

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: P320259

Luminaire Tested: **GAN-SA5D-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320259
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-SA5D-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 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: 28501 lumens
Efficiency: N/A
Efficacy: 89.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 320
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

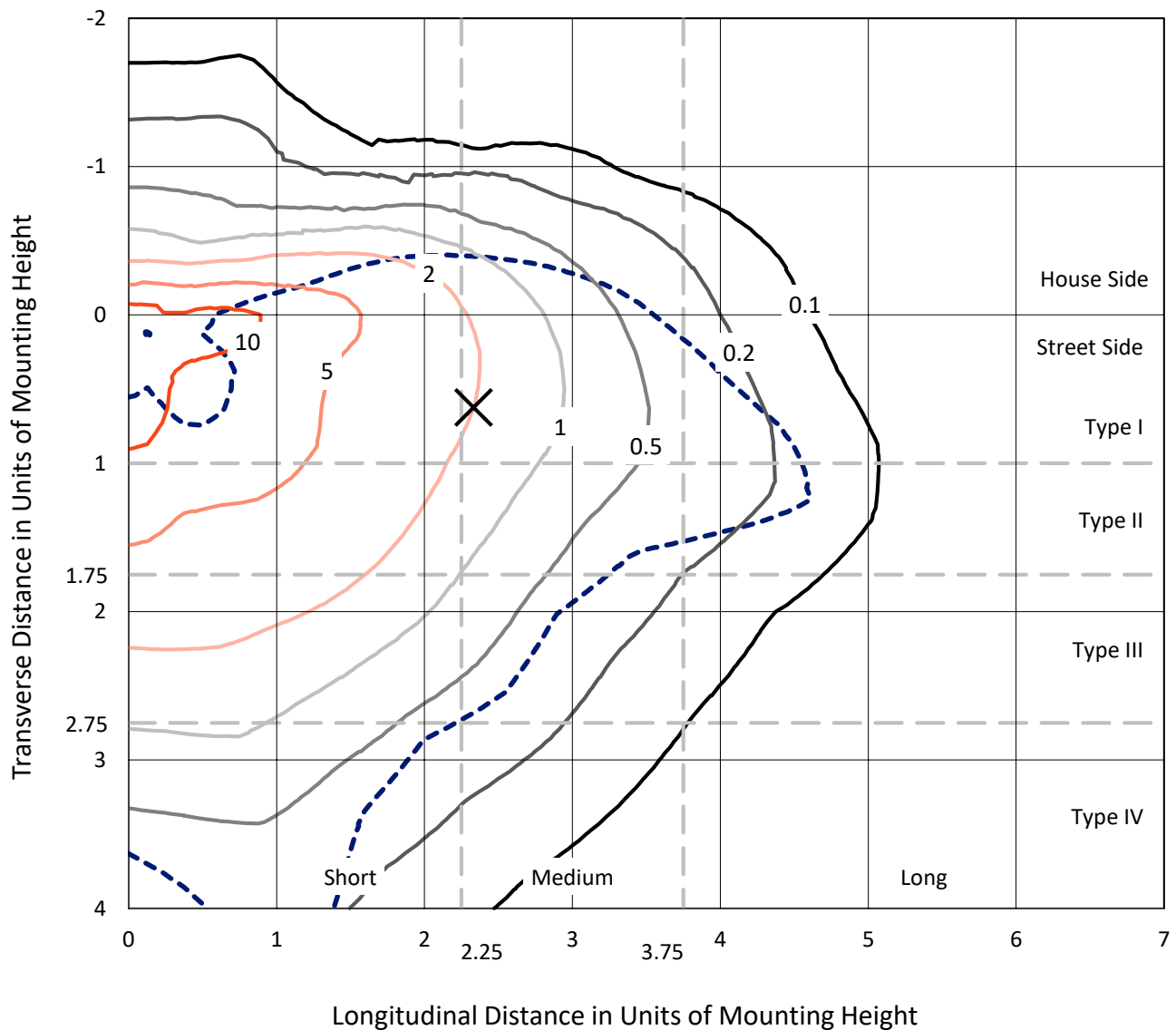


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Iso-Footcandle Lines of Horizontal Illumination

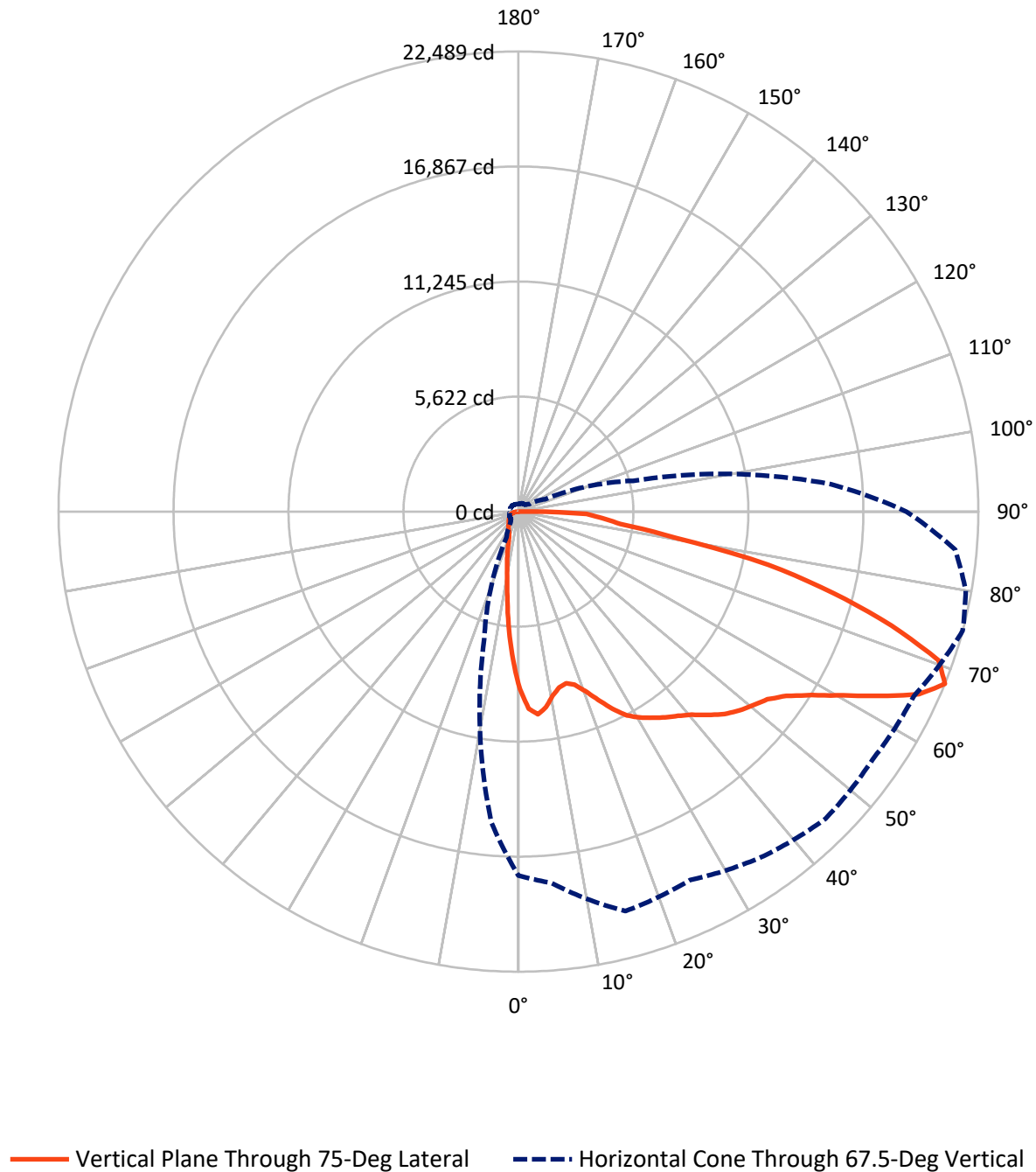
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.5 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	5019.7	0.0	5019.7
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	23481.3	0.0	23481.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	28501.0	0.0	28501.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	670.1	2.4
10°-20°	1392.1	4.9
20°-30°	1979.9	6.9
30°-40°	2853.0	10.0
40°-50°	4020.7	14.1
50°-60°	5589.5	19.6
60°-70°	6759.4	23.7
70°-80°	4154.9	14.6
80°-90°	1081.2	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°	28501.0	100.0
0°-180°	28501.0	100.0

Coefficient of Utilization



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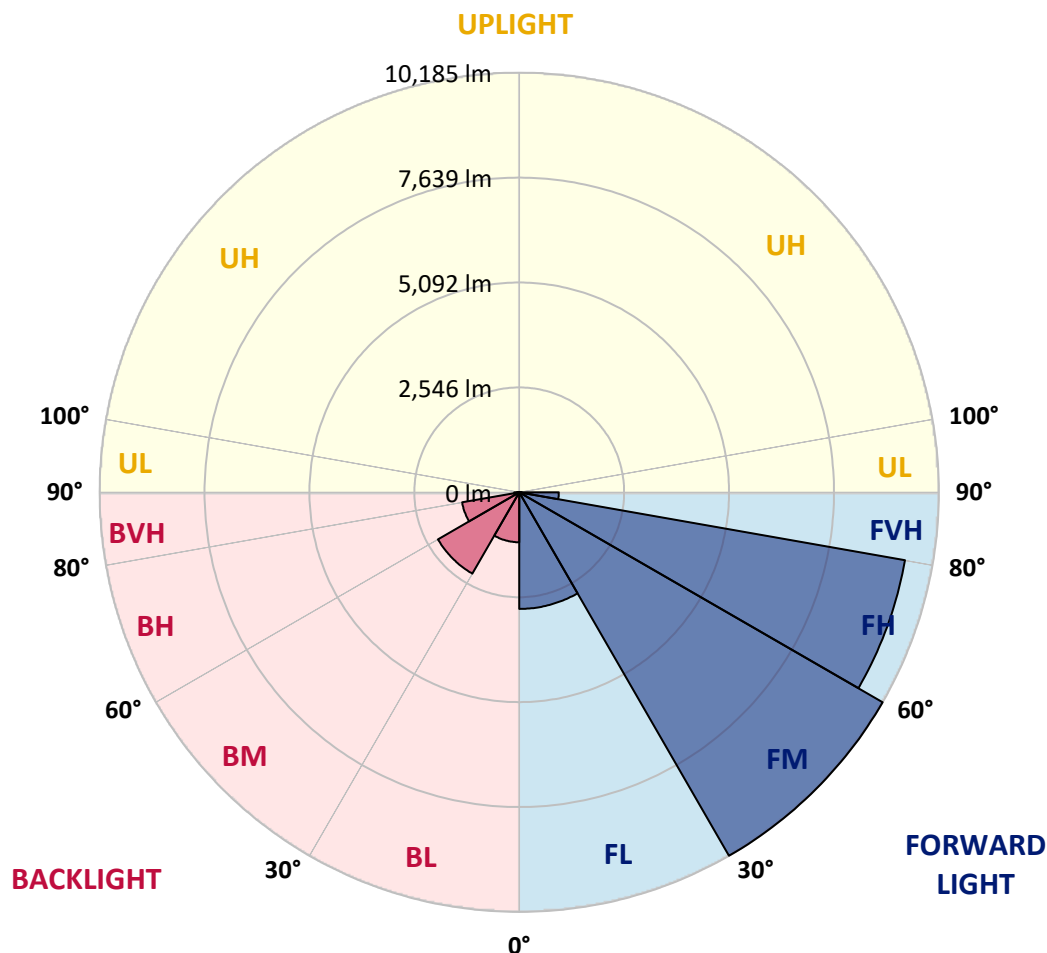
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2829.9	9.9			
FM	(30°-60°)	10184.7	35.7			
FH	(60°-80°)	9507.0	33.4			G4/12000
FVH	(80°-90°)	959.7	3.4			G5
BL	(0°-30°)	1212.3	4.3	B3/2500		
BM	(30°-60°)	2278.6	8.0	B2/2500		
BH	(60°-80°)	1407.4	4.9	B3/2500		G3/2500
BVH	(80°-90°)	121.5	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°	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0
2.5°	9255.0	9376.9	9461.2	9544.4	9609.4	9673.2	9766.6	9860.1	9878.3	9895.4	9858.9
5°	9200.3	9497.7	9750.7	10002.5	10236.1	10469.7	10609.9	10750.0	10778.5	10807.0	10719.2
7.5°	8611.2	9049.9	9488.6	9927.3	10329.5	10731.8	10976.8	11220.6	11276.5	11331.2	11187.6
10°	7941.2	8451.6	8990.6	9529.6	10059.5	10589.3	10943.7	11298.1	11368.8	11439.4	11260.5
12.5°	7431.8	7989.0	8564.5	9139.9	9699.4	10257.7	10624.7	10991.6	11079.3	11167.1	11037.2
15°	7235.8	7846.6	8387.8	8929.1	9416.8	9903.4	10204.2	10503.9	10540.3	10575.7	10555.2
17.5°	7431.8	8105.2	8595.2	9084.1	9349.6	9613.9	9734.7	9854.4	9894.2	9933.0	9985.4
20°	8005.0	8732.0	9077.2	9421.4	9410.0	9397.4	9339.3	9280.1	9269.8	9259.5	9407.7
22.5°	8823.1	9667.5	9805.4	9942.1	9621.9	9301.7	9106.9	8910.9	8872.1	8832.2	8989.5
25°	9783.7	10682.8	10657.7	10631.5	10021.9	9411.1	9039.6	8668.1	8624.8	8581.5	8716.0
27.5°	10828.6	11687.8	11523.7	11359.6	10531.2	9702.8	9163.8	8624.8	8581.5	8538.2	8656.8
