

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: P320258

Luminaire Tested: **GAN-SA4D-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320258
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-SA4D-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 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: 23003 lumens
Efficiency: N/A
Efficacy: 89.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

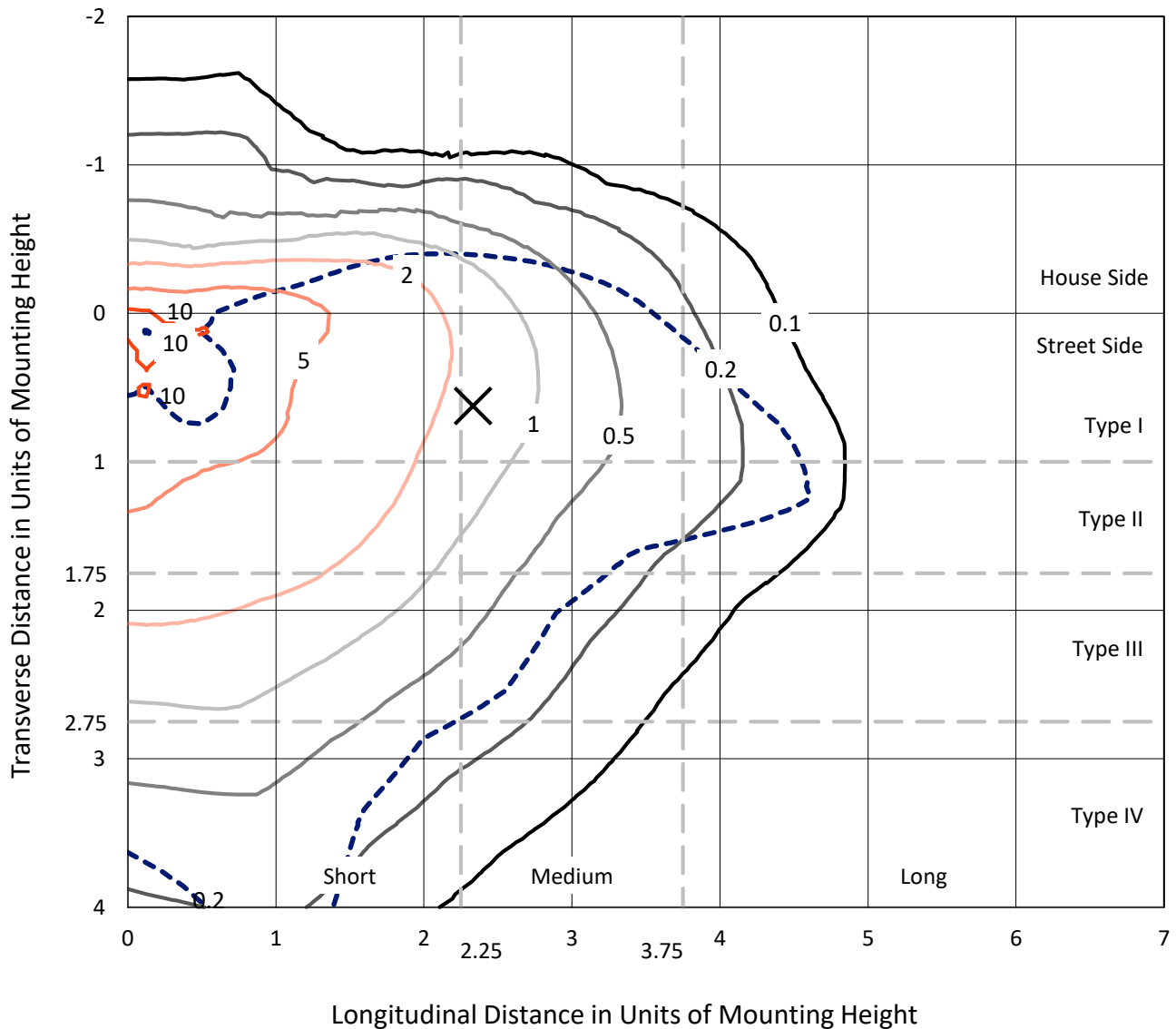
Input Watts (W): 258
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P320258
 CATALOG NUMBER: GAN-SA4D-727-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

