

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: P320262

Luminaire Tested: **GAN-SA8D-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320262
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-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 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: 45701 lumens
Efficiency: N/A
Efficacy: 89.4 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): 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

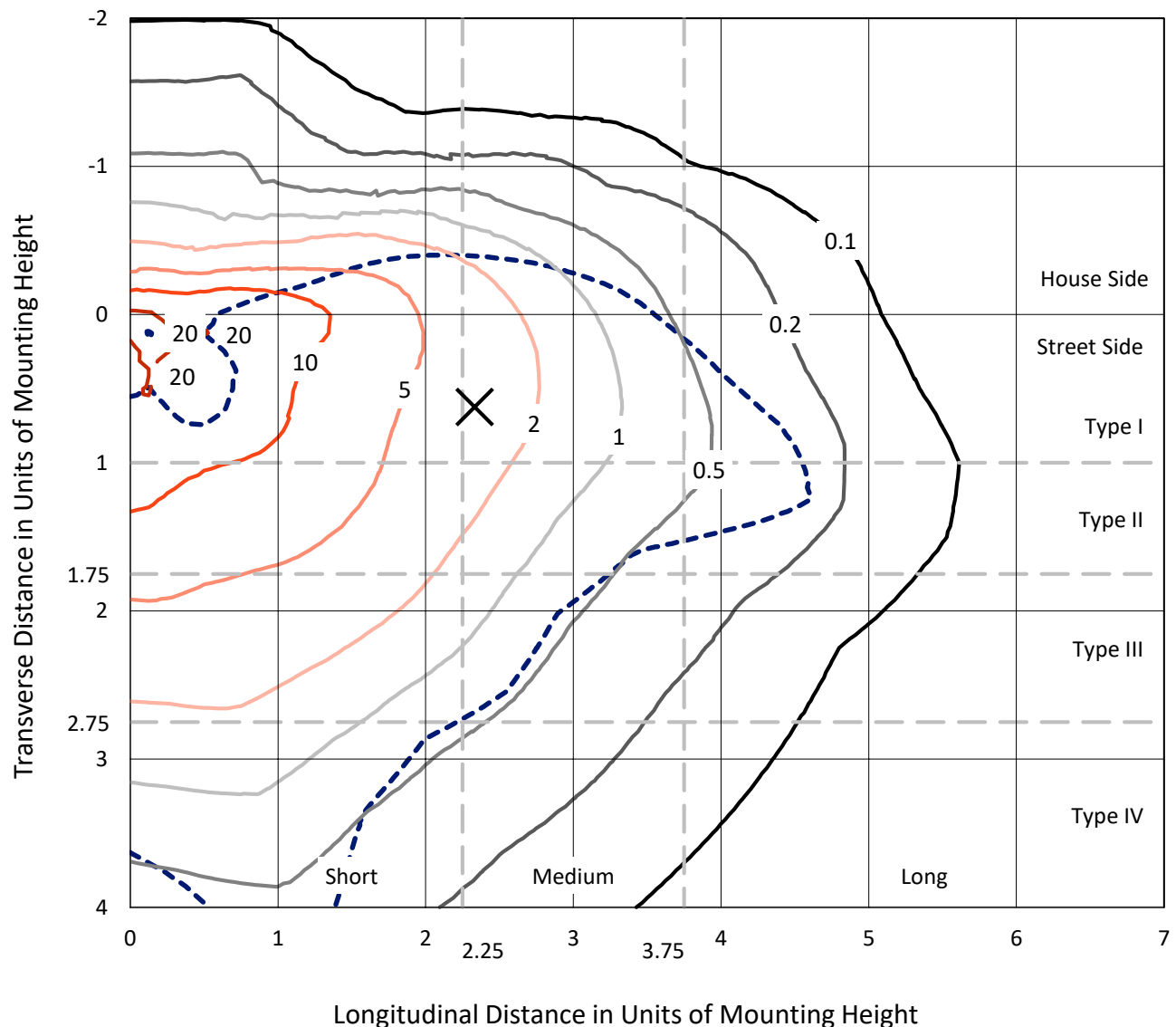


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Iso-Footcandle Lines of Horizontal Illumination

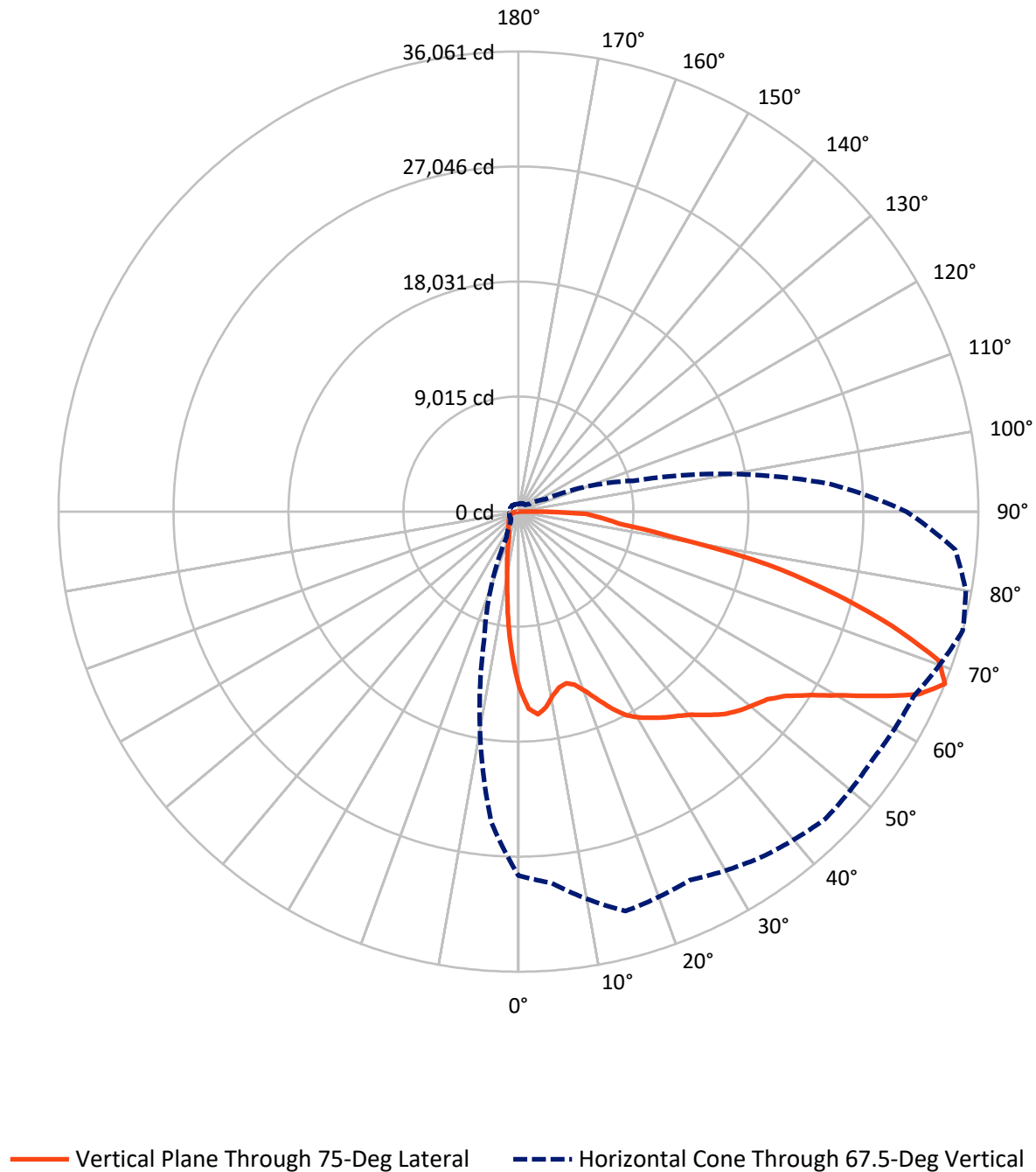
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 28 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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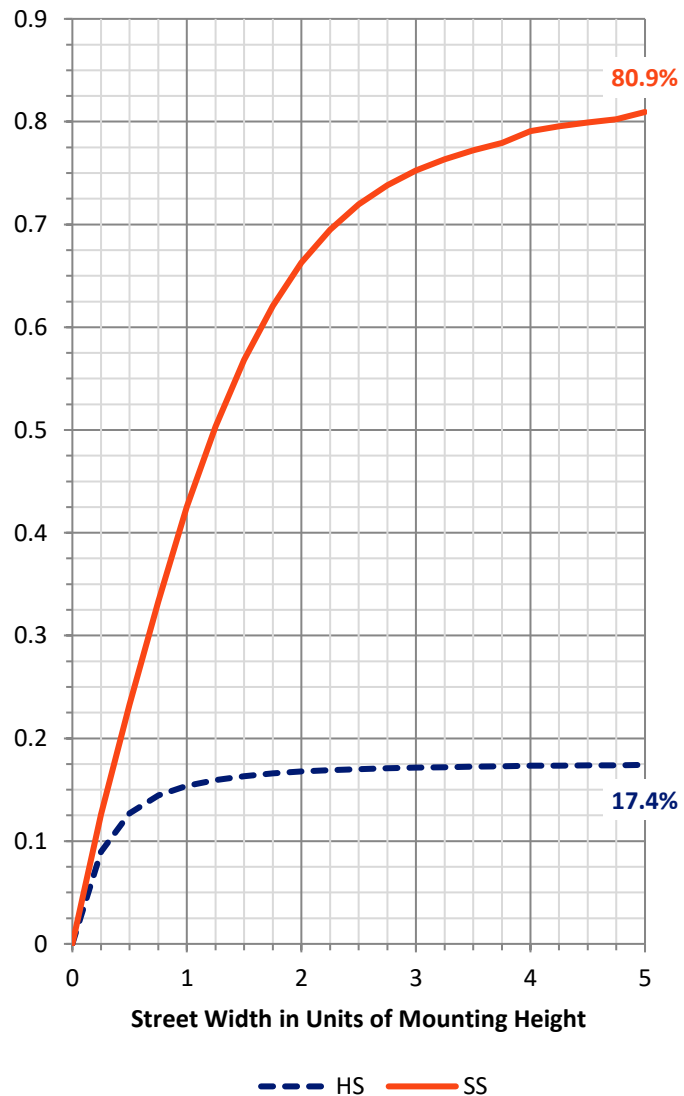
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8049.1	0.0	8049.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	37651.9	0.0	37651.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	45701.0	0.0	45701.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1074.5	2.4
10°-20°	2232.3	4.9
20°-30°	3174.8	6.9
30°-40°	4574.8	10.0
40°-50°	6447.2	14.1
50°-60°	8962.7	19.6
60°-70°	10838.6	23.7
70°-80°	6662.4	14.6
80°-90°	1733.7	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°	45701.0	100.0
0°-180°	45701.0	100.0

Coefficient of Utilization



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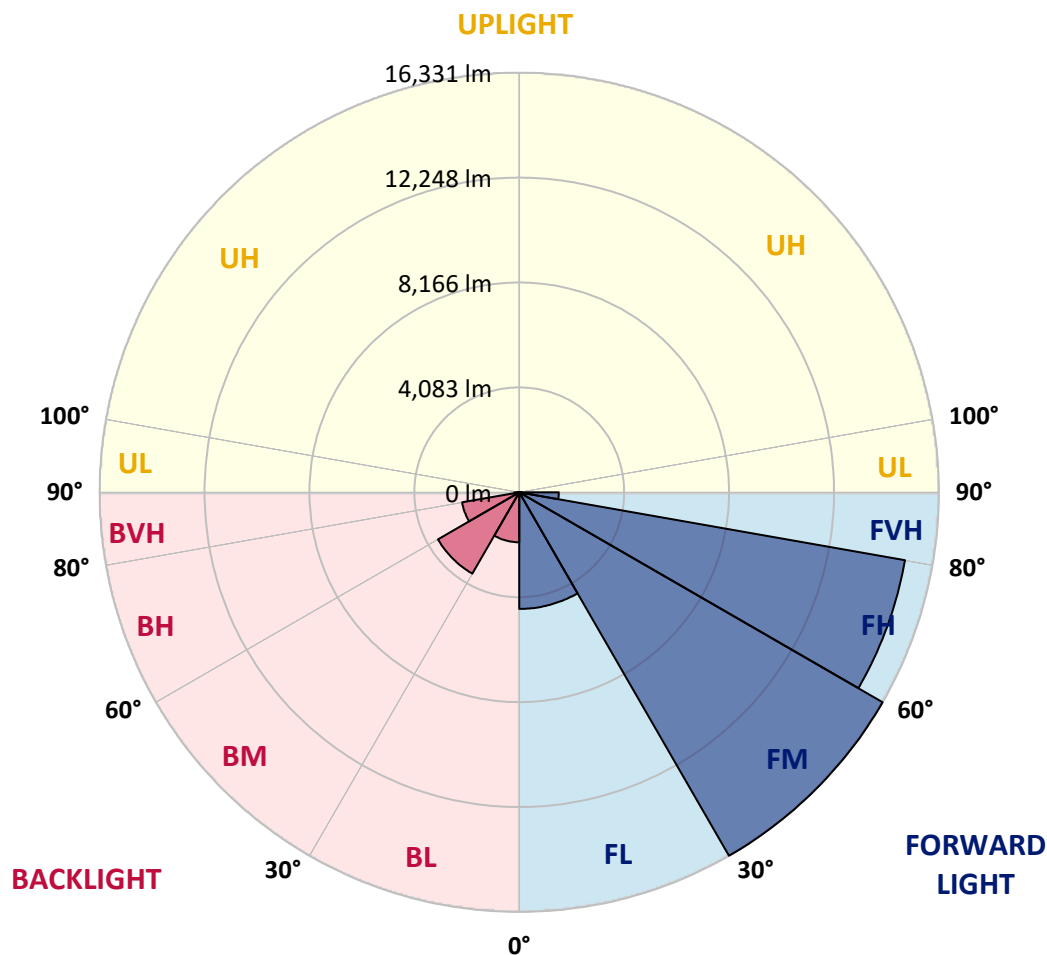
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4537.6	9.9			
FM	(30°-60°)	16331.1	35.7			
FH	(60°-80°)	15244.3	33.4			G5
FVH	(80°-90°)	1538.9	3.4			G5
BL	(0°-30°)	1943.9	4.3	B3/2500		
BM	(30°-60°)	3653.7	8.0	B3/5000		
BH	(60°-80°)	2256.7	4.9	B3/2500		G3/2500
BVH	(80°-90°)	194.8	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0
2.5°	14840.3	15035.8	15171.0	15304.4	15408.5	15510.8	15660.7	15810.5	15839.7	15867.1	15808.7
5°	14752.6	15229.4	15635.1	16038.9	16413.5	16788.0	17012.8	17237.5	17283.2	17328.9	17188.2
7.5°	13807.9	14511.4	15214.8	15918.3	16563.3	17208.3	17601.1	17992.1	18081.7	18169.4	17939.1
10°	12733.5	13552.1	14416.4	15280.6	16130.2	16979.9	17548.1	18116.4	18229.7	18342.9	18056.1
12.5°	11916.8	12810.3	13733.0	14655.7	15552.9	16448.2	17036.5	17624.9	17765.6	17906.3	17698.0
15°	11602.5	12581.9	13449.8	14317.7	15099.7	15879.9	16362.3	16842.8	16901.3	16958.0	16925.1
17.5°	11916.8	12996.6	13782.3	14566.2	14991.9	15415.8	15609.5	15801.4	15865.3	15927.4	16011.5
20°	12835.9	14001.6	14555.2	15107.0	15088.8	15068.7	14975.5	14880.5	14864.0	14847.6	15085.1
22.5°	14147.8	15501.7	15722.8	15942.0	15428.6	14915.2	14602.7	14288.5	14226.3	14162.4	14414.5
25°	15688.1	17129.7	17089.5	17047.5	16069.9	15090.6	14494.9	13899.3	13829.8	13760.4	13976.0