30°	11645.7	12425.1	12161.8	11898.6	10960.8	10023.0	9382.6	8742.2	8671.6	8599.8	8745.6
32.5°	12337.3	13000.5	12647.3	12294.0	11309.5	10325.0	9632.2	8939.3	8828.8	8718.3	8913.1
35°	13057.5	13574.8	13078.0	12580.0	11620.6	10660.0	9927.3	9193.5	9057.9	8922.3	9190.0
37.5°	13867.7	14297.3	13583.9	12869.5	11970.4	11071.3	10369.4	9666.3	9527.3	9388.3	9730.2
40°	14723.4	15081.2	14129.8	13178.3	12353.3	11528.3	10981.3	10433.2	10301.0	10167.7	10582.5
42.5°	15472.1	15733.0	14638.0	13542.9	12814.8	12085.5	11700.3	11314.1	11312.9	11310.6	11731.1
45°	16036.1	16262.9	15061.9	13859.7	13264.9	12668.9	12468.4	12267.8	12428.5	12589.2	12969.7
47.5°	16504.5	16658.3	15417.4	14175.3	13779.9	13384.5	13414.2	13443.8	13770.8	14097.9	14342.8
50°	17040.0	16915.8	15739.9	14562.8	14440.8	14318.9	14585.6	14851.1	15227.1	15602.0	15768.4
52.5°	17620.0	17290.7	16177.4	15063.0	15199.7	15336.5	15878.9	16421.3	16800.7	17180.2	17242.9
55°	18662.7	18157.9	16981.9	15804.8	16068.0	16330.1	17126.6	17922.0	18218.3	18514.5	18537.3
57.5°	19837.5	19389.7	18108.9	16828.1	17110.7	17393.3	18312.8	19231.3	19551.5	19870.5	19826.1
60°	20289.9	20311.5	19178.9	18045.1	18329.9	18614.8	19510.5	20406.1	20774.2	21141.1	21043.1
62.5°	19834.1	20368.5	19763.4	19157.2	19415.9	19673.4	20550.8	21428.2	21805.4	22182.6	22011.7
65°	18932.7	19462.6	19733.8	20005.0	20090.5	20175.9	20995.2	21813.4	22102.8	22391.1	22304.5
67.5°	17786.4	18214.9	19215.3	20214.7	20042.6	19870.5	20254.5	20638.6	20936.0	21233.4	21184.4
70°	16458.9	16969.4	18303.7	19638.1	18792.6	17945.9	17787.5	17629.2	17950.5	18270.7	18072.4
72.5°	14078.5	14848.8	16272.0	17694.1	16136.4	14578.7	14037.5	13496.2	13903.0	14309.8	13994.2
75°	10633.8	11655.9	13228.4	14799.8	12941.3	11082.7	10360.3	9637.9	9987.7	10337.5	10121.0
77.5°	7395.3	8677.3	10225.8	11774.4	9885.1	7994.7	7458.0	6920.2	7025.0	7128.7	7092.2
80°	5042.3	5885.5	6965.7	8044.8	6786.8	5528.8	5571.0	5612.0	5563.0	5512.9	5585.8
82.5°	3162.1	3755.8	4589.9	5422.9	4755.1	4087.4	4470.2	4853.1	4665.1	4475.9	4546.6
85°	1781.0	2143.4	2959.3	3774.0	3517.6	3260.1	3484.6	3707.9	3416.2	3124.5	3253.3
87.5°	339.6	565.2	1637.5	2708.6	2459.0	2209.5	1920.1	1630.6	1244.3	858.0	1253.4
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°	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0
2.5°	9822.5	9803.1	9783.7	9714.2	9643.6	9538.7	9452.1	9301.7	9219.7	9095.5	8971.3
5°	10630.4	10507.3	10384.2	10172.3	9959.2	9722.2	9449.8	9147.9	8920.0	8623.7	8327.4
7.5°	11044.0	10756.8	10468.6	10061.8	9653.8	9286.9	8856.2	8455.1	8113.2	7728.1	7342.9
10°	11081.6	10650.9	10219.0	9690.3	9160.4	8714.9	8219.2	7773.6	7363.4	6921.3	6478.0
12.5°	10906.1	10448.0	9988.8	9406.5	8823.1	8317.2	7783.9	7284.8	6830.1	6343.6	5855.9