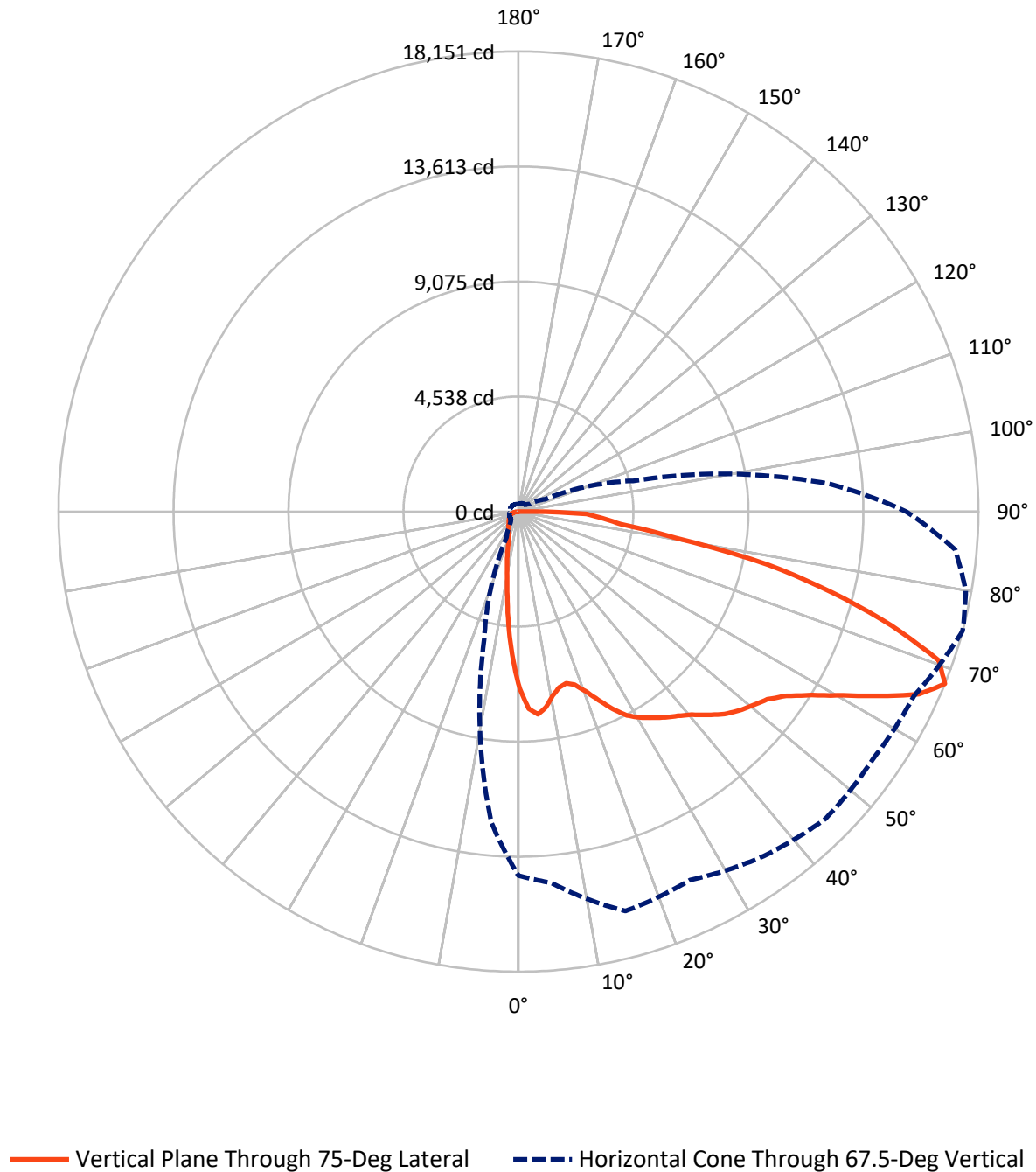
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.1 fc
 Type III - Medium - N/A

REPORT NUMBER: P320258
CATALOG NUMBER: GAN-SA4D-727-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P320258

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4051.4	0.0	4051.4
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	18951.6	0.0	18951.6
	% Fixture	82.4	0.0	82.4
Total	Lumens	23003.0	0.0	23003.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	540.9	2.4
10°-20°	1123.6	4.9
20°-30°	1598.0	6.9
30°-40°	2302.7	10.0
40°-50°	3245.1	14.1
50°-60°	4511.3	19.6
60°-70°	5455.5	23.7
70°-80°	3353.4	14.6
80°-90°	872.6	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°	23003.0	100.0
0°-180°	23003.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320258

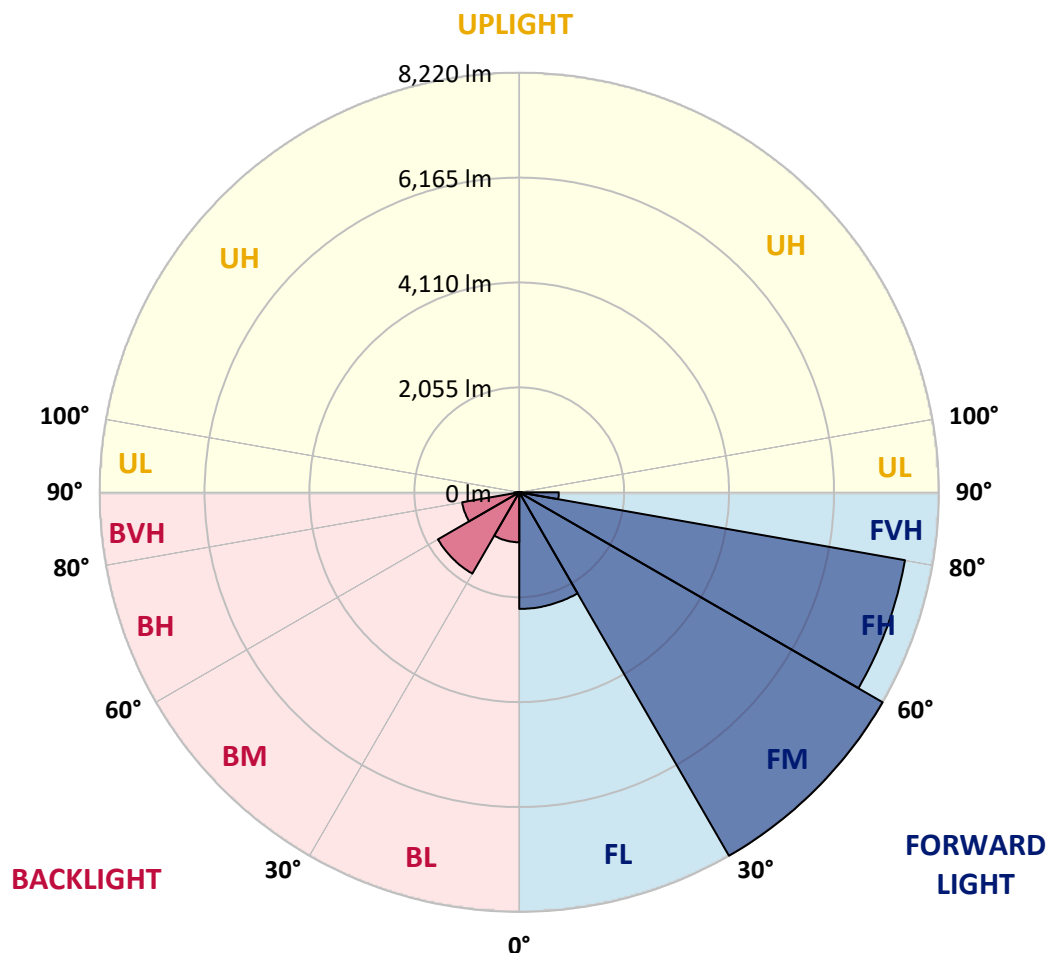
CATALOG NUMBER: GAN-SA4D-727-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2284.0	9.9			
FM	(30°-60°)	8220.1	35.7			
FH	(60°-80°)	7673.0	33.4			G4/12000
FVH	(80°-90°)	774.6	3.4			G5
BL	(0°-30°)	978.5	4.3	B2/1000		
BM	(30°-60°)	1839.0	8.0	B2/2500		
BH	(60°-80°)	1135.9	4.9	B3/2500		G3/2500
BVH	(80°-90°)	98.0	0.4			G1/100
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