27.5°	17363.6	18741.3	18478.2	18215.0	16886.7	15558.3	14694.1	13829.8	13760.4	13691.0	13881.0
30°	18673.7	19923.4	19501.4	19079.3	17575.5	16071.8	15044.9	14018.0	13904.8	13789.6	14023.5
32.5°	19782.8	20846.2	20279.7	19713.3	18134.6	16556.0	15445.1	14334.1	14156.9	13979.7	14292.1
35°	20937.5	21767.1	20970.4	20171.9	18633.5	17093.2	15918.3	14741.6	14524.2	14306.7	14736.1
37.5°	22236.6	22925.5	21781.7	20636.0	19194.4	17752.8	16627.2	15499.9	15277.0	15054.0	15602.2
40°	23608.8	24182.6	22656.9	21131.2	19808.3	18485.5	17608.4	16729.6	16517.6	16303.8	16968.9
42.5°	24809.3	25227.7	23471.8	21715.9	20548.3	19378.9	18761.4	18142.0	18140.1	18136.5	18810.7
45°	25713.7	26077.3	24151.5	22223.9	21270.1	20314.5	19992.9	19671.3	19928.9	20186.6	20796.8
47.5°	26464.7	26711.4	24721.6	22730.0	22095.9	21461.9	21509.4	21556.9	22081.3	22605.7	22998.6
50°	27323.5	27124.3	25238.7	23351.2	23155.7	22960.2	23387.8	23813.5	24416.5	25017.6	25284.4
52.5°	28253.5	27725.5	25940.3	24153.3	24372.6	24591.9	25461.6	26331.3	26939.8	27548.2	27648.7
55°	29925.4	29115.9	27230.3	25342.8	25764.9	26185.2	27462.3	28737.7	29212.8	29687.8	29724.4
57.5°	31809.2	31091.1	29037.4	26983.6	27436.8	27889.9	29364.4	30837.1	31350.6	31862.2	31790.9
60°	32534.6	32569.3	30753.1	28935.0	29391.8	29848.6	31284.8	32720.9	33311.1	33899.5	33742.3
62.5°	31803.7	32660.6	31690.4	30718.4	31133.1	31546.1	32953.0	34359.9	34964.7	35569.5	35295.4
65°	30358.4	31208.0	31642.9	32077.8	32214.8	32351.8	33665.6	34977.5	35441.6	35903.9	35765.0
67.5°	28520.3	29207.3	30811.5	32414.0	32138.1	31862.2	32477.9	33093.7	33570.6	34047.5	33968.9
70°	26391.6	27210.2	29349.8	31489.4	30133.7	28776.1	28522.1	28268.1	28783.4	29296.8	28978.9
72.5°	22574.7	23809.8	26092.0	28372.3	25874.5	23376.8	22508.9	21641.0	22293.3	22945.6	22439.5
75°	17051.1	18690.1	21211.6	23731.3	20751.2	17771.0	16612.6	15454.2	16015.1	16576.1	16228.9
77.5°	11858.3	13913.9	16397.0	18880.1	15850.7	12819.4	11958.8	11096.4	11264.5	11430.8	11372.3
80°	8085.2	9437.3	11169.5	12899.8	10882.6	8865.4	8933.0	8998.8	8920.2	8839.8	8956.8
82.5°	5070.4	6022.3	7359.8	8695.5	7624.8	6554.1	7168.0	7781.9	7480.4	7177.1	7290.4
85°	2855.9	3436.9	4745.2	6051.6	5640.5	5227.5	5587.5	5945.6	5477.9	5010.1	5216.6
87.5°	544.5	906.3	2625.6	4343.2	3943.0	3542.9	3078.8	2614.7	1995.3	1375.9	2009.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0
2.5°	15750.2	15719.1	15688.1	15576.6	15463.3	15295.2	15156.4	14915.2	14783.6	14584.5	14385.3
5°	17045.7	16848.3	16651.0	16311.1	15969.5	15589.4	15152.7	14668.5	14303.1	13828.0	13352.9
7.5°	17708.9	17248.5	16786.2	16133.9	15479.8	14891.4	14200.8	13557.6	13009.4	12391.9	11774.3
10°	17769.2	17078.5	16386.0	15538.2	14688.6	13974.2	13179.4	12464.9	11807.2	11098.2	10387.5
12.5°	17487.8	16753.3	16017.0	15083.3	14147.8	13336.5	12481.4	11681.1	10952.0	10171.8	9389.8