15°	10534.6	10168.9	9801.9	9256.1	8710.3	8199.8	7682.5	7091.1	6577.2	6079.2	5580.1
17.5°	10036.7	9863.5	9689.1	9294.9	8899.5	8457.3	7956.0	7262.0	6660.4	6119.1	5577.8
20°	9554.7	9618.5	9681.2	9523.9	9366.7	9012.3	8574.7	7795.3	7027.3	6319.6	5610.9
22.5°	9145.6	9452.1	9757.5	9879.4	10000.2	9787.1	9445.3	8543.9	7527.5	6603.4	5679.3
25°	8849.3	9357.5	9865.8	10271.4	10675.9	10581.4	10318.1	9453.3	8190.7	7012.5	5833.1
27.5°	8775.3	9398.6	10021.9	10650.9	11278.7	11366.5	11293.5	10411.6	8981.5	7520.7	6058.7
30°	8891.5	9522.8	10152.9	10918.7	11683.3	12033.1	12131.1	11210.4	9885.1	8113.2	6340.2
32.5°	9108.0	9726.7	10345.5	11179.6	12012.6	12541.3	12853.5	11940.8	10515.3	8559.9	6603.4
35°	9457.8	10036.7	10615.5	11483.8	12352.1	13035.8	13605.6	12695.1	11074.8	8872.1	6668.3
37.5°	10070.9	10568.8	11066.8	11869.0	12670.1	13556.6	14412.4	13525.8	11679.8	9172.9	6664.9
40°	10997.3	11349.4	11700.3	12378.4	13055.2	14170.8	15326.2	14452.2	12348.7	9498.8	6649.0
42.5°	12151.6	12332.8	12512.8	13049.5	13586.2	14812.3	16155.8	15358.1	12986.8	9801.9	6617.1
45°	13349.2	13397.1	13444.9	13783.3	14120.6	15320.5	16721.0	16038.4	13544.1	10065.2	6585.2
47.5°	14586.7	14422.6	14258.5	14393.0	14527.4	15710.2	17124.4	16554.6	14103.5	10356.9	6609.1
50°	15934.7	15477.8	15020.8	14950.2	14879.5	16099.9	17599.5	17211.0	14775.9	10781.9	6788.0
52.5°	17304.4	16551.2	15798.0	15518.8	15238.5	16564.9	18229.7	18028.0	15735.3	11440.5	7144.6
55°	18560.1	17601.8	16643.5	16267.5	15891.4	17275.9	18998.8	19227.9	16964.8	12282.6	7599.3
57.5°	19780.5	18694.6	17608.6	17260.0	16911.3	18320.8	19973.1	20304.7	18206.9	13090.5	7973.1
60°	20945.1	19870.5	18794.9	18515.7	18235.4	19619.9	21026.0	20784.4	18847.3	13468.8	8089.3
62.5°	21840.7	20986.1	20131.5	19984.5	19836.4	20933.7	21835.0	20597.5	18440.5	13096.2	7752.0
65°	22217.9	21731.3	21243.6	21381.5	21518.3	21927.3	22036.7	20050.6	17162.0	12052.5	6943.0
67.5°	21134.2	21233.4	21332.5	21911.4	22489.1	22207.6	21437.3	18972.6	15342.2	10573.4	5804.6
70°	17873.0	18467.8	19061.5	20431.2	21799.7	21175.3	19831.8	17037.8	13152.1	8869.8	4586.5
72.5°	13677.4	14346.3	15014.0	17046.9	19078.6	18503.1	16857.7	13994.2	10544.9	7083.1	3620.2
75°	9903.4	10658.9	11413.2	13655.7	15898.3	15099.5	12609.7	10019.6	8009.5	5406.9	2803.2
77.5°	7054.6	7560.6	8066.5	10281.7	12495.7	11194.4	8393.5	6742.4	5543.7	3758.1	1971.3
80°	5658.7	5503.8	5348.8	6582.9	7816.9	7600.4	5551.6	4330.1	3836.7	2518.3	1199.9
82.5°	4616.1	4237.8	3859.5	4440.6	5021.8	4989.9	3852.6	3176.9	2855.6	1750.3	645.0
85°	3380.9	3229.3	3077.8	3591.7	4105.6	3666.9	2609.4	2019.2	2226.6	1288.8	351.0
87.5°	1648.9	1883.6	2117.2	2723.4	3328.5	2498.9	792.0	392.0	542.4	356.7	169.8
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: P320259

CATALOG NUMBER: GAN-SA5D-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: P320259

