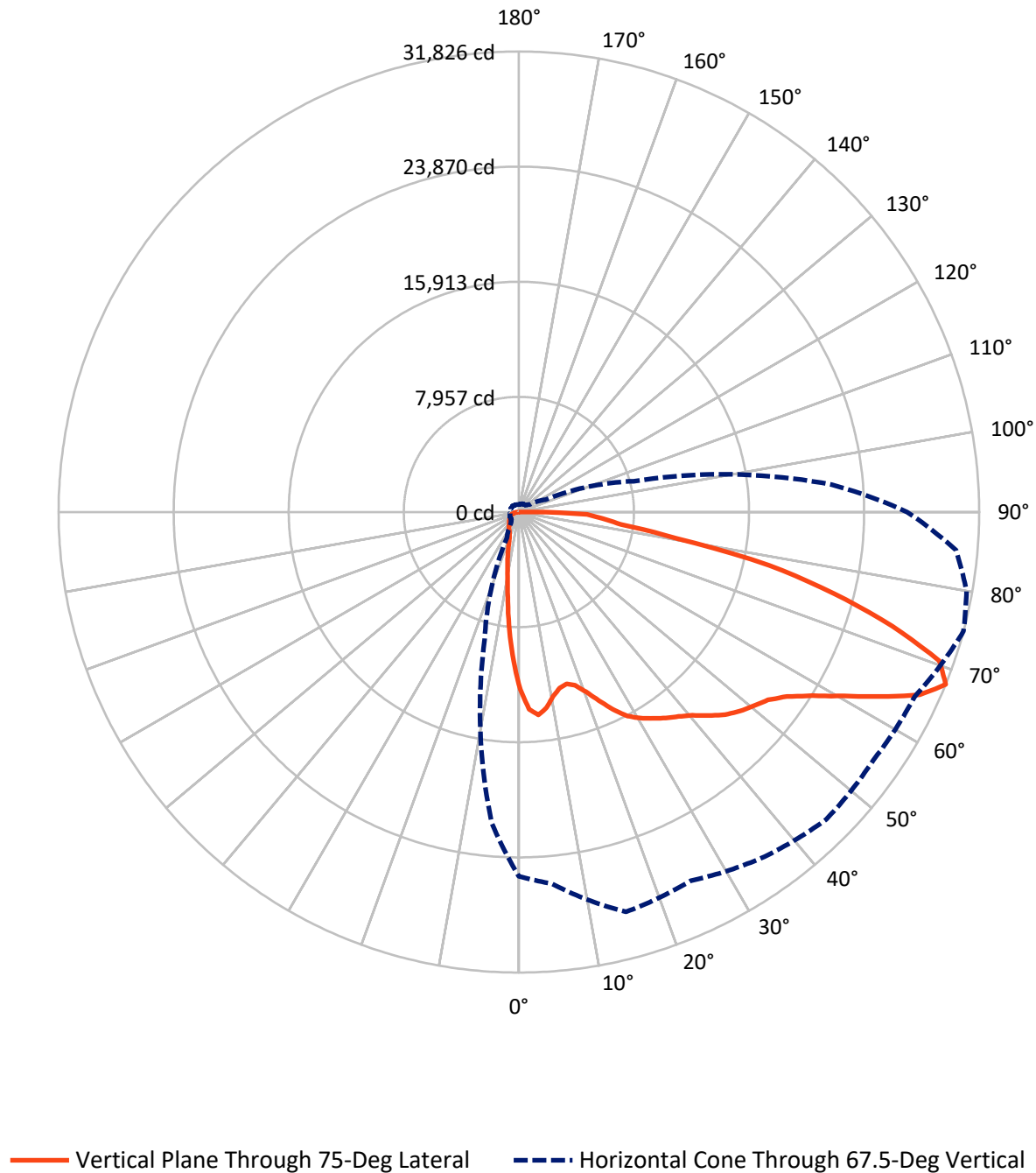
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 24.7 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	7103.8	0.0	7103.8
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	33230.2	0.0	33230.2
	% Fixture	82.4	0.0	82.4
Total	Lumens	40334.0	0.0	40334.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	948.3	2.4
10°-20°	1970.1	4.9
20°-30°	2801.9	6.9
30°-40°	4037.6	10.0
40°-50°	5690.1	14.1
50°-60°	7910.2	19.6
60°-70°	9565.8	23.7
70°-80°	5879.9	14.6
80°-90°	1530.1	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°	40334.0	100.0
0°-180°	40334.0	100.0

Coefficient of Utilization



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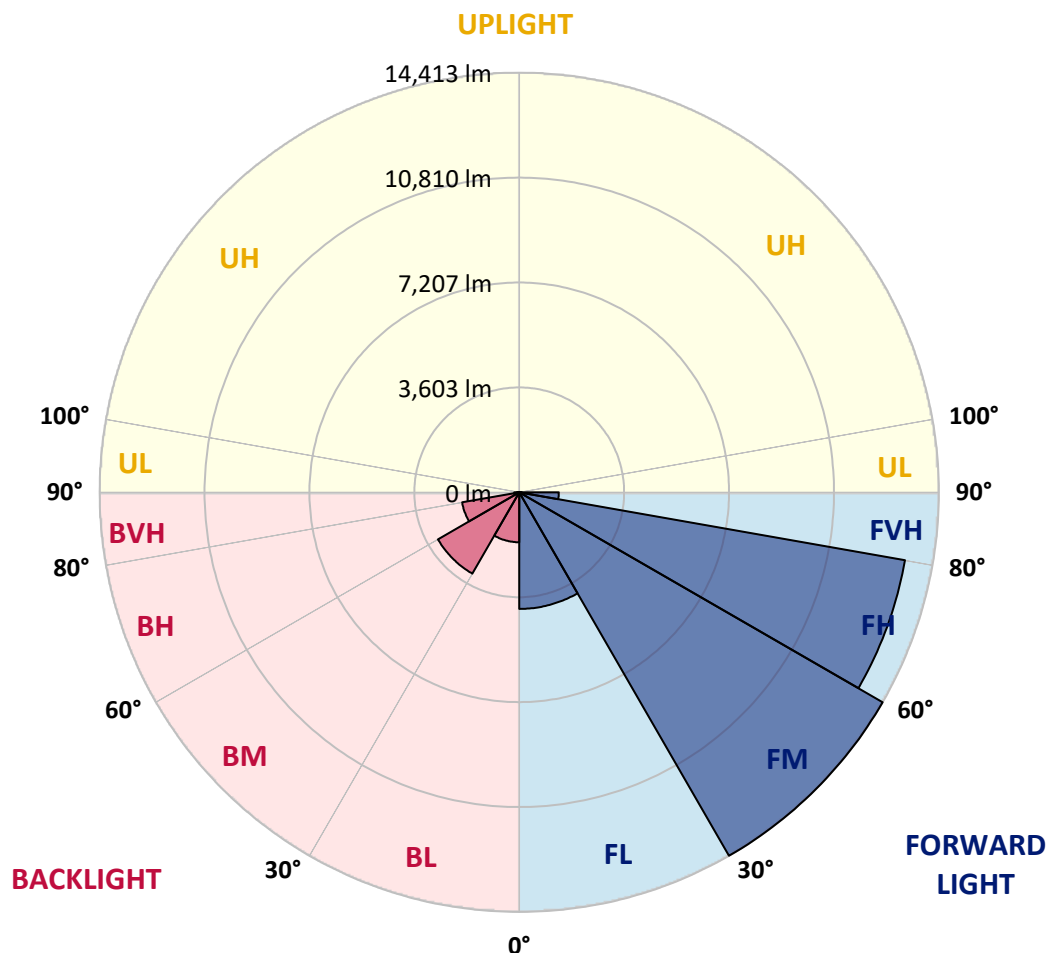
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4004.8	9.9			
FM	(30°-60°)	14413.2	35.7			
FH	(60°-80°)	13454.1	33.4			G5
FVH	(80°-90°)	1358.1	3.4			G5
BL	(0°-30°)	1715.6	4.3	B3/2500		
BM	(30°-60°)	3224.6	8.0	B3/5000		
BH	(60°-80°)	1991.7	4.9	B3/2500		G3/2500
BVH	(80°-90°)	171.9	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9
2.5°	13097.5	13270.0	13389.3	13507.1	13599.0	13689.3	13821.5	13953.7	13979.5	14003.7	13952.1
5°	13020.1	13440.9	13798.9	14155.3	14485.9	14816.5	15014.8	15213.2	15253.5	15293.8	15169.6
7.5°	12186.3	12807.2	13428.0	14048.9	14618.1	15187.4	15534.1	15879.2	15958.2	16035.6	15832.4
10°	11238.1	11960.6	12723.3	13486.1	14236.0	14985.8	15487.3	15988.8	16088.8	16188.8	15935.6
12.5°	10517.3	11305.9	12120.2	12934.6	13726.4	14516.5	15035.8	15555.1	15679.2	15803.4	15619.6
15°	10240.0	11104.3	11870.3	12636.3	13326.5	14015.0	14440.8	14864.9	14916.5	14966.5	14937.4
17.5°	10517.3	11470.4	12163.8	12855.6	13231.3	13605.4	13776.4	13945.7	14002.1	14057.0	14131.1
20°	11328.5	12357.3	12845.9	13332.9	13316.8	13299.0	13216.8	13132.9	13118.4	13103.9	13313.5
22.5°	12486.3	13681.2	13876.3	14069.9	13616.7	13163.6	12887.8	12610.5	12555.6	12499.2	12721.7
25°	13845.7	15118.0	15082.6	15045.5	14182.7	13318.4	12792.7	12267.0	12205.7	12144.4	12334.7
27.5°	15324.5	16540.3	16308.1	16075.9	14903.6	13731.2	12968.5	12205.7	12144.4	12083.1	12250.9
30°	16480.7	17583.7	17211.2	16838.7	15511.5	14184.3	13278.1	12371.8	12271.8	12170.2	12376.6
32.5°	17459.5	18398.0	17898.1	17398.2	16005.0	14611.7	13631.2	12650.8	12494.4	12337.9	12613.7
35°	18478.7	19210.8	18507.7	17803.0	16445.2	15085.8	14048.9	13010.4	12818.5	12626.6	13005.5
37.5°	19625.2	20233.2	19223.7	18212.6	16940.3	15667.9	14674.6	13679.6	13482.9	13286.1	13769.9
40°	20836.3	21342.6	19996.1	18649.6	17482.1	16314.6	15540.5	14764.9	14577.8	14389.1	14976.1
42.5°	21895.8	22265.0	20715.3	19165.6	18135.2	17103.1	16558.1	16011.4	16009.8	16006.6	16601.6
45°	22694.0	23014.9	21315.2	19613.9	18772.2	17928.8	17645.0	17361.2	17588.5	17815.9	18354.5