15°	16892.2	16305.7	15717.3	14842.1	13966.9	13148.3	12318.8	11370.5	10546.4	9747.9	8947.6
17.5°	16093.7	15816.0	15536.4	14904.2	14270.2	13561.2	12757.3	11644.5	10679.8	9811.9	8944.0
20°	15320.8	15423.1	15523.6	15271.5	15019.3	14451.1	13749.4	12499.7	11268.1	10133.5	8997.0
22.5°	14664.9	15156.4	15646.0	15841.6	16035.2	15693.6	15145.4	13700.1	12070.3	10588.4	9106.6
25°	14189.8	15004.7	15819.6	16470.1	17118.7	16967.1	16545.0	15158.2	13133.7	11244.4	9353.3
27.5°	14071.0	15070.5	16069.9	17078.5	18085.3	18226.0	18109.1	16694.8	14401.7	12059.3	9715.1
30°	14257.4	15269.6	16280.1	17507.9	18734.0	19294.9	19452.0	17975.7	15850.7	13009.4	10166.4
32.5°	14604.6	15596.7	16588.9	17926.3	19262.0	20109.8	20610.5	19146.9	16861.1	13725.7	10588.4
35°	15165.5	16093.7	17021.9	18414.2	19806.5	20902.8	21816.4	20356.5	17758.3	14226.3	10692.6
37.5°	16148.5	16947.0	17745.5	19031.8	20316.3	21737.8	23110.0	21688.5	18728.5	14708.7	10687.1
40°	17634.0	18198.6	18761.4	19848.5	20933.9	22722.7	24575.4	23174.0	19801.0	15231.3	10661.5
42.5°	19484.9	19775.4	20064.1	20924.7	21785.3	23751.4	25905.6	24626.6	20824.2	15717.3	10610.4
45°	21405.3	21482.0	21558.8	22101.4	22642.3	24566.3	26811.9	25717.4	21717.7	16139.4	10559.2
47.5°	23389.6	23126.5	22863.4	23079.0	23294.6	25191.2	27458.7	26545.1	22614.9	16607.1	10597.6
50°	25551.1	24818.4	24085.7	23972.5	23859.2	25816.1	28220.6	27597.6	23692.9	17288.7	10884.4
52.5°	27747.4	26539.6	25331.9	24884.2	24434.7	26561.5	29231.0	28907.6	25231.4	18344.8	11456.3
55°	29760.9	28224.3	26687.6	26084.7	25481.7	27701.7	30464.4	30831.6	27202.9	19695.0	12185.4
57.5°	31717.8	29976.5	28235.2	27676.1	27117.0	29377.2	32026.6	32558.3	29194.5	20990.5	12784.7
60°	33585.2	31862.2	30137.3	29689.7	29240.2	31460.2	33714.9	33327.6	30221.4	21597.1	12971.1
62.5°	35021.3	33651.0	32280.6	32044.9	31807.3	33566.9	35012.2	33027.9	29569.1	20999.6	12430.2
65°	35626.1	34845.9	34063.9	34285.0	34504.2	35160.2	35335.6	32150.9	27519.0	19326.0	11132.9
67.5°	33888.5	34047.5	34206.4	35134.6	36061.0	35609.7	34374.5	30422.4	24601.0	16954.3	9307.6
70°	28659.1	29612.9	30564.9	32761.1	34955.6	33954.3	31800.0	27319.8	21089.2	14222.7	7354.4
72.5°	21931.5	23004.1	24074.8	27334.4	30592.3	29669.6	27031.1	22439.5	16908.6	11357.7	5804.9
75°	15879.9	17091.3	18300.9	21896.8	25492.7	24211.8	20219.4	16066.3	12843.2	8669.9	4494.8
77.5°	11312.0	12123.3	12934.5	16486.5	20036.7	17950.1	13458.9	10811.4	8889.2	6026.0	3161.0
80°	9073.7	8825.2	8576.7	10555.6	12534.4	12187.2	8902.0	6943.2	6152.1	4038.0	1924.0
82.5°	7401.9	6795.2	6188.6	7120.5	8052.3	8001.2	6177.7	5094.1	4578.9	2806.5	1034.2
85°	5421.2	5178.2	4935.2	5759.2	6583.3	5879.8	4184.2	3237.7	3570.3	2066.5	562.8
87.5°	2643.9	3020.3	3394.9	4366.9	5337.2	4007.0	1269.9	628.5	869.7	571.9	272.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320262

CATALOG NUMBER: GAN-SA8D-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: P320262