CATALOG NUMBER: GAN-SA5D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0
2.5°	8879.0	8785.5	8679.5	8573.6	8452.8	8330.9	8259.1	8186.1	8107.5	8028.9	7940.0
5°	8131.4	7935.5	7713.3	7491.0	7271.1	7051.2	6932.7	6814.2	6688.8	6562.4	6453.0
7.5°	7058.0	6772.0	6464.4	6155.6	5882.1	5607.5	5437.7	5266.8	5111.8	4955.7	4824.6
10°	6113.4	5748.8	5440.0	5130.0	4923.8	4717.5	4561.4	4405.3	4254.9	4103.3	3958.6
12.5°	5491.2	5126.6	4930.6	4734.6	4563.7	4392.8	4212.7	4031.5	3825.3	3617.9	3466.3
15°	5248.5	4916.9	4699.3	4480.5	4251.5	4021.3	3800.2	3579.2	3335.3	3091.5	2919.4
17.5°	5143.7	4709.5	4405.3	4099.9	3797.9	3496.0	3239.6	2983.2	2716.6	2449.9	2275.6
20°	5033.2	4455.4	4047.5	3638.4	3251.0	2863.6	2573.0	2282.4	2044.3	1806.1	1672.8
22.5°	4932.9	4185.4	3673.7	3161.0	2702.9	2244.8	1959.9	1673.9	1528.1	1382.2	1328.7
25°	4891.9	3949.5	3320.5	2691.5	2208.3	1724.1	1521.2	1318.4	1262.6	1205.6	1178.2
27.5°	4898.7	3738.7	3023.1	2306.3	1871.1	1435.8	1296.7	1157.7	1123.5	1088.2	1071.1
30°	4924.9	3509.6	2742.8	1975.9	1616.9	1258.0	1168.0	1076.8	1040.4	1003.9	982.2
32.5°	4954.5	3304.5	2526.3	1746.8	1454.0	1160.0	1085.9	1010.7	975.4	940.1	918.4
35°	4903.3	3137.0	2378.1	1619.2	1349.2	1078.0	1015.3	951.5	912.7	874.0	853.5
37.5°	4816.7	2968.4	2263.0	1556.6	1280.8	1003.9	958.3	911.6	871.7	830.7	811.3
40°	4738.0	2826.0	2177.6	1528.1	1243.2	957.2	918.4	879.7	838.7	796.5	773.7
42.5°	4674.2	2730.2	2093.3	1456.3	1209.0	960.6	905.9	850.1	810.2	770.3	745.2
45°	4626.4	2667.6	2027.2	1386.8	1177.1	967.4	897.9	828.4	788.5	747.5	717.9
47.5°	4621.8	2634.5	1980.4	1326.4	1116.7	905.9	877.4	848.9	790.8	731.6	697.4
50°	4684.5	2581.0	1925.7	1269.4	1058.6	847.8	886.5	924.1	825.0	724.7	681.4
52.5°	4815.5	2486.4	1839.1	1191.9	987.9	782.8	843.2	902.5	817.0	730.4	674.6
55°	4973.9	2347.4	1708.1	1067.7	894.5	720.2	773.7	826.1	772.6	717.9	650.7
57.5°	5073.0	2171.9	1542.9	913.9	789.7	665.5	696.2	725.9	704.2	682.6	614.2
60°	5013.8	1938.3	1357.1	774.9	697.4	619.9	614.2	607.4	639.3	671.2	592.5
62.5°	4724.4	1696.7	1193.1	689.4	631.3	572.0	559.5	545.8	598.2	649.5	566.3
65°	4235.5	1528.1	1089.4	650.7	585.7	520.7	507.1	493.4	509.4	525.3	486.6
67.5°	3614.5	1424.4	1030.1	635.8	557.2	477.4	461.5	445.5	442.1	438.7	425.0
70°	2974.1	1360.6	991.4	622.2	526.4	429.6	414.8	400.0	395.4	389.7	379.5
72.5°	2486.4	1352.6	986.8	621.0	501.4	381.7	368.1	354.4	348.7	341.8	333.9
75°	2036.3	1269.4	936.7	603.9	467.2	329.3	316.8	304.2	299.7	294.0	287.2
77.5°	1511.0	1050.6	787.4	524.2	400.0	275.8	263.2	249.5	248.4	246.1	240.4
80°	980.0	760.0	562.9	365.8	291.7	216.5	206.2	194.9	196.0	197.1	192.6
82.5°	544.7	443.3	344.1	245.0	199.4	153.8	149.3	143.6	147.0	149.3	143.6
85°	287.2	223.3	184.6	145.9	115.1	84.3	84.3	83.2	87.7	92.3	87.7