47.5°	23356.8	23574.5	21818.4	20060.6	19501.1	18941.5	18983.4	19025.3	19488.2	19951.0	20297.7
50°	24114.7	23938.9	22274.7	20608.9	20436.4	20263.8	20641.2	21016.9	21549.1	22079.6	22315.0
52.5°	24935.5	24469.5	22894.0	21316.8	21510.3	21703.9	22471.5	23239.0	23776.0	24313.0	24401.7
55°	26411.0	25696.6	24032.4	22366.6	22739.1	23110.0	24237.2	25362.8	25782.1	26201.4	26233.6
57.5°	28073.6	27439.8	25627.3	23814.7	24214.7	24614.6	25915.9	27215.7	27668.8	28120.4	28057.5
60°	28713.8	28744.4	27141.5	25537.0	25940.1	26343.3	27610.8	28878.3	29399.1	29918.4	29779.7
62.5°	28068.8	28825.1	27968.8	27110.9	27476.9	27841.4	29083.1	30324.8	30858.5	31392.3	31150.4
65°	26793.2	27543.1	27926.8	28310.6	28431.6	28552.5	29712.0	30869.8	31279.4	31687.4	31564.9
67.5°	25170.9	25777.3	27193.1	28607.4	28363.9	28120.4	28663.8	29207.2	29628.1	30049.0	29979.7
70°	23292.3	24014.7	25903.0	27791.4	26594.8	25396.7	25172.5	24948.4	25403.1	25856.3	25575.7
72.5°	19923.6	21013.7	23027.8	25040.3	22835.9	20631.5	19865.5	19099.5	19675.2	20250.9	19804.2
75°	15048.7	16495.2	18720.6	20944.3	18314.2	15684.1	14661.7	13639.3	14134.4	14629.4	14323.0
77.5°	10465.7	12279.9	14471.4	16662.9	13989.2	11313.9	10554.4	9793.3	9941.6	10088.4	10036.8
80°	7135.7	8329.0	9857.8	11384.9	9604.6	7824.3	7884.0	7942.0	7872.7	7801.7	7904.9
82.5°	4474.9	5315.1	6495.5	7674.3	6729.3	5784.4	6326.2	6868.0	6601.9	6334.3	6434.2
85°	2520.5	3033.3	4187.9	5340.9	4978.1	4613.6	4931.3	5247.4	4834.5	4421.7	4603.9
87.5°	480.6	799.8	2317.3	3833.1	3480.0	3126.8	2717.2	2307.6	1760.9	1214.3	1773.8
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):

	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°	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9
2.5°	13900.5	13873.1	13845.7	13747.3	13647.4	13499.0	13376.4	13163.6	13047.5	12871.7	12695.9
5°	15043.9	14869.7	14695.5	14395.6	14094.0	13758.6	13373.2	12945.9	12623.4	12204.1	11784.8
7.5°	15629.2	15222.9	14814.9	14239.2	13661.9	13142.6	12533.1	11965.4	11481.6	10936.6	10391.5
10°	15682.4	15072.9	14461.7	13713.5	12963.6	12333.1	11631.6	11001.1	10420.6	9794.9	9167.6
12.5°	15434.1	14785.8	14136.0	13311.9	12486.3	11770.3	11015.6	10309.3	9665.9	8977.3	8287.1
15°	14908.4	14390.8	13871.5	13099.1	12326.6	11604.2	10872.1	10035.2	9307.9	8603.2	7896.9
17.5°	14203.7	13958.6	13711.9	13153.9	12594.3	11968.6	11259.1	10277.0	9425.6	8659.6	7893.6
20°	13521.6	13611.9	13700.6	13478.0	13255.5	12754.0	12134.7	11031.7	9944.8	8943.4	7940.4
22.5°	12942.7	13376.4	13808.6	13981.2	14152.1	13850.5	13366.8	12091.2	10652.8	9345.0	8037.2
25°	12523.4	13242.6	13961.8	14535.9	15108.4	14974.5	14602.0	13378.1	11591.3	9923.9	8254.9
27.5°	12418.6	13300.6	14182.7	15072.9	15961.4	16085.6	15982.4	14734.2	12710.4	10643.1	8574.1