CATALOG NUMBER: GAN-SA8D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0
2.5°	14237.3	14087.5	13917.5	13747.6	13553.9	13358.4	13243.3	13126.4	13000.3	12874.2	12731.7
5°	13038.7	12724.4	12368.1	12011.8	11659.2	11306.5	11116.5	10926.5	10725.5	10522.7	10347.3
7.5°	11317.5	10858.9	10365.5	9870.4	9431.8	8991.5	8719.2	8445.2	8196.7	7946.4	7736.2
10°	9802.8	9218.1	8722.9	8225.9	7895.2	7564.5	7314.2	7063.8	6822.6	6579.6	6347.6
12.5°	8805.1	8220.4	7906.2	7591.9	7317.8	7043.7	6755.0	6464.5	6133.8	5801.3	5558.2
15°	8415.9	7884.2	7535.2	7184.4	6817.2	6448.1	6093.6	5739.1	5348.1	4957.1	4681.2
17.5°	8247.8	7551.7	7063.8	6574.2	6090.0	5605.8	5194.6	4783.5	4356.0	3928.4	3648.9
20°	8070.6	7144.2	6490.1	5834.1	5212.9	4591.7	4125.7	3659.8	3277.9	2896.1	2682.3
22.5°	7909.8	6711.2	5890.8	5068.6	4334.0	3599.5	3142.7	2684.1	2450.2	2216.4	2130.5
25°	7844.0	6333.0	5324.4	4315.8	3541.1	2764.5	2439.3	2114.0	2024.5	1933.1	1889.3
27.5°	7855.0	5994.9	4847.5	3698.2	3000.2	2302.2	2079.3	1856.4	1801.6	1744.9	1717.5
30°	7897.0	5627.7	4398.0	3168.3	2592.8	2017.2	1872.8	1726.7	1668.2	1609.7	1575.0
32.5°	7944.5	5298.8	4050.8	2801.0	2331.5	1860.1	1741.3	1620.7	1564.1	1507.4	1472.7
35°	7862.3	5030.2	3813.3	2596.4	2163.4	1728.5	1628.0	1525.7	1463.6	1401.4	1368.5
37.5°	7723.4	4759.8	3628.8	2495.9	2053.7	1609.7	1536.6	1461.7	1397.8	1332.0	1300.9
40°	7597.4	4531.4	3491.7	2450.2	1993.4	1534.8	1472.7	1410.6	1344.8	1277.2	1240.6
42.5°	7495.0	4377.9	3356.5	2335.1	1938.6	1540.3	1452.6	1363.1	1299.1	1235.2	1195.0
45°	7418.3	4277.4	3250.5	2223.7	1887.5	1551.3	1439.8	1328.4	1264.4	1198.6	1151.1
47.5°	7411.0	4224.4	3175.6	2126.8	1790.6	1452.6	1406.9	1361.2	1268.1	1173.0	1118.2
50°	7511.5	4138.5	3087.9	2035.5	1697.4	1359.4	1421.5	1481.8	1322.9	1162.1	1092.6
52.5°	7721.6	3986.9	2949.0	1911.2	1584.2	1255.3	1352.1	1447.1	1310.1	1171.2	1081.7
55°	7975.6	3764.0	2738.9	1712.1	1434.3	1154.8	1240.6	1324.7	1238.8	1151.1	1043.3
57.5°	8134.6	3482.6	2474.0	1465.4	1266.2	1067.1	1116.4	1163.9	1129.2	1094.5	984.8
60°	8039.5	3108.0	2176.2	1242.5	1118.2	994.0	984.8	973.9	1025.0	1076.2	950.1
62.5°	7575.4	2720.7	1913.0	1105.4	1012.3	917.2	897.1	875.2	959.3	1041.5	908.1
65°	6791.6	2450.2	1746.8	1043.3	939.2	835.0	813.1	791.2	816.7	842.3	780.2
67.5°	5795.8	2284.0	1651.8	1019.6	893.5	765.6	740.0	714.4	708.9	703.5	681.5
70°	4768.9	2181.6	1589.6	997.6	844.2	688.8	665.1	641.3	634.0	624.9	608.4
72.5°	3986.9	2168.8	1582.3	995.8	804.0	612.1	590.2	568.2	559.1	548.2	535.4
75°	3265.2	2035.5	1501.9	968.4	749.1	528.1	508.0	487.9	480.5	471.4	460.4
77.5°	2422.8	1684.6	1262.6	840.5	641.3	442.2	422.1	400.1	398.3	394.7	385.5
80°	1571.4	1218.7	902.6	586.5	467.8	347.2	330.7	312.4	314.3	316.1	308.8
82.5°	873.4	710.8	551.8	392.8	319.8	246.7	239.4	230.2	235.7	239.4	230.2
85°	460.4	358.1	296.0	233.9	184.5	135.2	135.2	133.4	140.7	148.0	140.7