REPORT NUMBER: P320258

CATALOG NUMBER: GAN-SA4D-727-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0
2.5°	7469.7	7568.1	7636.1	7703.3	7755.7	7807.2	7882.6	7958.0	7972.7	7986.5	7957.1
5°	7425.5	7665.5	7869.7	8073.0	8261.5	8450.0	8563.2	8676.3	8699.3	8722.3	8651.4
7.5°	6950.0	7304.1	7658.2	8012.3	8336.9	8661.6	8859.3	9056.1	9101.2	9145.3	9029.4
10°	6409.3	6821.3	7256.3	7691.3	8118.9	8546.6	8832.6	9118.6	9175.7	9232.7	9088.3
12.5°	5998.2	6447.9	6912.3	7376.8	7828.3	8279.0	8575.1	8871.2	8942.1	9012.9	8908.0
15°	5840.0	6332.9	6769.8	7206.6	7600.2	7993.0	8235.7	8477.6	8507.1	8535.6	8519.0
17.5°	5998.2	6541.7	6937.2	7331.7	7546.0	7759.4	7856.8	7953.4	7985.6	8016.9	8059.2
20°	6460.8	7047.5	7326.2	7603.9	7594.7	7584.6	7537.7	7489.9	7481.6	7473.3	7592.9
22.5°	7121.1	7802.6	7913.9	8024.2	7765.8	7507.4	7350.1	7191.9	7160.6	7128.4	7255.4
25°	7896.4	8622.0	8601.8	8580.6	8088.6	7595.6	7295.8	6996.0	6961.1	6926.1	7034.6
27.5°	8739.7	9433.2	9300.7	9168.3	8499.7	7831.1	7396.1	6961.1	6926.1	6891.2	6986.8
30°	9399.1	10028.2	9815.8	9603.3	8846.4	8089.5	7572.7	7055.8	6998.8	6940.8	7058.6
32.5°	9957.4	10492.6	10207.5	9922.4	9127.8	8333.2	7774.1	7214.9	7125.7	7036.5	7193.7
35°	10538.6	10956.2	10555.2	10153.3	9378.9	8603.6	8012.3	7420.0	7310.5	7201.1	7417.2
37.5°	11192.5	11539.2	10963.5	10386.9	9661.3	8935.6	8369.1	7801.7	7689.5	7577.3	7853.2
40°	11883.2	12172.0	11404.0	10636.1	9970.3	9304.4	8863.0	8420.6	8313.9	8206.3	8541.1
42.5°	12487.4	12698.0	11814.2	10930.4	10342.7	9754.1	9443.3	9131.5	9130.6	9128.8	9468.1
45°	12942.7	13125.7	12156.3	11186.1	10706.0	10225.0	10063.2	9901.3	10031.0	10160.6	10467.8
47.5°	13320.7	13444.8	12443.3	11440.8	11121.7	10802.6	10826.5	10850.4	11114.3	11378.3	11576.0
50°	13752.9	13652.7	12703.6	11753.5	11655.1	11556.7	11771.9	11986.2	12289.7	12592.3	12726.6
52.5°	14221.0	13955.2	13056.7	12157.3	12267.6	12378.0	12815.8	13253.5	13559.8	13866.0	13916.6
55°	15062.5	14655.1	13706.0	12756.0	12968.4	13180.0	13822.8	14464.7	14703.9	14943.0	14961.4
57.5°	16010.7	15649.3	14615.6	13581.9	13809.9	14038.0	14780.2	15521.5	15779.9	16037.4	16001.5
60°	16375.8	16393.3	15479.2	14564.1	14794.0	15023.9	15746.8	16469.7	16766.7	17062.8	16983.8
62.5°	16008.0	16439.3	15951.0	15461.7	15670.5	15878.3	16586.5	17294.6	17599.0	17903.4	17765.5
65°	15280.5	15708.2	15927.0	16145.9	16214.9	16283.9	16945.1	17605.5	17839.1	18071.7	18001.8
67.5°	14355.3	14701.1	15508.6	16315.1	16176.3	16037.4	16347.3	16657.3	16897.3	17137.3	17097.8
70°	13283.9	13695.9	14772.8	15849.8	15167.4	14484.1	14356.2	14228.4	14487.7	14746.2	14586.1
72.5°	11362.7	11984.4	13133.0	14280.8	13023.6	11766.4	11329.6	10892.7	11221.0	11549.4	11294.6
75°	8582.5	9407.4	10676.6	11944.8	10444.8	8944.8	8361.7	7778.7	8061.0	8343.3	8168.6
77.5°	5968.7	7003.4	8253.2	9503.1	7978.2	6452.5	6019.3	5585.2	5669.8	5753.5	5724.1
80°	4069.6	4750.2	5622.0	6493.0	5477.6	4462.3	4496.3	4529.4	4489.9	4449.4	4508.3
82.5°	2552.1	3031.3	3704.5	4376.8	3837.8	3298.9	3607.9	3916.9	3765.2	3612.5	3669.5
85°	1437.5	1729.9	2388.4	3046.0	2839.1	2631.2	2812.4	2992.6	2757.2	2521.8	2625.7
87.5°	274.1	456.2	1321.6	2186.1	1984.7	1783.3	1549.7	1316.1	1004.3	692.5	1011.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320258
 CATALOG NUMBER: GAN-SA4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320258