30°	12583.0	13476.4	14368.2	15451.8	16533.9	17029.0	17167.6	15864.7	13989.2	11481.6	8972.5
32.5°	12889.4	13765.1	14640.7	15821.1	16999.9	17748.2	18190.0	16898.3	14881.0	12113.8	9345.0
35°	13384.5	14203.7	15022.9	16251.7	17480.5	18448.0	19254.3	17965.9	15672.8	12555.6	9436.9
37.5°	14252.1	14956.8	15661.5	16796.7	17930.4	19185.0	20396.0	19141.5	16529.1	12981.4	9432.0
40°	15563.1	16061.4	16558.1	17517.6	18475.5	20054.2	21689.3	20452.5	17475.6	13442.6	9409.5
42.5°	17196.7	17453.1	17707.9	18467.4	19226.9	20962.1	22863.3	21734.5	18378.7	13871.5	9364.3
45°	18891.5	18959.2	19027.0	19505.9	19983.2	21681.3	23663.2	22697.2	19167.3	14244.0	9319.2
47.5°	20642.8	20410.6	20178.3	20368.6	20558.9	22232.8	24234.0	23427.7	19959.0	14656.8	9353.0
50°	22550.5	21903.8	21257.2	21157.2	21057.2	22784.3	24906.5	24356.6	20910.5	15258.3	9606.2
52.5°	24488.8	23422.9	22357.0	21961.9	21565.2	23442.2	25798.2	25512.8	22268.3	16190.4	10110.9
55°	26265.9	24909.7	23553.5	23021.3	22489.2	24448.5	26886.7	27210.9	24008.3	17382.1	10754.4
57.5°	27993.0	26456.2	24919.4	24425.9	23932.5	25927.2	28265.5	28734.8	25766.0	18525.4	11283.3
60°	29641.0	28120.4	26598.1	26203.0	25806.3	27765.6	29755.5	29413.7	26672.3	19060.8	11447.8
62.5°	30908.5	29699.1	28489.6	28281.6	28072.0	29624.9	30900.5	29149.2	26096.6	18533.5	10970.5
65°	31442.3	30753.7	30063.5	30258.7	30452.2	31031.1	31185.9	28375.1	24287.2	17056.4	9825.5
67.5°	29908.7	30049.0	30189.3	31008.5	31826.1	31427.8	30337.7	26849.6	21711.9	14963.2	8214.5
70°	25293.5	26135.3	26975.4	28913.8	30850.5	29966.8	28065.5	24111.5	18612.5	12552.4	6490.7
72.5°	19355.9	20302.5	21247.5	24124.4	26999.6	26185.2	23856.7	19804.2	14922.9	10023.9	5123.2
75°	14015.0	15084.2	16151.7	19325.3	22498.9	21368.4	17844.9	14179.5	11334.9	7651.7	3967.0
77.5°	9983.5	10699.5	11415.5	14550.4	17683.7	15842.1	11878.3	9541.7	7845.3	5318.3	2789.8
80°	8008.1	7788.8	7569.5	9315.9	11062.4	10756.0	7856.5	6127.8	5429.6	3563.8	1698.1
82.5°	6532.6	5997.2	5461.8	6284.3	7106.7	7061.5	5452.2	4495.9	4041.2	2476.9	912.7
85°	4784.6	4570.1	4355.6	5082.9	5810.2	5189.3	3692.8	2857.5	3151.0	1823.8	496.7
87.5°	2333.4	2665.6	2996.2	3854.1	4710.4	3536.4	1120.8	554.7	767.6	504.7	240.3
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: P320261
 CATALOG NUMBER: GAN-SA7D-727-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: P320261

CATALOG NUMBER: GAN-SA7D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9
2.5°	12565.3	12433.1	12283.1	12133.1	11962.2	11789.7	11688.1	11584.9	11473.6	11362.3	11236.5
5°	11507.4	11230.1	10915.6	10601.2	10289.9	9978.7	9811.0	9643.3	9465.9	9286.9	9132.1
7.5°	9988.4	9583.6	9148.2	8711.2	8324.2	7935.6	7695.3	7453.4	7234.1	7013.2	6827.7