87.5°	199.2	126.1	107.8	87.7	49.3	9.1	11.0	11.0	14.6	18.3	16.4
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: P320262
 CATALOG NUMBER: GAN-SA8D-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: P320262

CATALOG NUMBER: GAN-SA8D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0
2.5°	12587.4	12454.0	12318.8	12170.8	12198.2	12084.9	11971.6	11900.3	11829.1	11807.2	11785.2
5°	10171.8	10020.2	9866.7	9729.7	9848.4	9768.0	9687.6	9676.7	9663.9	9663.9	9662.1
7.5°	7526.1	7363.5	7199.0	7085.8	7202.7	7188.1	7173.5	7252.0	7330.6	7394.6	7456.7
10°	6115.5	5918.2	5719.0	5550.9	5521.7	5437.7	5351.8	5370.0	5386.5	5455.9	5525.4
12.5°	5315.2	5079.5	4843.8	4646.5	4557.0	4418.1	4277.4	4189.7	4102.0	4111.1	4118.4
15°	4403.5	4175.1	3944.9	3774.9	3718.3	3610.5	3502.7	3393.1	3281.6	3235.9	3188.4
17.5°	3367.5	3184.8	3000.2	2886.9	2886.9	2855.9	2824.8	2770.0	2713.3	2667.7	2620.2
20°	2468.5	2371.7	2273.0	2225.5	2240.1	2241.9	2241.9	2269.3	2296.8	2282.1	2267.5
22.5°	2042.8	2008.1	1973.3	1953.2	1960.6	1962.4	1964.2	1989.8	2013.5	2031.8	2048.3
25°	1843.6	1821.7	1799.8	1792.5	1808.9	1810.7	1810.7	1827.2	1843.6	1861.9	1880.2
27.5°	1688.3	1679.2	1670.0	1657.2	1673.7	1673.7	1671.9	1690.1	1706.6	1723.0	1737.6
30°	1540.3	1544.0	1545.8	1542.1	1553.1	1560.4	1565.9	1578.7	1589.6	1602.4	1615.2
32.5°	1436.2	1430.7	1425.2	1421.5	1445.3	1458.1	1470.9	1483.7	1494.6	1500.1	1505.6
35°	1335.7	1322.9	1310.1	1300.9	1322.9	1339.3	1355.8	1379.5	1401.4	1405.1	1408.7
37.5°	1268.1	1251.6	1235.2	1224.2	1233.3	1240.6	1248.0	1273.5	1299.1	1313.7	1326.5
40°	1204.1	1187.7	1171.2	1162.1	1167.6	1169.4	1171.2	1184.0	1195.0	1222.4	1248.0
42.5°	1152.9	1132.8	1112.7	1101.8	1105.4	1109.1	1110.9	1109.1	1107.3	1132.8	1158.4
45°	1101.8	1079.9	1057.9	1045.1	1047.0	1047.0	1047.0	1043.3	1037.8	1050.6	1063.4
47.5°	1061.6	1036.0	1010.4	997.6	994.0	990.3	986.7	984.8	981.2	990.3	997.6
50°	1021.4	994.0	964.7	950.1	941.0	937.3	933.7	931.9	928.2	937.3	944.6
52.5°	990.3	957.4	924.5	900.8	891.7	886.2	880.7	882.5	882.5	886.2	888.0
55°	935.5	906.3	875.2	858.8	842.3	838.7	835.0	840.5	844.2	844.2	844.2
57.5°	875.2	847.8	818.6	807.6	793.0	793.0	791.2	798.5	804.0	807.6	811.3
60°	822.2	791.2	760.1	751.0	745.5	743.7	741.8	751.0	758.3	765.6	772.9
62.5°	772.9	740.0	707.1	696.2	694.3	696.2	696.2	705.3	712.6	719.9	727.2
65°	718.1	685.2	650.5	639.5	643.2	648.6	654.1	661.4	666.9	674.2	681.5
67.5°	657.8	630.4	601.1	590.2	592.0	599.3	606.6	612.1	615.8	623.1	630.4
70°	592.0	568.2	544.5	537.2	535.4	544.5	551.8	555.5	559.1	568.2	575.6
72.5°	520.7	500.6	480.5	475.1	476.9	482.4	487.9	493.3	497.0	506.1	513.4
75°	447.7	429.4	411.1	407.5	411.1	416.6	422.1	425.7	429.4	440.3	449.5
77.5°	376.4	356.3	334.4	332.5	338.0	343.5	347.2	352.6	358.1	372.7	387.4
80°	301.5	279.6	255.8	254.0	259.5	264.9	270.4	275.9	281.4	299.7	316.1