CATALOG NUMBER: GAN-SA4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0
2.5°	7927.7	7912.0	7896.4	7840.3	7783.3	7698.7	7628.8	7507.4	7441.1	7340.9	7240.7
5°	8579.7	8480.4	8381.1	8210.0	8038.0	7846.7	7626.9	7383.2	7199.3	6960.1	6721.0
7.5°	8913.6	8681.8	8449.1	8120.8	7791.5	7495.4	7147.8	6824.0	6548.1	6237.3	5926.4
10°	8943.9	8596.3	8247.7	7821.0	7393.3	7033.7	6633.7	6274.1	5943.0	5586.1	5228.4
12.5°	8802.3	8432.6	8061.9	7592.0	7121.1	6712.8	6282.3	5879.5	5512.6	5119.9	4726.2
15°	8502.5	8207.2	7911.1	7470.6	7030.0	6618.0	6200.5	5723.2	5308.4	4906.5	4503.7
17.5°	8100.6	7960.8	7820.1	7501.8	7182.7	6825.9	6421.2	5861.1	5375.5	4938.7	4501.8
20°	7711.5	7763.0	7813.6	7686.7	7559.8	7273.8	6920.6	6291.5	5671.7	5100.6	4528.5
22.5°	7381.4	7628.8	7875.2	7973.6	8071.1	7899.1	7623.2	6895.8	6075.4	5329.6	4583.7
25°	7142.2	7552.4	7962.6	8290.0	8616.5	8540.2	8327.7	7629.7	6610.7	5659.7	4707.8
27.5°	7082.5	7585.5	8088.6	8596.3	9103.0	9173.8	9115.0	8403.1	7248.9	6069.9	4889.9
30°	7176.3	7685.8	8194.4	8812.4	9429.5	9711.8	9790.9	9047.8	7978.2	6548.1	5117.1
32.5°	7351.0	7850.4	8349.8	9023.0	9695.3	10122.0	10374.0	9637.3	8486.8	6908.6	5329.6
35°	7633.4	8100.6	8567.8	9268.5	9969.3	10521.2	10981.0	10246.2	8938.4	7160.6	5382.0
37.5°	8128.1	8530.0	8931.9	9579.4	10225.9	10941.4	11632.1	10916.6	9426.7	7403.4	5379.2
40°	8875.8	9160.0	9443.3	9990.5	10536.8	11437.2	12369.7	11664.3	9966.6	7666.5	5366.3
42.5°	9807.5	9953.7	10099.0	10532.2	10965.4	11954.9	13039.2	12395.5	10481.6	7911.1	5340.6
45°	10774.1	10812.7	10851.3	11124.5	11396.7	12365.1	13495.4	12944.5	10931.3	8123.5	5314.8
47.5°	11772.8	11640.4	11508.0	11616.5	11725.0	12679.6	13821.0	13361.1	11382.9	8359.0	5334.2
50°	12860.8	12492.0	12123.2	12066.2	12009.2	12994.2	14204.5	13890.9	11925.5	8702.0	5478.5
52.5°	13966.3	13358.4	12750.5	12525.1	12298.9	13369.4	14713.1	14550.3	12699.9	9233.6	5766.4
55°	14979.8	14206.3	13432.9	13129.4	12825.9	13943.3	15333.8	15518.7	13692.2	9913.2	6133.4
57.5°	15964.7	15088.3	14211.8	13930.4	13649.0	14786.6	16120.2	16387.8	14694.7	10565.3	6435.0
60°	16904.7	16037.4	15169.2	14943.9	14717.7	15835.1	16970.0	16775.0	15211.5	10870.6	6528.8
62.5°	17627.5	16937.8	16248.0	16129.4	16009.8	16895.5	17622.9	16624.2	14883.2	10569.9	6256.6
65°	17931.9	17539.2	17145.6	17256.9	17367.3	17697.4	17785.7	16182.7	13851.3	9727.5	5603.6
67.5°	17057.3	17137.3	17217.4	17684.6	18150.8	17923.7	17302.0	15312.7	12382.6	8533.7	4684.9
70°	14425.2	14905.3	15384.4	16489.9	17594.4	17090.4	16006.1	13751.1	10615.0	7158.8	3701.7
72.5°	11038.9	11578.8	12117.7	13758.4	15398.2	14933.8	13605.8	11294.6	8510.7	5716.7	2921.8
75°	7993.0	8602.7	9211.5	11021.5	12831.4	12186.7	10177.2	8086.8	6464.4	4363.9	2262.4
77.5°	5693.7	6102.1	6510.4	8298.3	10085.2	9034.9	6774.4	5441.8	4474.2	3033.1	1591.0
80°	4567.1	4442.1	4317.0	5313.0	6309.0	6134.3	4480.7	3494.8	3096.6	2032.5	968.4
82.5°	3725.6	3420.3	3115.0	3584.0	4053.0	4027.3	3109.4	2564.1	2304.7	1412.6	520.5
85°	2728.7	2606.4	2484.1	2898.8	3313.6	2959.5	2106.1	1629.7	1797.1	1040.2	283.3
87.5°	1330.8	1520.2	1708.8	2198.0	2686.4	2016.9	639.2	316.4	437.8	287.9	137.0
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: P320258
 CATALOG NUMBER: GAN-SA4D-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: P320258