10°	8651.5	8135.5	7698.5	7259.9	6968.0	6676.1	6455.2	6234.3	6021.4	5806.9	5602.1
12.5°	7771.1	7255.0	6977.7	6700.3	6458.4	6216.5	5961.7	5705.3	5413.5	5120.0	4905.5
15°	7427.6	6958.3	6650.3	6340.7	6016.6	5690.8	5378.0	5065.1	4720.1	4375.0	4131.5
17.5°	7279.2	6664.8	6234.3	5802.1	5374.8	4947.4	4584.6	4221.8	3844.4	3467.1	3220.3
20°	7122.8	6305.2	5727.9	5149.0	4600.7	4052.4	3641.2	3230.0	2893.0	2556.0	2367.3
22.5°	6980.9	5923.0	5199.0	4473.3	3825.1	3176.8	2773.7	2368.9	2162.5	1956.1	1880.3
25°	6922.9	5589.2	4699.1	3808.9	3125.2	2439.8	2152.8	1865.8	1786.8	1706.1	1667.4
27.5°	6932.5	5290.9	4278.2	3263.9	2647.9	2031.9	1835.1	1638.4	1590.0	1540.0	1515.8
30°	6969.6	4966.8	3881.5	2796.2	2288.3	1780.3	1652.9	1523.9	1472.3	1420.7	1390.1
32.5°	7011.5	4676.5	3575.1	2472.1	2057.7	1641.6	1536.8	1430.4	1380.4	1330.4	1299.7
35°	6939.0	4439.5	3365.5	2291.5	1909.3	1525.5	1436.8	1346.5	1291.7	1236.9	1207.8
37.5°	6816.4	4200.8	3202.6	2202.8	1812.6	1420.7	1356.2	1290.1	1233.6	1175.6	1148.2
40°	6705.2	3999.2	3081.7	2162.5	1759.3	1354.6	1299.7	1244.9	1186.9	1127.2	1094.9
42.5°	6614.8	3863.8	2962.3	2060.9	1711.0	1359.4	1282.0	1203.0	1146.6	1090.1	1054.6
45°	6547.1	3775.1	2868.8	1962.5	1665.8	1369.1	1270.7	1172.4	1115.9	1057.9	1015.9
47.5°	6540.7	3728.3	2802.7	1877.1	1580.3	1282.0	1241.7	1201.4	1119.1	1035.3	986.9
50°	6629.4	3652.5	2725.3	1796.4	1498.1	1199.8	1254.6	1307.8	1167.5	1025.6	964.3
52.5°	6814.8	3518.7	2602.7	1686.8	1398.1	1107.8	1193.3	1277.2	1156.2	1033.7	954.7
55°	7039.0	3321.9	2417.3	1511.0	1265.9	1019.2	1094.9	1169.1	1093.3	1015.9	920.8
57.5°	7179.3	3073.6	2183.4	1293.3	1117.5	941.8	985.3	1027.2	996.6	965.9	869.2
60°	7095.4	2743.0	1920.6	1096.6	986.9	877.2	869.2	859.5	904.7	949.8	838.5
62.5°	6685.8	2401.1	1688.4	975.6	893.4	809.5	791.8	772.4	846.6	919.2	801.5
65°	5994.0	2162.5	1541.6	920.8	828.9	737.0	717.6	698.3	720.8	743.4	688.6
67.5°	5115.1	2015.7	1457.8	899.8	788.6	675.7	653.1	630.5	625.7	620.8	601.5
70°	4208.9	1925.4	1403.0	880.5	745.0	607.9	587.0	566.0	559.6	551.5	537.0
72.5°	3518.7	1914.1	1396.5	878.9	709.5	540.2	520.9	501.5	493.5	483.8	472.5
75°	2881.7	1796.4	1325.5	854.7	661.2	466.0	448.3	430.6	424.1	416.0	406.4
77.5°	2138.3	1486.8	1114.3	741.8	566.0	390.2	372.5	353.2	351.5	348.3	340.3
80°	1386.8	1075.6	796.6	517.6	412.8	306.4	291.9	275.8	277.4	279.0	272.5
82.5°	770.8	627.3	487.0	346.7	282.2	217.7	211.2	203.2	208.0	211.2	203.2
85°	406.4	316.1	261.2	206.4	162.9	119.3	119.3	117.7	124.2	130.6	124.2
87.5°	175.8	111.3	95.1	77.4	43.5	8.1	9.7	9.7	12.9	16.1	14.5
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: P320261
 CATALOG NUMBER: GAN-SA7D-727-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: P320261

CATALOG NUMBER: GAN-SA7D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9
