

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: P320309

Luminaire Tested: **GAN-SA5A-740-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320309
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-SA5A-740-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 4000K, 615mA 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: 20469 lumens
Efficiency: N/A
Efficacy: 126.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G4

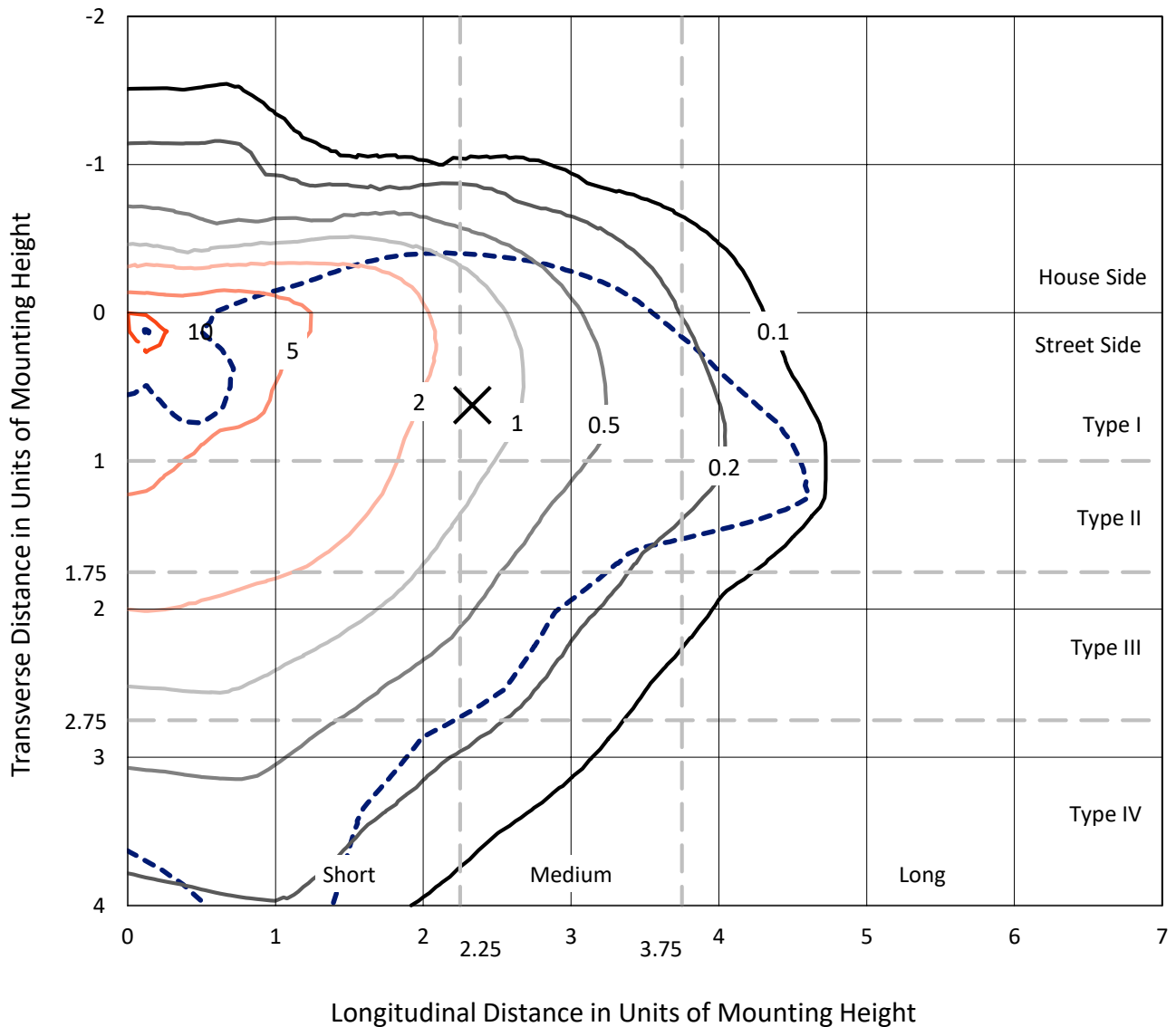
Input Watts (W): 162
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

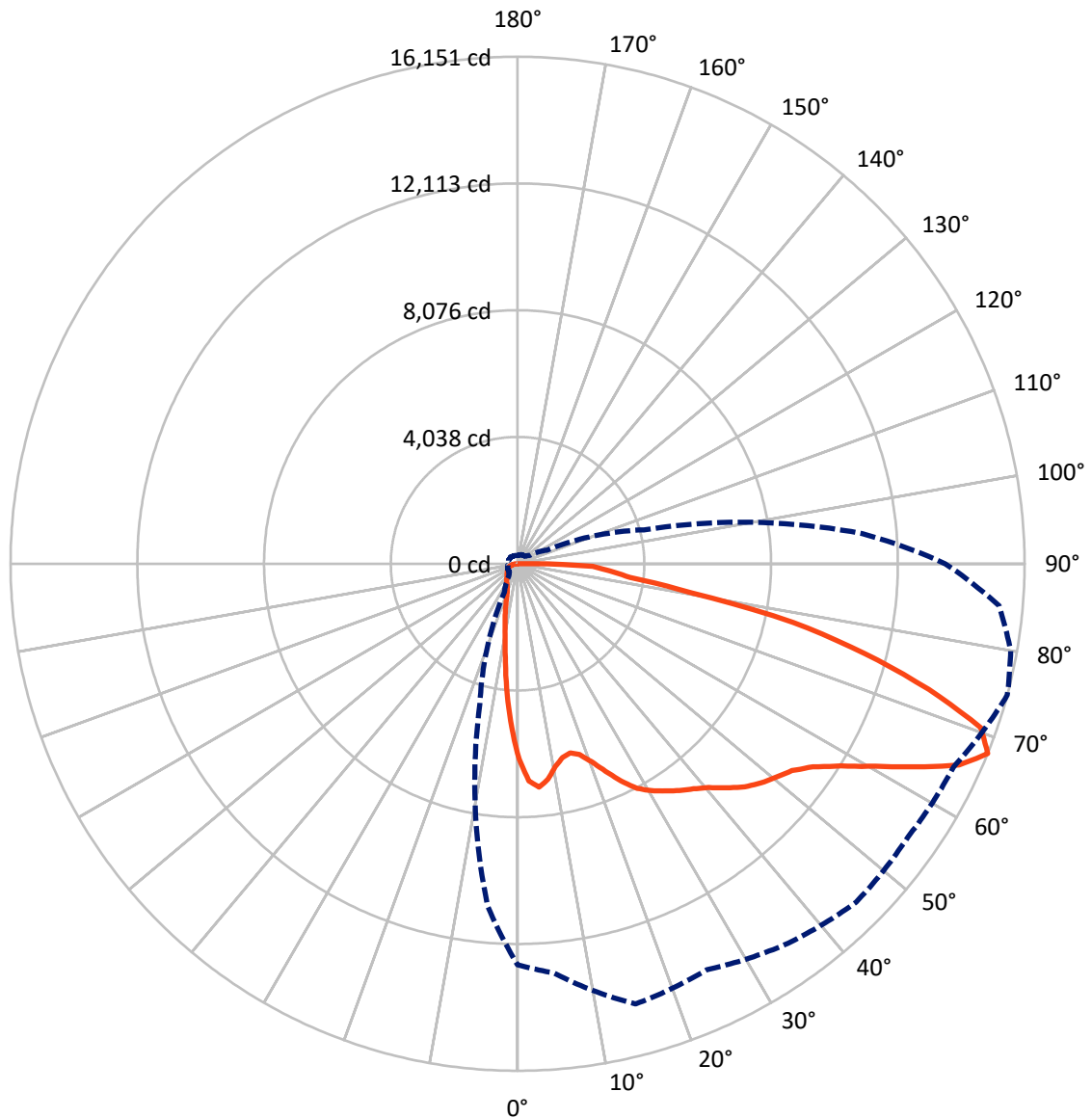
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.5 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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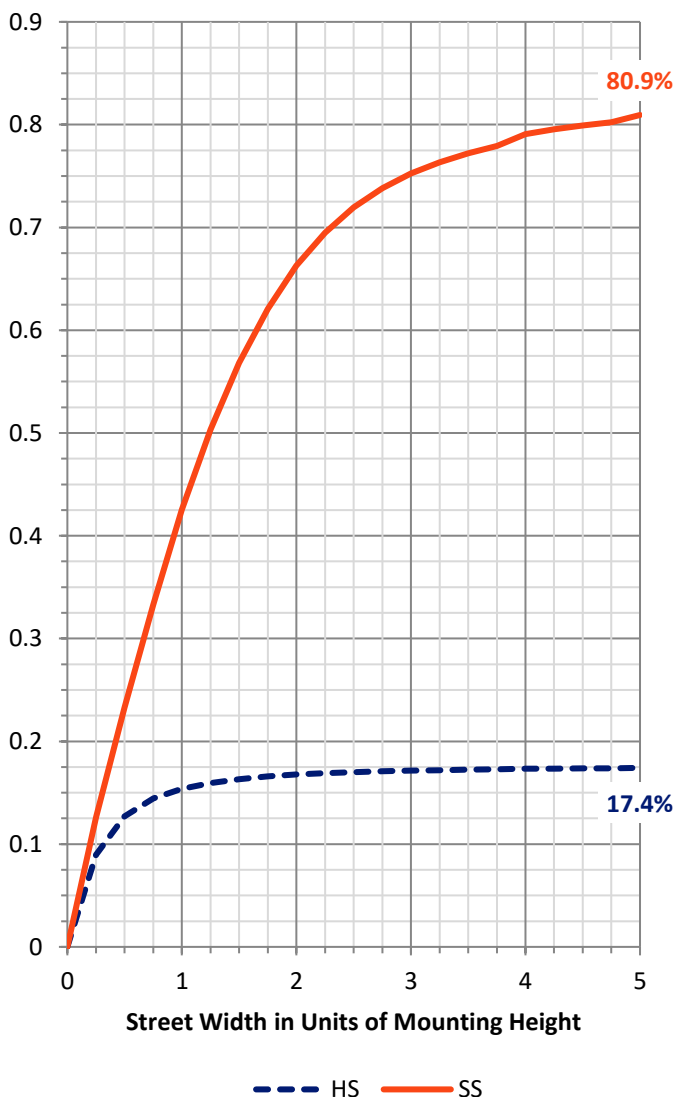