CATALOG NUMBER: GAN-SA4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0
2.5°	7166.2	7090.7	7005.2	6919.7	6822.2	6723.8	6665.9	6607.0	6543.5	6480.1	6408.3
5°	6562.8	6404.7	6225.3	6046.0	5868.5	5691.0	5595.3	5499.7	5398.5	5296.4	5208.2
7.5°	5696.5	5465.7	5217.4	4968.1	4747.4	4525.8	4388.7	4250.8	4125.7	3999.7	3893.9
10°	4934.1	4639.8	4390.6	4140.4	3973.9	3807.5	3681.5	3555.5	3434.1	3311.8	3195.0
12.5°	4431.9	4137.6	3979.5	3821.3	3683.3	3545.4	3400.1	3253.8	3087.4	2920.0	2797.7
15°	4236.1	3968.4	3792.8	3616.2	3431.3	3245.6	3067.1	2888.7	2691.9	2495.1	2356.2
17.5°	4151.4	3801.0	3555.5	3309.0	3065.3	2821.6	2614.7	2407.7	2192.5	1977.3	1836.6
20°	4062.2	3596.0	3266.7	2936.5	2623.9	2311.2	2076.6	1842.1	1649.9	1457.7	1350.1
22.5°	3981.3	3378.0	2965.1	2551.2	2181.5	1811.8	1581.9	1351.0	1233.3	1115.6	1072.3
25°	3948.2	3187.6	2680.0	2172.3	1782.3	1391.5	1227.8	1064.1	1019.0	973.0	951.0
27.5°	3953.7	3017.5	2439.9	1861.4	1510.1	1158.8	1046.6	934.4	906.8	878.3	864.5
30°	3974.9	2832.6	2213.7	1594.7	1305.0	1015.3	942.7	869.1	839.7	810.2	792.8
32.5°	3998.8	2667.1	2038.9	1409.9	1173.5	936.2	876.5	815.8	787.2	758.7	741.3
35°	3957.4	2531.9	1919.4	1306.9	1088.9	870.0	819.4	767.9	736.7	705.4	688.8
37.5°	3887.5	2395.8	1826.5	1256.3	1033.7	810.2	773.5	735.7	703.6	670.4	654.8
40°	3824.0	2280.8	1757.5	1233.3	1003.4	772.5	741.3	710.0	676.9	642.9	624.5
42.5°	3772.5	2203.6	1689.5	1175.4	975.8	775.3	731.1	686.1	653.9	621.7	601.5
45°	3733.9	2153.0	1636.1	1119.3	950.0	780.8	724.7	668.6	636.4	603.3	579.4
47.5°	3730.2	2126.3	1598.4	1070.5	901.3	731.1	708.2	685.2	638.3	590.4	562.8
50°	3780.8	2083.1	1554.3	1024.5	854.4	684.2	715.5	745.9	665.8	584.9	550.0
52.5°	3886.6	2006.7	1484.4	962.0	797.4	631.8	680.6	728.4	659.4	589.5	544.5
55°	4014.4	1894.5	1378.6	861.7	721.9	581.2	624.5	666.8	623.5	579.4	525.1
57.5°	4094.4	1752.9	1245.2	737.6	637.3	537.1	561.9	585.8	568.4	550.9	495.7
60°	4046.6	1564.4	1095.3	625.4	562.8	500.3	495.7	490.2	515.9	541.7	478.2
62.5°	3813.0	1369.4	962.9	556.4	509.5	461.7	451.6	440.5	482.8	524.2	457.1
65°	3418.5	1233.3	879.2	525.1	472.7	420.3	409.3	398.2	411.1	424.0	392.7
67.5°	2917.2	1149.6	831.4	513.2	449.7	385.3	372.5	359.6	356.8	354.1	343.0
70°	2400.4	1098.1	800.1	502.1	424.9	346.7	334.8	322.8	319.1	314.5	306.3
72.5°	2006.7	1091.7	796.4	501.2	404.7	308.1	297.1	286.0	281.4	275.9	269.5
75°	1643.5	1024.5	756.0	487.4	377.1	265.8	255.7	245.6	241.9	237.3	231.8
77.5°	1219.5	847.9	635.5	423.1	322.8	222.6	212.4	201.4	200.5	198.7	194.1
80°	790.9	613.4	454.3	295.2	235.4	174.7	166.5	157.3	158.2	159.1	155.4
82.5°	439.6	357.8	277.7	197.7	160.9	124.2	120.5	115.9	118.6	120.5	115.9
85°	231.8	180.3	149.0	117.7	92.9	68.1	68.1	67.1	70.8	74.5	70.8
87.5°	100.2	63.5	54.3	44.1	24.8	4.6	5.5	5.5	7.4	9.2	8.3
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: P320258
 CATALOG NUMBER: GAN-SA4D-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: P320258