2.5°	11109.1	10991.4	10872.1	10741.5	10765.7	10665.7	10565.7	10502.8	10439.9	10420.6	10401.2
5°	8977.3	8843.4	8708.0	8587.0	8691.9	8620.9	8550.0	8540.3	8529.0	8529.0	8527.4
7.5°	6642.3	6498.7	6353.6	6253.6	6356.8	6343.9	6331.0	6400.4	6469.7	6526.2	6581.0
10°	5397.3	5223.2	5047.4	4899.1	4873.2	4799.1	4723.3	4739.4	4753.9	4815.2	4876.5
12.5°	4691.0	4483.0	4275.0	4100.8	4021.8	3899.2	3775.1	3697.7	3620.3	3628.3	3634.8
15°	3886.3	3684.8	3481.6	3331.6	3281.6	3186.5	3091.3	2994.6	2896.2	2855.9	2814.0
17.5°	2972.0	2810.7	2647.9	2547.9	2547.9	2520.5	2493.1	2444.7	2394.7	2354.4	2312.5
20°	2178.6	2093.1	2006.1	1964.1	1977.0	1978.6	1978.6	2002.8	2027.0	2014.1	2001.2
22.5°	1802.9	1772.2	1741.6	1723.9	1730.3	1731.9	1733.5	1756.1	1777.1	1793.2	1807.7
25°	1627.1	1607.8	1588.4	1582.0	1596.5	1598.1	1598.1	1612.6	1627.1	1643.2	1659.4
27.5°	1490.0	1482.0	1473.9	1462.6	1477.1	1477.1	1475.5	1491.6	1506.2	1520.7	1533.6
30°	1359.4	1362.6	1364.3	1361.0	1370.7	1377.2	1382.0	1393.3	1403.0	1414.2	1425.5
32.5°	1267.5	1262.7	1257.8	1254.6	1275.6	1286.8	1298.1	1309.4	1319.1	1323.9	1328.8
35°	1178.8	1167.5	1156.2	1148.2	1167.5	1182.0	1196.5	1217.5	1236.9	1240.1	1243.3
37.5°	1119.1	1104.6	1090.1	1080.4	1088.5	1094.9	1101.4	1124.0	1146.6	1159.5	1170.7
40°	1062.7	1048.2	1033.7	1025.6	1030.4	1032.1	1033.7	1045.0	1054.6	1078.8	1101.4
42.5°	1017.5	999.8	982.1	972.4	975.6	978.8	980.5	978.8	977.2	999.8	1022.4
45°	972.4	953.0	933.7	922.4	924.0	924.0	924.0	920.8	916.0	927.2	938.5
47.5°	936.9	914.3	891.8	880.5	877.2	874.0	870.8	869.2	866.0	874.0	880.5
50°	901.4	877.2	851.4	838.5	830.5	827.3	824.0	822.4	819.2	827.3	833.7
52.5°	874.0	845.0	816.0	795.0	786.9	782.1	777.3	778.9	778.9	782.1	783.7
55°	825.6	799.8	772.4	757.9	743.4	740.2	737.0	741.8	745.0	745.0	745.0
57.5°	772.4	748.2	722.4	712.8	699.9	699.9	698.3	704.7	709.5	712.8	716.0
60°	725.7	698.3	670.8	662.8	657.9	656.3	654.7	662.8	669.2	675.7	682.1
62.5°	682.1	653.1	624.1	614.4	612.8	614.4	614.4	622.5	628.9	635.4	641.8
65°	633.7	604.7	574.1	564.4	567.6	572.5	577.3	583.8	588.6	595.0	601.5
67.5°	580.5	556.3	530.5	520.9	522.5	528.9	535.4	540.2	543.4	549.9	556.3
70°	522.5	501.5	480.6	474.1	472.5	480.6	487.0	490.2	493.5	501.5	508.0
72.5°	459.6	441.8	424.1	419.3	420.9	425.7	430.6	435.4	438.6	446.7	453.1
75°	395.1	379.0	362.8	359.6	362.8	367.7	372.5	375.7	379.0	388.6	396.7
77.5°	332.2	314.5	295.1	293.5	298.3	303.2	306.4	311.2	316.1	329.0	341.9
80°	266.1	246.7	225.8	224.2	229.0	233.8	238.7	243.5	248.3	264.5	279.0
82.5°	195.1	172.5	150.0	146.7	162.9	167.7	172.5	180.6	187.1	201.6	216.1
85°	117.7	95.1	72.6	71.0	85.5	93.5	101.6	111.3	119.3	132.2	145.1
87.5°	12.9	6.5	0.0	0.0	1.6	8.1	14.5	22.6	30.6	43.5	54.8
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: P320261