87.5°	124.2	78.6	67.2	54.7	30.8	5.7	6.8	6.8	9.1	11.4	10.3
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: P320259
 CATALOG NUMBER: GAN-SA5D-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: P320259

CATALOG NUMBER: GAN-SA5D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0
2.5°	7850.0	7766.8	7682.5	7590.2	7607.3	7536.6	7466.0	7421.5	7377.1	7363.4	7349.8
5°	6343.6	6249.0	6153.3	6067.8	6141.9	6091.7	6041.6	6034.8	6026.8	6026.8	6025.7
7.5°	4693.6	4592.2	4489.6	4419.0	4491.9	4482.8	4473.7	4522.7	4571.7	4611.5	4650.3
10°	3813.9	3690.8	3566.6	3461.8	3443.6	3391.1	3337.6	3349.0	3359.2	3402.5	3445.8
12.5°	3314.8	3167.8	3020.8	2897.7	2841.9	2755.3	2667.6	2612.9	2558.2	2563.9	2568.4
15°	2746.2	2603.7	2460.2	2354.2	2318.9	2251.6	2184.4	2116.0	2046.5	2018.0	1988.4
17.5°	2100.1	1986.1	1871.1	1800.4	1800.4	1781.0	1761.7	1727.5	1692.2	1663.7	1634.0
20°	1539.5	1479.1	1417.5	1387.9	1397.0	1398.2	1398.2	1415.3	1432.3	1423.2	1414.1
22.5°	1274.0	1252.3	1230.7	1218.1	1222.7	1223.8	1225.0	1240.9	1255.7	1267.1	1277.4
25°	1149.8	1136.1	1122.4	1117.8	1128.1	1129.2	1129.2	1139.5	1149.8	1161.1	1172.5
27.5°	1052.9	1047.2	1041.5	1033.5	1043.8	1043.8	1042.6	1054.0	1064.3	1074.5	1083.7
30°	960.6	962.9	964.0	961.7	968.6	973.1	976.5	984.5	991.4	999.3	1007.3
32.5°	895.6	892.2	888.8	886.5	901.3	909.3	917.3	925.3	932.1	935.5	938.9
35°	833.0	825.0	817.0	811.3	825.0	835.3	845.5	860.3	874.0	876.3	878.6
37.5°	790.8	780.6	770.3	763.5	769.2	773.7	778.3	794.2	810.2	819.3	827.3
40°	750.9	740.7	730.4	724.7	728.1	729.3	730.4	738.4	745.2	762.3	778.3
42.5°	719.0	706.5	694.0	687.1	689.4	691.7	692.8	691.7	690.5	706.5	722.4
45°	687.1	673.4	659.8	651.8	652.9	652.9	652.9	650.7	647.2	655.2	663.2
47.5°	662.0	646.1	630.1	622.2	619.9	617.6	615.3	614.2	611.9	617.6	622.2
50°	637.0	619.9	601.7	592.5	586.8	584.6	582.3	581.1	578.9	584.6	589.1
52.5°	617.6	597.1	576.6	561.8	556.1	552.7	549.2	550.4	550.4	552.7	553.8
55°	583.4	565.2	545.8	535.6	525.3	523.0	520.7	524.2	526.4	526.4	526.4
57.5°	545.8	528.7	510.5	503.7	494.5	494.5	493.4	498.0	501.4	503.7	505.9
60°	512.8	493.4	474.0	468.3	464.9	463.8	462.6	468.3	472.9	477.4	482.0
62.5°	482.0	461.5	441.0	434.1	433.0	434.1	434.1	439.8	444.4	449.0	453.5
65°	447.8	427.3	405.7	398.8	401.1	404.5	407.9	412.5	415.9	420.5	425.0
67.5°	410.2	393.1	374.9	368.1	369.2	373.8	378.3	381.7	384.0	388.6	393.1
70°	369.2	354.4	339.6	335.0	333.9	339.6	344.1	346.4	348.7	354.4	358.9
72.5°	324.8	312.2	299.7	296.3	297.4	300.8	304.2	307.7	309.9	315.6	320.2
75°	279.2	267.8	256.4	254.1	256.4	259.8	263.2	265.5	267.8	274.6	280.3
77.5°	234.7	222.2	208.5	207.4	210.8	214.2	216.5	219.9	223.3	232.5	241.6
80°	188.0	174.3	159.5	158.4	161.8	165.2	168.6	172.1	175.5	186.9	197.1