CATALOG NUMBER: GAN-SA4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0
2.5°	6335.7	6268.5	6200.5	6126.0	6139.8	6082.8	6025.8	5989.9	5954.0	5943.0	5931.9
5°	5119.9	5043.5	4966.3	4897.3	4957.1	4916.6	4876.2	4870.6	4864.2	4864.2	4863.3
7.5°	3788.2	3706.3	3623.5	3566.5	3625.4	3618.0	3610.7	3650.2	3689.8	3722.0	3753.2
10°	3078.2	2978.8	2878.6	2794.0	2779.3	2737.0	2693.7	2702.9	2711.2	2746.2	2781.1
12.5°	2675.4	2556.7	2438.1	2338.7	2293.7	2223.8	2153.0	2108.8	2064.7	2069.3	2073.0
15°	2216.4	2101.5	1985.6	1900.1	1871.6	1817.3	1763.0	1707.8	1651.7	1628.8	1604.8
17.5°	1695.0	1603.0	1510.1	1453.1	1453.1	1437.5	1421.8	1394.2	1365.7	1342.7	1318.8
20°	1242.5	1193.7	1144.1	1120.2	1127.5	1128.4	1128.4	1142.2	1156.0	1148.7	1141.3
22.5°	1028.2	1010.7	993.3	983.1	986.8	987.7	988.7	1001.5	1013.5	1022.7	1031.0
25°	928.0	916.9	905.9	902.2	910.5	911.4	911.4	919.7	928.0	937.2	946.4
27.5°	849.8	845.2	840.6	834.2	842.4	842.4	841.5	850.7	859.0	867.3	874.6
30°	775.3	777.1	778.1	776.2	781.7	785.4	788.2	794.6	800.1	806.6	813.0
32.5°	722.9	720.1	717.4	715.5	727.5	733.9	740.3	746.8	752.3	755.1	757.8
35°	672.3	665.8	659.4	654.8	665.8	674.1	682.4	694.4	705.4	707.2	709.1
37.5°	638.3	630.0	621.7	616.2	620.8	624.5	628.1	641.0	653.9	661.3	667.7
40°	606.1	597.8	589.5	584.9	587.7	588.6	589.5	596.0	601.5	615.3	628.1
42.5°	580.3	570.2	560.1	554.6	556.4	558.2	559.2	558.2	557.3	570.2	583.1
45°	554.6	543.5	532.5	526.1	527.0	527.0	527.0	525.1	522.4	528.8	535.3
47.5°	534.3	521.5	508.6	502.1	500.3	498.5	496.6	495.7	493.9	498.5	502.1
50°	514.1	500.3	485.6	478.2	473.6	471.8	470.0	469.0	467.2	471.8	475.5
52.5°	498.5	481.9	465.4	453.4	448.8	446.0	443.3	444.2	444.2	446.0	447.0
55°	470.9	456.2	440.5	432.3	424.0	422.1	420.3	423.1	424.9	424.9	424.9
57.5°	440.5	426.7	412.0	406.5	399.1	399.1	398.2	401.9	404.7	406.5	408.3
60°	413.9	398.2	382.6	378.0	375.2	374.3	373.4	378.0	381.7	385.3	389.0
62.5°	389.0	372.5	355.9	350.4	349.5	350.4	350.4	355.0	358.7	362.4	366.0
65°	361.4	344.9	327.4	321.9	323.7	326.5	329.2	332.9	335.7	339.4	343.0
67.5°	331.1	317.3	302.6	297.1	298.0	301.7	305.3	308.1	309.9	313.6	317.3
70°	298.0	286.0	274.1	270.4	269.5	274.1	277.7	279.6	281.4	286.0	289.7
72.5°	262.1	252.0	241.9	239.1	240.0	242.8	245.6	248.3	250.2	254.8	258.4
75°	225.3	216.1	206.9	205.1	206.9	209.7	212.4	214.3	216.1	221.6	226.2
77.5°	189.5	179.3	168.3	167.4	170.1	172.9	174.7	177.5	180.3	187.6	195.0
80°	151.7	140.7	128.8	127.8	130.6	133.4	136.1	138.9	141.6	150.8	159.1
82.5°	111.3	98.4	85.5	83.7	92.9	95.6	98.4	103.0	106.7	115.0	123.2
85°	67.1	54.3	41.4	40.5	48.7	53.3	57.9	63.5	68.1	75.4	82.8
87.5°	7.4	3.7	0.0	0.0	0.9	4.6	8.3	12.9	17.5	24.8	31.3
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: P320258

CATALOG NUMBER: GAN-SA4D-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: P320258