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3605.1	0.0	3605.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	16863.9	0.0	16863.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	20469.0	0.0	20469.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	481.3	2.4
10°-20°	999.8	4.9
20°-30°	1421.9	6.9
30°-40°	2049.0	10.0
40°-50°	2887.6	14.1
50°-60°	4014.3	19.6
60°-70°	4854.5	23.7
70°-80°	2984.0	14.6
80°-90°	776.5	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°	20469.0	100.0
0°-180°	20469.0	100.0

Coefficient of Utilization

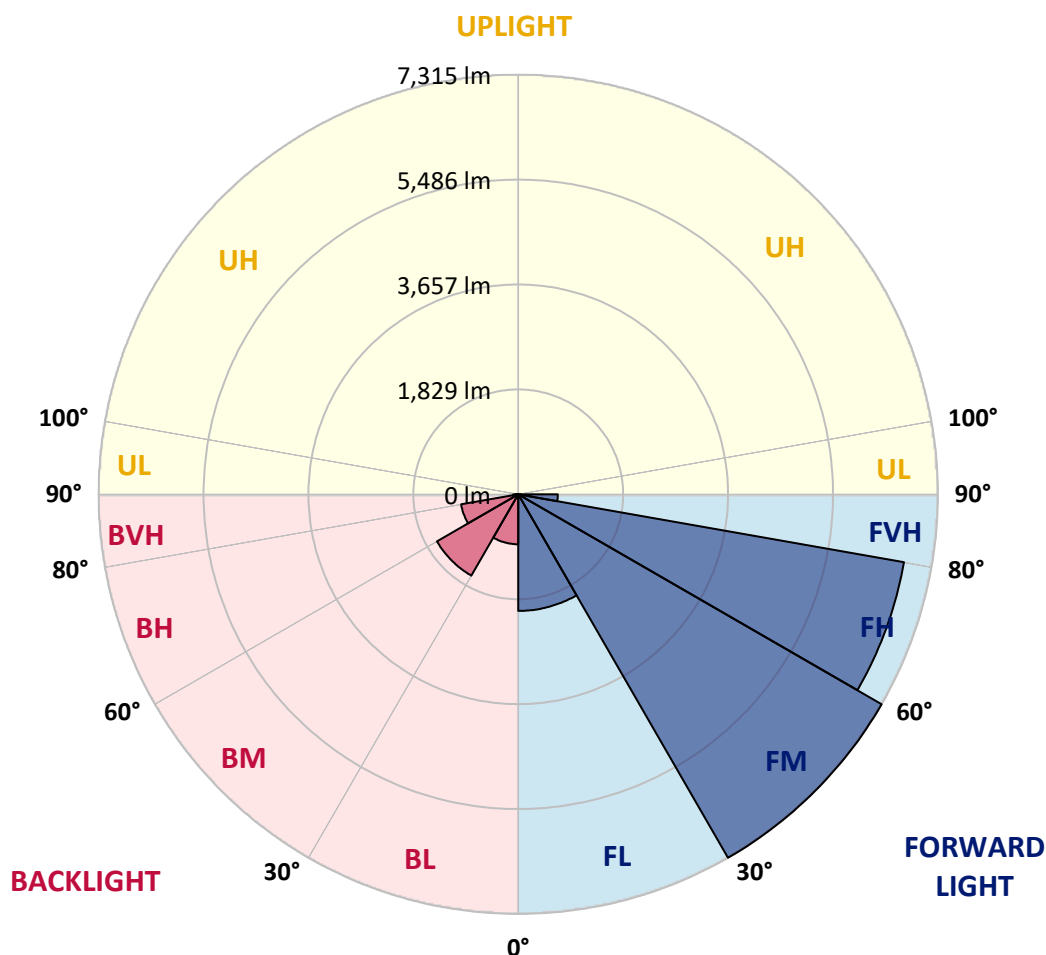


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2032.4	9.9			
FM (30°-60°)	7314.5	35.7			
FH (60°-80°)	6827.8	33.4			G3/7500
FVH (80°-90°)	689.2	3.4			G4/750
BL (0°-30°)	870.7	4.3	B2/1000		
BM (30°-60°)	1636.4	8.0	B2/2500		
BH (60°-80°)	1010.7	4.9	B3/2500		G3/2500
BVH (80°-90°)	87.2	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-G4
 Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	6646.8	6734.4	6794.9	6854.7	6901.3	6947.1	7014.2	7081.4	7094.4	7106.7	7080.5
5°	6607.5	6821.1	7002.8	7183.6	7351.4	7519.2	7619.8	7720.5	7741.0	7761.4	7698.4
7.5°	6184.4	6499.5	6814.6	7129.6	7418.5	7707.4	7883.4	8058.5	8098.6	8137.9	8034.8
10°	5703.2	6069.8	6456.9	6844.0	7224.6	7605.1	7859.6	8114.1	8164.9	8215.6	8087.1
12.5°	5337.4	5737.6	6150.9	6564.1	6966.0	7367.0	7630.5	7894.0	7957.0	8020.0	7926.7
15°	5196.6	5635.3	6024.0	6412.7	6763.0	7112.5	7328.5	7543.7	7569.9	7595.3	7580.6
17.5°	5337.4	5821.1	6173.0	6524.0	6714.7	6904.6	6991.3	7077.3	7105.9	7133.7	7171.4
20°	5749.0	6271.2	6519.1	6766.3	6758.1	6749.1	6707.4	6664.8	6657.4	6650.1	6756.5
22.5°	6336.6	6943.0	7042.1	7140.3	6910.3	6680.4	6540.4	6399.7	6371.8	6343.2	6456.1
25°	7026.5	7672.2	7654.2	7635.4	7197.6	6758.9	6492.1	6225.3	6194.2	6163.1	6259.7
27.5°	7777.0	8394.0	8276.2	8158.3	7563.4	6968.4	6581.3	6194.2	6163.1	6132.0	6217.2