82.5°	137.9	121.9	106.0	103.7	115.1	118.5	121.9	127.6	132.2	142.4	152.7
85°	83.2	67.2	51.3	50.1	60.4	66.1	71.8	78.6	84.3	93.4	102.6
87.5°	9.1	4.6	0.0	0.0	1.1	5.7	10.3	16.0	21.7	30.8	38.7
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: P320259
 CATALOG NUMBER: GAN-SA5D-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: P320259

CATALOG NUMBER: GAN-SA5D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0
2.5°	7299.6	7248.3	7300.8	7352.0	7373.7	7395.3	7339.5	7282.5	7371.4	7459.1	7481.9
5°	5980.1	5933.4	5968.7	6002.9	5926.5	5850.2	5842.2	5833.1	5899.2	5965.3	5975.5
7.5°	4635.5	4620.7	4653.7	4686.7	4589.9	4491.9	4444.0	4396.2	4412.1	4428.1	4425.8
10°	3456.1	3465.2	3506.2	3546.1	3470.9	3395.7	3362.7	3329.6	3366.1	3401.4	3434.4
12.5°	2588.9	2608.3	2651.6	2693.8	2663.0	2631.1	2634.5	2637.9	2680.1	2721.1	2757.6
15°	2011.2	2034.0	2064.8	2094.4	2095.5	2095.5	2125.2	2153.6	2150.2	2146.8	2171.9
17.5°	1664.8	1694.4	1697.8	1701.3	1702.4	1703.5	1701.3	1699.0	1681.9	1664.8	1684.2
20°	1425.5	1435.8	1444.9	1452.9	1442.6	1431.2	1402.7	1374.2	1362.8	1351.4	1369.7
22.5°	1296.7	1315.0	1305.9	1295.6	1275.1	1253.4	1231.8	1209.0	1207.9	1205.6	1215.8
25°	1188.5	1203.3	1187.4	1171.4	1156.6	1141.8	1127.0	1112.1	1111.0	1109.9	1114.4
27.5°	1098.5	1112.1	1097.3	1082.5	1070.0	1057.5	1046.1	1034.7	1032.4	1030.1	1031.2
30°	1021.0	1033.5	1021.0	1007.3	998.2	987.9	980.0	972.0	970.9	969.7	969.7
32.5°	951.5	964.0	954.9	945.8	937.8	929.8	924.1	918.4	912.7	907.0	894.5
35°	891.1	903.6	897.9	891.1	882.0	872.9	862.6	851.2	836.4	820.4	813.6
37.5°	839.8	852.3	846.6	840.9	828.4	815.9	797.6	778.3	773.7	768.0	766.9
40°	798.8	818.2	806.8	794.2	774.9	755.5	746.4	737.3	735.0	732.7	730.4
42.5°	753.2	782.8	762.3	741.8	723.6	705.3	703.1	700.8	699.7	698.5	698.5
45°	696.2	728.1	707.6	686.0	675.7	665.5	665.5	665.5	666.6	666.6	668.9
47.5°	642.7	662.0	651.8	641.5	635.8	630.1	631.3	632.4	635.8	638.1	643.8
50°	597.1	603.9	606.2	607.4	603.9	600.5	602.8	603.9	607.4	609.6	614.2
52.5°	564.1	574.3	574.3	573.2	573.2	573.2	575.4	577.7	581.1	584.6	589.1
55°	542.4	557.2	552.7	548.1	549.2	549.2	551.5	553.8	557.2	559.5	566.3
57.5°	521.9	537.8	533.3	528.7	528.7	528.7	529.9	531.0	534.4	536.7	541.3
60°	498.0	513.9	509.4	503.7	504.8	505.9	507.1	507.1	509.4	510.5	510.5
62.5°	469.5	485.4	480.9	475.2	478.6	480.9	480.9	480.9	483.1	484.3	480.9
65°	439.8	454.7	450.1	445.5	450.1	453.5	455.8	456.9	455.8	454.7	451.2
67.5°	407.9	422.8	418.2	412.5	418.2	422.8	427.3	430.7	427.3	423.9	419.3
70°	373.8	388.6	382.9	377.2	382.9	388.6	393.1	397.7	393.1	388.6	387.4
72.5°	337.3	354.4	347.5	340.7	347.5	354.4	356.7	358.9	355.5	352.1	349.8
75°	297.4	314.5	308.8	302.0	307.7	313.4	314.5	315.6	315.6	314.5	307.7
77.5°	255.2	268.9	265.5	262.1	265.5	268.9	268.9	268.9	270.1	270.1	260.9