 CATALOG NUMBER: GAN-SA7D-727-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: P320261

CATALOG NUMBER: GAN-SA7D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9
2.5°	10330.3	10257.7	10331.9	10404.4	10435.1	10465.7	10386.7	10306.1	10431.9	10556.0	10588.3
5°	8462.9	8396.8	8446.8	8495.1	8387.1	8279.0	8267.8	8254.9	8348.4	8441.9	8456.4
7.5°	6560.0	6539.1	6585.8	6632.6	6495.5	6356.8	6289.1	6221.4	6244.0	6266.5	6263.3
10°	4891.0	4903.9	4961.9	5018.4	4912.0	4805.5	4758.8	4712.0	4763.6	4813.6	4860.3
12.5°	3663.8	3691.2	3752.5	3812.2	3768.6	3723.5	3728.3	3733.1	3792.8	3850.9	3902.5
15°	2846.2	2878.5	2922.0	2963.9	2965.6	2965.6	3007.5	3047.8	3043.0	3038.1	3073.6
17.5°	2356.0	2397.9	2402.8	2407.6	2409.2	2410.8	2407.6	2404.4	2380.2	2356.0	2383.4
20°	2017.4	2031.9	2044.8	2056.1	2041.5	2025.4	1985.1	1944.8	1928.7	1912.5	1938.3
22.5°	1835.1	1860.9	1848.0	1833.5	1804.5	1773.8	1743.2	1711.0	1709.3	1706.1	1720.6
25°	1681.9	1702.9	1680.3	1657.7	1636.8	1615.8	1594.9	1573.9	1572.3	1570.7	1577.1
27.5°	1554.5	1573.9	1552.9	1532.0	1514.2	1496.5	1480.4	1464.2	1461.0	1457.8	1459.4
30°	1444.9	1462.6	1444.9	1425.5	1412.6	1398.1	1386.8	1375.5	1373.9	1372.3	1372.3
32.5°	1346.5	1364.3	1351.4	1338.5	1327.2	1315.9	1307.8	1299.7	1291.7	1283.6	1265.9
35°	1261.0	1278.8	1270.7	1261.0	1248.1	1235.2	1220.7	1204.6	1183.6	1161.1	1151.4
37.5°	1188.5	1206.2	1198.2	1190.1	1172.4	1154.6	1128.8	1101.4	1094.9	1086.9	1085.3
40°	1130.4	1157.8	1141.7	1124.0	1096.6	1069.1	1056.2	1043.3	1040.1	1036.9	1033.7
42.5°	1065.9	1107.8	1078.8	1049.8	1024.0	998.2	995.0	991.7	990.1	988.5	988.5
45°	985.3	1030.4	1001.4	970.8	956.3	941.8	941.8	941.8	943.4	943.4	946.6
47.5°	909.5	936.9	922.4	907.9	899.8	891.8	893.4	895.0	899.8	903.1	911.1
50°	845.0	854.7	857.9	859.5	854.7	849.8	853.1	854.7	859.5	862.7	869.2
52.5°	798.2	812.7	812.7	811.1	811.1	811.1	814.4	817.6	822.4	827.3	833.7
55°	767.6	788.6	782.1	775.7	777.3	777.3	780.5	783.7	788.6	791.8	801.5
57.5°	738.6	761.1	754.7	748.2	748.2	748.2	749.9	751.5	756.3	759.5	766.0
60°	704.7	727.3	720.8	712.8	714.4	716.0	717.6	717.6	720.8	722.4	722.4
62.5°	664.4	687.0	680.5	672.5	677.3	680.5	680.5	680.5	683.7	685.4	680.5
65°	622.5	643.4	637.0	630.5	637.0	641.8	645.0	646.6	645.0	643.4	638.6
67.5°	577.3	598.3	591.8	583.8	591.8	598.3	604.7	609.6	604.7	599.9	593.4
70°	528.9	549.9	541.8	533.8	541.8	549.9	556.3	562.8	556.3	549.9	548.3
72.5°	477.3	501.5	491.8	482.2	491.8	501.5	504.7	508.0	503.1	498.3	495.1
75°	420.9	445.1	437.0	427.3	435.4	443.5	445.1	446.7	446.7	445.1	435.4
77.5°	361.2	380.6	375.7	370.9	375.7	380.6	380.6	380.6	382.2	382.2	369.3
80°	290.3	301.6	303.2	304.8	306.4	308.0	306.4	304.8	301.6	298.3	290.3
82.5°	216.1	216.1	229.0	240.3	240.3	238.7	237.1	233.8	227.4	219.3	201.6