30°	8363.7	8923.5	8734.5	8545.4	7871.9	7198.4	6738.5	6278.5	6227.8	6176.2	6281.0
32.5°	8860.5	9336.8	9083.1	8829.4	8122.3	7415.2	6917.7	6420.1	6340.7	6261.3	6401.3
35°	9377.7	9749.2	9392.4	9034.8	8345.7	7655.8	7129.6	6602.6	6505.2	6407.8	6600.2
37.5°	9959.6	10268.1	9755.8	9242.7	8597.0	7951.3	7447.2	6942.2	6842.4	6742.5	6988.1
40°	10574.2	10831.1	10147.8	9464.4	8871.9	8279.4	7886.6	7493.0	7398.1	7302.3	7600.2
42.5°	11111.8	11299.2	10512.8	9726.3	9203.4	8679.6	8403.0	8125.6	8124.8	8123.1	8425.1
45°	11516.9	11679.8	10817.2	9953.8	9526.6	9098.6	8954.6	8810.6	8926.0	9041.3	9314.7
47.5°	11853.3	11963.7	11072.5	10180.5	9896.5	9612.6	9633.8	9655.1	9890.0	10124.9	10300.8
50°	12237.9	12148.7	11304.1	10458.8	10371.2	10283.6	10475.1	10665.8	10935.9	11205.1	11324.6
52.5°	12654.4	12417.9	11618.4	10818.0	10916.2	11014.4	11404.0	11793.5	12066.0	12338.6	12383.6
55°	13403.3	13040.7	12196.2	11350.8	11539.8	11728.1	12300.1	12871.3	13084.1	13296.9	13313.2