80°	205.1	213.1	214.2	215.4	216.5	217.6	216.5	215.4	213.1	210.8	205.1
82.5°	152.7	152.7	161.8	169.8	169.8	168.6	167.5	165.2	160.7	155.0	142.4
85°	96.9	91.2	106.0	119.6	119.6	118.5	116.2	112.8	103.7	93.4	83.2
87.5°	33.0	27.3	42.2	57.0	58.1	58.1	55.8	53.6	44.4	34.2	26.2
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: P320259
 CATALOG NUMBER: GAN-SA5D-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: P320259

CATALOG NUMBER: GAN-SA5D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0
2.5°	7516.1	7530.9	7544.6	7656.3	7766.8	7896.7	8026.6	8125.7	8223.7	8325.2	8426.6
5°	6010.8	6029.1	6047.3	6182.9	6317.4	6498.5	6679.7	6835.8	6992.0	7175.4	7358.9
7.5°	4455.4	4495.3	4534.1	4678.8	4822.3	5017.2	5210.9	5414.9	5617.7	5857.0	6096.3
10°	3499.4	3574.6	3648.7	3796.8	3944.9	4137.5	4328.9	4542.0	4755.1	4991.0	5225.7
12.5°	2832.8	2933.1	3032.2	3210.0	3387.7	3617.9	3846.9	4084.0	4319.8	4527.2	4734.6
15°	2238.0	2347.4	2455.6	2643.6	2831.6	3084.6	3336.4	3595.1	3852.6	4101.0	4349.5
17.5°	1745.7	1835.7	1924.6	2084.1	2242.5	2487.5	2732.5	3003.7	3274.9	3578.0	3880.0
20°	1408.4	1446.0	1483.6	1598.7	1712.7	1912.1	2110.3	2387.2	2664.1	3026.5	3388.9
22.5°	1234.1	1253.4	1271.7	1327.5	1382.2	1511.0	1638.6	1883.6	2127.4	2522.8	2917.1
25°	1129.2	1144.1	1158.9	1195.3	1231.8	1293.3	1354.9	1526.9	1699.0	2087.6	2475.0
27.5°	1034.7	1057.5	1079.1	1096.2	1112.1	1154.3	1195.3	1308.1	1421.0	1783.3	2144.5
30°	966.3	974.3	982.2	1008.5	1033.5	1076.8	1120.1	1198.8	1277.4	1583.9	1889.3
32.5°	886.5	897.9	909.3	936.7	964.0	1003.9	1043.8	1107.6	1170.3	1432.3	1693.3
35°	814.7	826.1	837.5	864.9	891.1	934.4	976.5	1030.1	1082.5	1310.4	1538.3
37.5°	770.3	781.7	793.1	817.0	839.8	883.1	925.3	967.4	1008.5	1219.3	1430.1
40°	732.7	744.1	755.5	778.3	799.9	842.1	883.1	918.4	953.8	1150.9	1348.0
42.5°	699.7	712.2	724.7	747.5	769.2	806.8	844.4	891.1	936.7	1091.6	1245.5
45°	672.3	684.8	696.2	721.3	746.4	782.8	819.3	884.2	949.2	1060.9	1172.5
47.5°	647.2	660.9	673.4	700.8	728.1	773.7	818.2	872.9	926.4	1036.9	1147.5
50°	623.3	639.3	655.2	688.3	720.2	796.5	871.7	879.7	886.5	1017.6	1147.5
52.5°	600.5	618.7	637.0	678.0	717.9	806.8	895.6	867.2	837.5	981.1	1124.7
55°	577.7	593.7	608.5	658.6	708.8	773.7	838.7	801.1	762.3	912.7	1063.2
57.5°	547.0	564.1	580.0	633.6	687.1	732.7	777.1	743.0	707.6	835.3	961.7
60°	515.1	534.4	553.8	622.2	689.4	681.4	672.3	665.5	657.5	748.6	839.8
62.5°	486.6	507.1	527.6	616.5	705.3	650.7	596.0	601.7	606.2	673.4	740.7
65°	458.1	478.6	498.0	542.4	586.8	565.2	543.5	552.7	560.6	626.7	692.8
67.5°	426.2	444.4	461.5	476.3	491.1	493.4	495.7	504.8	513.9	592.5	670.0
70°	390.8	405.7	420.5	430.7	439.8	444.4	447.8	459.2	470.6	556.1	641.5
72.5°	351.0	363.5	374.9	384.0	393.1	396.5	398.8	410.2	421.6	512.8	603.9