85°	137.1	129.0	150.0	169.3	169.3	167.7	164.5	159.6	146.7	132.2	117.7
87.5°	46.8	38.7	59.7	80.6	82.2	82.2	79.0	75.8	62.9	48.4	37.1
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: P320261
 CATALOG NUMBER: GAN-SA7D-727-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: P320261

CATALOG NUMBER: GAN-SA7D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9
2.5°	10636.6	10657.6	10677.0	10835.0	10991.4	11175.3	11359.1	11499.4	11638.1	11781.6	11925.1
5°	8506.4	8532.2	8558.0	8749.9	8940.2	9196.6	9453.0	9673.9	9894.9	10154.5	10414.1
7.5°	6305.2	6361.7	6416.5	6621.3	6824.5	7100.2	7374.4	7663.0	7950.1	8288.7	8627.4
10°	4952.3	5058.7	5163.5	5373.2	5582.8	5855.3	6126.2	6427.8	6729.3	7063.1	7395.3
12.5°	4008.9	4150.8	4291.1	4542.7	4794.2	5120.0	5444.1	5779.5	6113.3	6406.8	6700.3
15°	3167.1	3321.9	3475.1	3741.2	4007.3	4365.3	4721.7	5087.7	5452.2	5803.7	6155.3
17.5°	2470.5	2597.9	2723.7	2949.4	3173.6	3520.3	3867.0	4250.8	4634.6	5063.5	5490.9
20°	1993.2	2046.4	2099.6	2262.5	2423.7	2705.9	2986.5	3378.4	3770.2	4283.0	4795.8
22.5°	1746.4	1773.8	1799.7	1878.7	1956.1	2138.3	2318.9	2665.6	3010.7	3570.3	4128.2
25°	1598.1	1619.0	1640.0	1691.6	1743.2	1830.3	1917.4	2160.9	2404.4	2954.3	3502.5
27.5°	1464.2	1496.5	1527.1	1551.3	1573.9	1633.6	1691.6	1851.3	2010.9	2523.7	3034.9
30°	1367.5	1378.8	1390.1	1427.1	1462.6	1523.9	1585.2	1696.4	1807.7	2241.5	2673.7
32.5°	1254.6	1270.7	1286.8	1325.5	1364.3	1420.7	1477.1	1567.4	1656.1	2027.0	2396.3
35°	1153.0	1169.1	1185.3	1224.0	1261.0	1322.3	1382.0	1457.8	1532.0	1854.5	2177.0
37.5°	1090.1	1106.2	1122.4	1156.2	1188.5	1249.8	1309.4	1369.1	1427.1	1725.5	2023.8
40°	1036.9	1053.0	1069.1	1101.4	1132.0	1191.7	1249.8	1299.7	1349.7	1628.7	1907.7
42.5°	990.1	1007.9	1025.6	1057.9	1088.5	1141.7	1194.9	1261.0	1325.5	1544.9	1762.6
45°	951.4	969.2	985.3	1020.8	1056.2	1107.8	1159.5	1251.4	1343.3	1501.3	1659.4
47.5°	916.0	935.3	953.0	991.7	1030.4	1094.9	1157.8	1235.2	1311.0	1467.5	1623.9
50°	882.1	904.7	927.2	974.0	1019.2	1127.2	1233.6	1244.9	1254.6	1440.0	1623.9
52.5°	849.8	875.6	901.4	959.5	1015.9	1141.7	1267.5	1227.2	1185.3	1388.4	1591.6
55°	817.6	840.2	861.1	932.1	1003.0	1094.9	1186.9	1133.7	1078.8	1291.7	1504.5
57.5°	774.0	798.2	820.8	896.6	972.4	1036.9	1099.8	1051.4	1001.4	1182.0	1361.0
60°	728.9	756.3	783.7	880.5	975.6	964.3	951.4	941.8	930.5	1059.5	1188.5
62.5°	688.6	717.6	746.6	872.4	998.2	920.8	843.4	851.4	857.9	953.0	1048.2
65°	648.3	677.3	704.7	767.6	830.5	799.8	769.2	782.1	793.4	886.9	980.5
67.5°	603.1	628.9	653.1	674.1	695.0	698.3	701.5	714.4	727.3	838.5	948.2
70°	553.1	574.1	595.0	609.6	622.5	628.9	633.7	649.9	666.0	786.9	907.9
72.5°	496.7	514.4	530.5	543.4	556.3	561.2	564.4	580.5	596.7	725.7	854.7
75°	435.4	449.9	462.8	474.1	485.4	491.8	498.3	509.6	520.9	661.2	799.8