82.5°	221.1	195.5	169.9	166.3	184.5	190.0	195.5	204.6	212.0	228.4	244.8
85°	133.4	107.8	82.2	80.4	96.8	106.0	115.1	126.1	135.2	149.8	164.4
87.5°	14.6	7.3	0.0	0.0	1.8	9.1	16.4	25.6	34.7	49.3	62.1
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: P320262
 CATALOG NUMBER: GAN-SA8D-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: P320262

CATALOG NUMBER: GAN-SA8D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0
2.5°	11704.8	11622.6	11706.7	11788.9	11823.6	11858.3	11768.8	11677.4	11820.0	11960.6	11997.2
5°	9589.0	9514.1	9570.7	9625.5	9503.1	9380.7	9367.9	9353.3	9459.3	9565.2	9581.7
7.5°	7432.9	7409.2	7462.2	7515.1	7359.8	7202.7	7126.0	7049.2	7074.8	7100.4	7096.7
10°	5541.8	5556.4	5622.2	5686.1	5565.6	5445.0	5392.0	5339.0	5397.5	5454.1	5507.1
12.5°	4151.3	4182.4	4251.8	4319.4	4270.1	4218.9	4224.4	4229.9	4297.5	4363.3	4421.7
15°	3225.0	3261.5	3310.8	3358.3	3360.2	3360.2	3407.7	3453.3	3447.9	3442.4	3482.6
17.5°	2669.5	2717.0	2722.5	2728.0	2729.8	2731.6	2728.0	2724.3	2696.9	2669.5	2700.6
20°	2285.8	2302.2	2316.8	2329.6	2313.2	2294.9	2249.2	2203.6	2185.3	2167.0	2196.3
22.5°	2079.3	2108.6	2093.9	2077.5	2044.6	2009.9	1975.2	1938.6	1936.8	1933.1	1949.6
25°	1905.7	1929.5	1903.9	1878.3	1854.6	1830.8	1807.1	1783.3	1781.5	1779.7	1787.0
27.5°	1761.4	1783.3	1759.6	1735.8	1715.7	1695.6	1677.3	1659.1	1655.4	1651.8	1653.6
30°	1637.1	1657.2	1637.1	1615.2	1600.6	1584.2	1571.4	1558.6	1556.7	1554.9	1554.9
32.5°	1525.7	1545.8	1531.2	1516.5	1503.8	1491.0	1481.8	1472.7	1463.6	1454.4	1434.3
35°	1428.8	1448.9	1439.8	1428.8	1414.2	1399.6	1383.2	1364.9	1341.1	1315.6	1304.6
37.5°	1346.6	1366.7	1357.6	1348.5	1328.4	1308.3	1279.0	1248.0	1240.6	1231.5	1229.7
40°	1280.8	1311.9	1293.6	1273.5	1242.5	1211.4	1196.8	1182.2	1178.5	1174.9	1171.2
42.5°	1207.8	1255.3	1222.4	1189.5	1160.3	1131.0	1127.4	1123.7	1121.9	1120.1	1120.1
45°	1116.4	1167.6	1134.7	1100.0	1083.5	1067.1	1067.1	1067.1	1068.9	1068.9	1072.5
47.5°	1030.5	1061.6	1045.1	1028.7	1019.6	1010.4	1012.3	1014.1	1019.6	1023.2	1032.4
50°	957.4	968.4	972.1	973.9	968.4	962.9	966.6	968.4	973.9	977.5	984.8
52.5°	904.4	920.9	920.9	919.1	919.1	919.1	922.7	926.4	931.9	937.3	944.6
55°	869.7	893.5	886.2	878.9	880.7	880.7	884.3	888.0	893.5	897.1	908.1
57.5°	836.8	862.4	855.1	847.8	847.8	847.8	849.6	851.5	856.9	860.6	867.9
60°	798.5	824.1	816.7	807.6	809.4	811.3	813.1	813.1	816.7	818.6	818.6
62.5°	752.8	778.4	771.1	761.9	767.4	771.1	771.1	771.1	774.7	776.5	771.1
65°	705.3	729.0	721.7	714.4	721.7	727.2	730.9	732.7	730.9	729.0	723.6
67.5°	654.1	677.9	670.6	661.4	670.6	677.9	685.2	690.7	685.2	679.7	672.4
70°	599.3	623.1	613.9	604.8	613.9	623.1	630.4	637.7	630.4	623.1	621.2
72.5°	540.8	568.2	557.3	546.3	557.3	568.2	571.9	575.6	570.1	564.6	560.9
75°	476.9	504.3	495.2	484.2	493.3	502.5	504.3	506.1	506.1	504.3	493.3
77.5°	409.3	431.2	425.7	420.2	425.7	431.2	431.2	431.2	433.0	433.0	418.4