CATALOG NUMBER: GAN-SA4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0
2.5°	5891.5	5850.1	5892.4	5933.8	5951.3	5968.7	5923.7	5877.7	5949.4	6020.2	6038.6
5°	4826.5	4788.8	4817.3	4844.9	4783.3	4721.6	4715.2	4707.8	4761.2	4814.5	4822.8
7.5°	3741.3	3729.3	3756.0	3782.6	3704.5	3625.4	3586.8	3548.1	3561.0	3573.9	3572.0
10°	2789.4	2796.8	2829.9	2862.0	2801.3	2740.7	2714.0	2687.3	2716.7	2745.2	2771.9
12.5°	2089.5	2105.2	2140.1	2174.1	2149.3	2123.5	2126.3	2129.1	2163.1	2196.2	2225.6
15°	1623.2	1641.6	1666.5	1690.4	1691.3	1691.3	1715.2	1738.2	1735.4	1732.7	1752.9
17.5°	1343.7	1367.6	1370.3	1373.1	1374.0	1374.9	1373.1	1371.2	1357.4	1343.7	1359.3
20°	1150.5	1158.8	1166.2	1172.6	1164.3	1155.1	1132.1	1109.1	1099.9	1090.7	1105.5
22.5°	1046.6	1061.3	1054.0	1045.7	1029.1	1011.6	994.2	975.8	974.9	973.0	981.3
25°	959.2	971.2	958.3	945.4	933.5	921.5	909.6	897.6	896.7	895.8	899.4
27.5°	886.6	897.6	885.7	873.7	863.6	853.5	844.3	835.1	833.2	831.4	832.3
30°	824.0	834.2	824.0	813.0	805.6	797.4	790.9	784.5	783.6	782.6	782.6
32.5°	767.9	778.1	770.7	763.3	756.9	750.5	745.9	741.3	736.7	732.1	721.9
35°	719.2	729.3	724.7	719.2	711.8	704.5	696.2	687.0	675.0	662.2	656.7
37.5°	677.8	687.9	683.3	678.7	668.6	658.5	643.8	628.1	624.5	619.9	618.9
40°	644.7	660.3	651.1	641.0	625.4	609.7	602.4	595.0	593.2	591.4	589.5
42.5°	607.9	631.8	615.3	598.7	584.0	569.3	567.4	565.6	564.7	563.8	563.8
45°	561.9	587.7	571.1	553.6	545.4	537.1	537.1	537.1	538.0	538.0	539.9
47.5°	518.7	534.3	526.1	517.8	513.2	508.6	509.5	510.4	513.2	515.0	519.6
50°	481.9	487.4	489.3	490.2	487.4	484.7	486.5	487.4	490.2	492.0	495.7
52.5°	455.2	463.5	463.5	462.6	462.6	462.6	464.4	466.3	469.0	471.8	475.5
55°	437.8	449.7	446.0	442.4	443.3	443.3	445.1	447.0	449.7	451.6	457.1
57.5°	421.2	434.1	430.4	426.7	426.7	426.7	427.7	428.6	431.3	433.2	436.8
60°	401.9	414.8	411.1	406.5	407.4	408.3	409.3	409.3	411.1	412.0	412.0
62.5°	378.9	391.8	388.1	383.5	386.3	388.1	388.1	388.1	389.9	390.9	388.1
65°	355.0	367.0	363.3	359.6	363.3	366.0	367.9	368.8	367.9	367.0	364.2
67.5°	329.2	341.2	337.5	332.9	337.5	341.2	344.9	347.6	344.9	342.1	338.4
70°	301.7	313.6	309.0	304.4	309.0	313.6	317.3	321.0	317.3	313.6	312.7
72.5°	272.2	286.0	280.5	275.0	280.5	286.0	287.9	289.7	286.9	284.2	282.3
75°	240.0	253.8	249.2	243.7	248.3	252.9	253.8	254.8	254.8	253.8	248.3
77.5°	206.0	217.0	214.3	211.5	214.3	217.0	217.0	217.0	218.0	218.0	210.6
80°	165.5	172.0	172.9	173.8	174.7	175.7	174.7	173.8	172.0	170.1	165.5
82.5°	123.2	123.2	130.6	137.0	137.0	136.1	135.2	133.4	129.7	125.1	115.0
85°	78.2	73.6	85.5	96.6	96.6	95.6	93.8	91.0	83.7	75.4	67.1
87.5°	26.7	22.1	34.0	46.0	46.9	46.9	45.1	43.2	35.9	27.6	21.2
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: P320258
 CATALOG NUMBER: GAN-SA4D-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: P320258

CATALOG NUMBER: GAN-SA4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0
2.5°	6066.2	6078.2	6089.2	6179.3	6268.5	6373.4	6478.2	6558.2	6637.3	6719.2	6801.0
5°	4851.3	4866.0	4880.7	4990.2	5098.7	5244.9	5391.2	5517.2	5643.2	5791.2	5939.3
7.5°	3596.0	3628.1	3659.4	3776.2	3892.1	4049.4	4205.7	4370.3	4534.0	4727.2	4920.3
10°	2824.3	2885.0	2944.8	3064.4	3183.9	3339.4	3493.9	3665.8	3837.8	4028.2	4217.7
12.5°	2286.3	2367.3	2447.3	2590.7	2734.2	2920.0	3104.8	3296.1	3486.5	3653.9	3821.3
15°	1806.3	1894.5	1981.9	2133.7	2285.4	2489.6	2692.8	2901.6	3109.4	3309.9	3510.4
17.5°	1409.0	1481.6	1553.3	1682.1	1809.9	2007.7	2205.4	2424.3	2643.2	2887.8	3131.5
20°	1136.7	1167.1	1197.4	1290.3	1382.3	1543.2	1703.2	1926.7	2150.2	2442.7	2735.1
22.5°	996.0	1011.6	1026.4	1071.4	1115.6	1219.5	1322.5	1520.2	1717.0	2036.2	2354.4
25°	911.4	923.4	935.3	964.7	994.2	1043.8	1093.5	1232.4	1371.2	1684.9	1997.5
27.5°	835.1	853.5	870.9	884.7	897.6	931.6	964.7	1055.8	1146.8	1439.3	1730.8
30°	779.9	786.3	792.8	813.9	834.2	869.1	904.0	967.5	1031.0	1278.4	1524.8
32.5°	715.5	724.7	733.9	756.0	778.1	810.2	842.4	893.9	944.5	1156.0	1366.6
35°	657.6	666.8	676.0	698.0	719.2	754.1	788.2	831.4	873.7	1057.6	1241.6
37.5°	621.7	630.9	640.1	659.4	677.8	712.8	746.8	780.8	813.9	984.1	1154.2
40°	591.4	600.6	609.7	628.1	645.6	679.6	712.8	741.3	769.8	928.9	1088.0
42.5°	564.7	574.8	584.9	603.3	620.8	651.1	681.5	719.2	756.0	881.1	1005.2
45°	542.6	552.7	561.9	582.2	602.4	631.8	661.3	713.7	766.1	856.2	946.4
47.5°	522.4	533.4	543.5	565.6	587.7	624.5	660.3	704.5	747.7	836.9	926.1
50°	503.1	515.9	528.8	555.5	581.2	642.9	703.6	710.0	715.5	821.3	926.1
52.5°	484.7	499.4	514.1	547.2	579.4	651.1	722.9	699.9	676.0	791.8	907.7
55°	466.3	479.2	491.1	531.6	572.0	624.5	676.9	646.5	615.3	736.7	858.1
57.5°	441.4	455.2	468.1	511.3	554.6	591.4	627.2	599.6	571.1	674.1	776.2
60°	415.7	431.3	447.0	502.1	556.4	550.0	542.6	537.1	530.7	604.2	677.8
62.5°	392.7	409.3	425.8	497.5	569.3	525.1	481.0	485.6	489.3	543.5	597.8
65°	369.7	386.3	401.9	437.8	473.6	456.2	438.7	446.0	452.5	505.8	559.2
67.5°	344.0	358.7	372.5	384.4	396.4	398.2	400.1	407.4	414.8	478.2	540.8
70°	315.5	327.4	339.4	347.6	355.0	358.7	361.4	370.6	379.8	448.8	517.8
72.5°	283.3	293.4	302.6	309.9	317.3	320.0	321.9	331.1	340.3	413.9	487.4
75°	248.3	256.6	263.9	270.4	276.8	280.5	284.2	290.6	297.1	377.1	456.2
77.5°	209.7	218.0	225.3	230.8	235.4	239.1	241.9	250.2	258.4	325.6	391.8
80°	163.7	173.8	183.0	187.6	191.3	192.2	192.2	199.6	206.9	254.8	301.7
82.5°	115.9	126.9	137.0	140.7	144.4	144.4	144.4	152.7	160.9	193.1	224.4
85°	68.1	80.0	91.0	94.7	98.4	100.2	101.2	104.8	107.6	130.6	152.7
87.5°	21.2	31.3	40.5	42.3	44.1	47.8	51.5	52.4	52.4	68.1	83.7
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: P320258
 CATALOG NUMBER: GAN-SA4D-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: P320258