77.5°	367.7	382.2	395.1	404.8	412.8	419.3	424.1	438.6	453.1	570.9	687.0
80°	287.0	304.8	320.9	329.0	335.4	337.0	337.0	349.9	362.8	446.7	528.9
82.5°	203.2	222.5	240.3	246.7	253.2	253.2	253.2	267.7	282.2	338.6	393.5
85°	119.3	140.3	159.6	166.1	172.5	175.8	177.4	183.8	188.7	229.0	267.7
87.5°	37.1	54.8	71.0	74.2	77.4	83.9	90.3	91.9	91.9	119.3	146.7
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



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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: P320261

CATALOG NUMBER: GAN-SA7D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9	12287.9
2.5°	12089.6	12254.1	12446.0	12636.3	12799.1	12962.0	13097.5
5°	10744.7	11075.3	11480.0	11883.2	12242.8	12602.4	13020.1
7.5°	9054.7	9482.0	10006.1	10530.2	11038.2	11544.5	12186.3
10°	7830.7	8264.5	8819.3	9372.4	9943.2	10512.5	11238.1
12.5°	7053.5	7405.0	7942.0	8479.0	9149.8	9819.1	10517.3
15°	6540.7	6924.5	7446.9	7969.4	8703.2	9436.9	10240.0
17.5°	5994.0	6495.5	7164.7	7834.0	8703.2	9570.7	10517.3
20°	5421.5	6045.6	6913.2	7780.8	8951.5	10120.6	11328.5
22.5°	4850.7	5573.1	6685.8	7796.9	9327.2	10856.0	12486.3
25°	4336.3	5170.0	6547.1	7922.7	9873.9	11823.5	13845.7
27.5°	3946.0	4855.5	6490.7	8124.2	10567.3	13010.4	15324.5
30°	3599.3	4524.9	6422.9	8321.0	11234.9	14147.3	16480.7
32.5°	3299.4	4202.4	6292.3	8380.6	11701.0	15021.3	17459.5
35°	3063.9	3950.8	6073.0	8195.2	11992.8	15790.5	18478.7
37.5°	2860.7	3697.7	5823.1	7948.5	12252.5	16556.5	19625.2
40°	2667.2	3426.8	5608.6	7788.8	12610.5	17432.1	20836.3
42.5°	2483.4	3204.2	5436.0	7667.9	12942.7	18215.8	21895.8
45°	2346.3	3033.3	5282.8	7530.8	13157.1	18783.5	22694.0
47.5°	2278.6	2931.7	5200.6	7467.9	13371.6	19273.7	23356.8
50°	2268.9	2914.0	5294.1	7674.3	13836.0	19996.1	24114.7
52.5°	2267.3	2943.0	5563.4	8183.9	14698.8	21212.0	24935.5
55°	2233.4	2960.7	5884.3	8806.4	15856.6	22905.2	26411.0
57.5°	2130.2	2899.4	6214.9	9528.8	17080.6	24630.7	28073.6
60°	1970.6	2751.1	6487.5	10222.2	17903.0	25582.1	28713.8
62.5°	1770.6	2491.5	6577.8	10662.5	17880.4	25098.4	28068.8
65°	1599.7	2218.9	6281.0	10341.5	16975.7	23608.3	26793.2
67.5°	1448.1	1946.4	5539.2	9130.5	15348.6	21565.2	25170.9
70°	1338.5	1767.4	4583.0	7398.6	13311.9	19223.7	23292.3
72.5°	1269.1	1681.9	3736.4	5789.2	10802.7	15814.7	19923.6
75°	1174.0	1548.1	2931.7	4313.7	8267.8	12221.8	15048.7
77.5°	996.6	1304.6	2209.2	3113.9	6066.6	9017.6	10465.7
80°	769.2	1007.9	1519.1	2030.3	4175.0	6319.7	7135.7
82.5°	548.3	703.1	920.8	1138.5	2773.7	4407.2	4474.9
85°	338.6	409.6	527.3	645.0	1835.1	3025.2	2520.5
87.5°	182.2	217.7	279.0	338.6	587.0	835.3	480.6
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: P320261
 CATALOG NUMBER: GAN-SA7D-727-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)