80°	328.9	341.7	343.5	345.3	347.2	349.0	347.2	345.3	341.7	338.0	328.9
82.5°	244.8	244.8	259.5	272.2	272.2	270.4	268.6	264.9	257.6	248.5	228.4
85°	155.3	146.2	169.9	191.9	191.9	190.0	186.4	180.9	166.3	149.8	133.4
87.5°	53.0	43.9	67.6	91.4	93.2	93.2	89.5	85.9	71.3	54.8	42.0
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: P320262
 CATALOG NUMBER: GAN-SA8D-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: P320262

CATALOG NUMBER: GAN-SA8D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0
2.5°	12052.0	12075.8	12097.7	12276.7	12454.0	12662.3	12870.6	13029.5	13186.7	13349.3	13511.9
5°	9638.3	9667.5	9696.8	9914.2	10129.8	10420.3	10710.9	10961.2	11211.5	11505.7	11799.9
7.5°	7144.2	7208.2	7270.3	7502.4	7732.6	8045.0	8355.6	8682.7	9007.9	9391.6	9775.4
10°	5611.2	5731.8	5850.6	6088.1	6325.7	6634.4	6941.4	7283.1	7624.8	8003.0	8379.4
12.5°	4542.3	4703.1	4862.1	5147.1	5432.2	5801.3	6168.5	6548.6	6926.8	7259.3	7591.9
15°	3588.6	3764.0	3937.5	4239.0	4540.5	4946.1	5349.9	5764.7	6177.7	6576.0	6974.3
17.5°	2799.2	2943.6	3086.1	3341.9	3595.9	3988.7	4381.6	4816.4	5251.3	5737.3	6221.5
20°	2258.4	2318.7	2379.0	2563.5	2746.2	3066.0	3383.9	3827.9	4271.9	4853.0	5434.0
22.5°	1978.8	2009.9	2039.1	2128.7	2216.4	2422.8	2627.5	3020.3	3411.3	4045.4	4677.6
25°	1810.7	1834.5	1858.2	1916.7	1975.2	2073.8	2172.5	2448.4	2724.3	3347.4	3968.6
27.5°	1659.1	1695.6	1730.3	1757.7	1783.3	1850.9	1916.7	2097.6	2278.5	2859.5	3438.7
30°	1549.4	1562.2	1575.0	1617.0	1657.2	1726.7	1796.1	1922.2	2048.3	2539.8	3029.4
32.5°	1421.5	1439.8	1458.1	1501.9	1545.8	1609.7	1673.7	1776.0	1876.5	2296.8	2715.2
35°	1306.4	1324.7	1343.0	1386.8	1428.8	1498.3	1565.9	1651.8	1735.8	2101.2	2466.7
37.5°	1235.2	1253.4	1271.7	1310.1	1346.6	1416.1	1483.7	1551.3	1617.0	1955.1	2293.1
40°	1174.9	1193.1	1211.4	1248.0	1282.7	1350.3	1416.1	1472.7	1529.3	1845.4	2161.5
42.5°	1121.9	1142.0	1162.1	1198.6	1233.3	1293.6	1353.9	1428.8	1501.9	1750.4	1997.1
45°	1078.0	1098.1	1116.4	1156.6	1196.8	1255.3	1313.7	1417.9	1522.0	1701.1	1880.2
47.5°	1037.8	1059.8	1079.9	1123.7	1167.6	1240.6	1311.9	1399.6	1485.5	1662.7	1840.0
50°	999.5	1025.0	1050.6	1103.6	1154.8	1277.2	1397.8	1410.6	1421.5	1631.7	1840.0
52.5°	962.9	992.2	1021.4	1087.2	1151.1	1293.6	1436.2	1390.5	1343.0	1573.2	1803.4
55°	926.4	952.0	975.7	1056.1	1136.5	1240.6	1344.8	1284.5	1222.4	1463.6	1704.7
57.5°	877.0	904.4	930.0	1015.9	1101.8	1174.9	1246.1	1191.3	1134.7	1339.3	1542.1
60°	825.9	856.9	888.0	997.6	1105.4	1092.6	1078.0	1067.1	1054.3	1200.4	1346.6
62.5°	780.2	813.1	846.0	988.5	1131.0	1043.3	955.6	964.7	972.1	1079.9	1187.7
65°	734.5	767.4	798.5	869.7	941.0	906.3	871.6	886.2	899.0	1004.9	1110.9
67.5°	683.4	712.6	740.0	763.8	787.5	791.2	794.8	809.4	824.1	950.1	1074.4
70°	626.7	650.5	674.2	690.7	705.3	712.6	718.1	736.3	754.6	891.7	1028.7