75°	307.7	317.9	327.0	335.0	343.0	347.5	352.1	360.1	368.1	467.2	565.2
77.5°	259.8	270.1	279.2	286.0	291.7	296.3	299.7	309.9	320.2	403.4	485.4
80°	202.8	215.4	226.8	232.5	237.0	238.2	238.2	247.3	256.4	315.6	373.8
82.5°	143.6	157.3	169.8	174.3	178.9	178.9	178.9	189.2	199.4	239.3	278.0
85°	84.3	99.1	112.8	117.4	121.9	124.2	125.3	129.9	133.3	161.8	189.2
87.5°	26.2	38.7	50.1	52.4	54.7	59.3	63.8	65.0	65.0	84.3	103.7
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: P320259
 CATALOG NUMBER: GAN-SA5D-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

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0	8683.0
2.5°	8542.8	8659.0	8794.6	8929.1	9044.2	9159.3	9255.0
5°	7592.5	7826.1	8112.1	8396.9	8651.1	8905.2	9200.3
7.5°	6398.3	6700.2	7070.6	7440.9	7799.9	8157.7	8611.2
10°	5533.4	5839.9	6231.9	6622.8	7026.1	7428.4	7941.2
12.5°	4984.2	5232.6	5612.0	5991.5	6465.5	6938.4	7431.8
15°	4621.8	4893.0	5262.2	5631.4	6149.9	6668.3	7235.8
17.5°	4235.5	4589.9	5062.8	5535.7	6149.9	6762.9	7431.8
20°	3831.0	4272.0	4885.0	5498.1	6325.3	7151.5	8005.0
22.5°	3427.6	3938.1	4724.4	5509.5	6590.8	7671.1	8823.1
25°	3064.1	3653.2	4626.4	5598.3	6977.1	8354.8	9783.7
27.5°	2788.3	3431.0	4586.5	5740.8	7467.1	9193.5	10828.6
30°	2543.4	3197.4	4538.6	5879.8	7938.9	9996.8	11645.7
32.5°	2331.4	2969.5	4446.3	5922.0	8268.2	10614.4	12337.3
35°	2165.0	2791.8	4291.3	5790.9	8474.4	11157.9	13057.5
37.5°	2021.5	2612.9	4114.7	5616.6	8657.9	11699.2	13867.7
40°	1884.7	2421.4	3963.2	5503.8	8910.9	12318.0	14723.4
42.5°	1754.8	2264.2	3841.2	5418.3	9145.6	12871.8	15472.1
45°	1658.0	2143.4	3733.0	5321.4	9297.2	13272.9	16036.1
47.5°	1610.1	2071.6	3674.9	5277.0	9448.7	13619.3	16504.5
50°	1603.3	2059.1	3741.0	5422.9	9776.9	14129.8	17040.0
52.5°	1602.1	2079.6	3931.3	5782.9	10386.5	14988.9	17620.0
55°	1578.2	2092.1	4158.0	6222.8	11204.7	16185.4	18662.7
57.5°	1505.3	2048.8	4391.6	6733.3	12069.5	17404.7	19837.5
60°	1392.5	1944.0	4584.2	7223.3	12650.7	18077.0	20289.9
62.5°	1251.2	1760.5	4648.0	7534.4	12634.7	17735.1	19834.1
65°	1130.4	1567.9	4438.3	7307.6	11995.5	16682.2	18932.7
67.5°	1023.3	1375.4	3914.2	6451.8	10845.7	15238.5	17786.4
70°	945.8	1248.9	3238.4	5228.0	9406.5	13583.9	16458.9
72.5°	896.8	1188.5	2640.2	4090.8	7633.5	11175.0	14078.5
75°	829.6	1093.9	2071.6	3048.2	5842.2	8636.2	10633.8
77.5°	704.2	921.9	1561.1	2200.4	4286.8	6372.1	7395.3
80°	543.5	712.2	1073.4	1434.6	2950.2	4465.7	5042.3
82.5°	387.4	496.8	650.7	804.5	1959.9	3114.2	3162.1
85°	239.3	289.4	372.6	455.8	1296.7	2137.7	1781.0
87.5°	128.8	153.8	197.1	239.3	414.8	590.3	339.6
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



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 CATALOG NUMBER: GAN-SA5D-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)