CATALOG NUMBER: GAN-SA4D-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0	7008.0
2.5°	6894.9	6988.7	7098.1	7206.6	7299.5	7392.4	7469.7
5°	6127.8	6316.4	6547.2	6777.1	6982.2	7187.3	7425.5
7.5°	5164.0	5407.7	5706.6	6005.5	6295.2	6584.0	6950.0
10°	4466.0	4713.4	5029.7	5345.2	5670.8	5995.4	6409.3
12.5°	4022.7	4223.2	4529.4	4835.7	5218.3	5599.9	5998.2
15°	3730.2	3949.1	4247.1	4545.1	4963.5	5382.0	5840.0
17.5°	3418.5	3704.5	4086.1	4467.8	4963.5	5458.3	5998.2
20°	3092.0	3447.9	3942.7	4437.5	5105.2	5771.9	6460.8
22.5°	2766.4	3178.4	3813.0	4446.7	5319.4	6191.3	7121.1
25°	2473.0	2948.5	3733.9	4518.4	5631.2	6743.1	7896.4
27.5°	2250.5	2769.2	3701.7	4633.4	6026.7	7420.0	8739.7
30°	2052.7	2580.6	3663.1	4745.6	6407.4	8068.4	9399.1
32.5°	1881.7	2396.7	3588.6	4779.6	6673.2	8566.8	9957.4
35°	1747.4	2253.2	3463.5	4673.8	6839.7	9005.5	10538.6
37.5°	1631.5	2108.8	3321.0	4533.1	6987.7	9442.4	11192.5
40°	1521.2	1954.3	3198.7	4442.1	7191.9	9941.8	11883.2
42.5°	1416.3	1827.4	3100.2	4373.1	7381.4	10388.7	12487.4
45°	1338.1	1729.9	3012.9	4294.9	7503.7	10712.4	12942.7
47.5°	1299.5	1672.0	2966.0	4259.0	7626.0	10992.0	13320.7
50°	1294.0	1661.9	3019.3	4376.8	7890.9	11404.0	13752.9
52.5°	1293.1	1678.4	3172.9	4667.4	8382.9	12097.5	14221.0
55°	1273.8	1688.5	3355.9	5022.4	9043.2	13063.2	15062.5
57.5°	1214.9	1653.6	3544.5	5434.4	9741.3	14047.2	16010.7
60°	1123.9	1569.0	3699.9	5829.9	10210.3	14589.8	16375.8
62.5°	1009.8	1420.9	3751.4	6080.9	10197.4	14313.9	16008.0
65°	912.3	1265.5	3582.2	5897.9	9681.5	13464.1	15280.5
67.5°	825.9	1110.1	3159.1	5207.2	8753.5	12298.9	14355.3
70°	763.3	1008.0	2613.7	4219.5	7592.0	10963.5	13283.9
72.5°	723.8	959.2	2130.9	3301.7	6160.9	9019.3	11362.7
75°	669.5	882.9	1672.0	2460.1	4715.2	6970.3	8582.5
77.5°	568.4	744.0	1260.0	1775.9	3459.8	5142.9	5968.7
80°	438.7	574.8	866.3	1157.9	2381.1	3604.2	4069.6
82.5°	312.7	401.0	525.1	649.3	1581.9	2513.5	2552.1
85°	193.1	233.6	300.7	367.9	1046.6	1725.3	1437.5
87.5°	103.9	124.2	159.1	193.1	334.8	476.4	274.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320258
 CATALOG NUMBER: GAN-SA4D-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)