72.5°	562.8	582.9	601.1	615.8	630.4	635.9	639.5	657.8	676.1	822.2	968.4
75°	493.3	509.8	524.4	537.2	550.0	557.3	564.6	577.4	590.2	749.1	906.3
77.5°	416.6	433.0	447.7	458.6	467.8	475.1	480.5	497.0	513.4	646.8	778.4
80°	325.2	345.3	363.6	372.7	380.1	381.9	381.9	396.5	411.1	506.1	599.3
82.5°	230.2	252.1	272.2	279.6	286.9	286.9	286.9	303.3	319.8	383.7	445.8
85°	135.2	159.0	180.9	188.2	195.5	199.2	201.0	208.3	213.8	259.5	303.3
87.5°	42.0	62.1	80.4	84.0	87.7	95.0	102.3	104.1	104.1	135.2	166.3
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-727-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: P320262

CATALOG NUMBER: GAN-SA8D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0	13923.0
2.5°	13698.3	13884.7	14102.1	14317.7	14502.2	14686.8	14840.3
5°	12174.4	12549.0	13007.6	13464.4	13871.9	14279.3	14752.6
7.5°	10259.6	10743.8	11337.6	11931.4	12507.0	13080.7	13807.9
10°	8872.7	9364.2	9992.8	10619.5	11266.3	11911.3	12733.5
12.5°	7992.0	8390.4	8998.8	9607.3	10367.4	11125.6	11916.8
15°	7411.0	7845.9	8437.9	9029.9	9861.2	10692.6	11602.5
17.5°	6791.6	7359.8	8118.1	8876.4	9861.2	10844.2	11916.8
20°	6142.9	6850.1	7833.1	8816.1	10142.6	11467.3	12835.9
22.5°	5496.1	6314.7	7575.4	8834.4	10568.3	12300.5	14147.8
25°	4913.3	5857.9	7418.3	8976.9	11187.8	13396.8	15688.1
27.5°	4471.1	5501.6	7354.4	9205.3	11973.4	14741.6	17363.6
30°	4078.2	5127.0	7277.6	9428.2	12729.9	16029.7	18673.7
32.5°	3738.4	4761.6	7129.6	9495.8	13257.9	17020.1	19782.8
35°	3471.6	4476.6	6881.1	9285.7	13588.7	17891.6	20937.5
37.5°	3241.4	4189.7	6597.9	9006.1	13882.8	18759.5	22236.6
40°	3022.1	3882.7	6354.9	8825.2	14288.5	19751.7	23608.8
42.5°	2813.8	3630.6	6159.4	8688.2	14664.9	20639.7	24809.3
45°	2658.5	3436.9	5985.8	8532.9	14907.9	21282.9	25713.7
47.5°	2581.8	3321.8	5892.6	8461.6	15150.9	21838.3	26464.7
50°	2570.8	3301.7	5998.6	8695.5	15677.1	22656.9	27323.5
52.5°	2569.0	3334.6	6303.7	9272.9	16654.6	24034.6	28253.5
55°	2530.6	3354.7	6667.3	9978.2	17966.5	25953.1	29925.4
57.5°	2413.7	3285.2	7041.9	10796.7	19353.4	27908.2	31809.2
60°	2232.8	3117.1	7350.7	11582.4	20285.2	28986.2	32534.6
62.5°	2006.2	2823.0	7453.0	12081.2	20259.6	28438.1	31803.7
65°	1812.6	2514.2	7116.8	11717.6	19234.6	26749.7	30358.4
67.5°	1640.8	2205.4	6276.3	10345.4	17391.0	24434.7	28520.3
70°	1516.5	2002.6	5192.8	8383.0	15083.3	21781.7	26391.6
72.5°	1438.0	1905.7	4233.5	6559.5	12240.2	17919.0	22574.7
75°	1330.2	1754.1	3321.8	4887.7	9367.9	13848.1	17051.1
77.5°	1129.2	1478.2	2503.2	3528.3	6873.8	10217.5	11858.3
80°	871.6	1142.0	1721.2	2300.4	4730.5	7160.7	8085.2
82.5°	621.2	796.6	1043.3	1290.0	3142.7	4993.7	5070.4
85°	383.7	464.1	597.5	730.9	2079.3	3427.8	2855.9
87.5°	206.5	246.7	316.1	383.7	665.1	946.5	544.5
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: P320262
 CATALOG NUMBER: GAN-SA8D-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)