57.5°	14247.0	13925.4	13005.5	12085.7	12288.6	12491.6	13152.0	13811.6	14041.6	14270.7	14238.8
60°	14571.9	14587.4	13774.0	12959.7	13164.3	13368.9	14012.1	14655.4	14919.7	15183.2	15112.8
62.5°	14244.5	14628.4	14193.8	13758.4	13944.2	14129.2	14759.3	15389.4	15660.3	15931.2	15808.4
65°	13597.2	13977.8	14172.5	14367.3	14428.7	14490.1	15078.5	15666.1	15873.9	16081.0	16018.8
67.5°	12773.9	13081.6	13800.2	14517.9	14394.3	14270.7	14546.5	14822.3	15035.9	15249.5	15214.3
70°	11820.5	12187.2	13145.5	14103.8	13496.6	12888.5	12774.8	12661.0	12891.8	13121.7	12979.3
72.5°	10111.0	10664.2	11686.3	12707.6	11588.9	10470.2	10081.5	9692.8	9984.9	10277.1	10050.4
75°	7637.0	8371.1	9500.5	10629.0	9294.2	7959.5	7440.6	6921.8	7173.0	7424.2	7268.8
77.5°	5311.2	6231.9	7344.0	8456.2	7099.4	5741.7	5356.2	4970.0	5045.2	5119.7	5093.5
80°	3621.3	4226.9	5002.7	5777.7	4874.2	3970.7	4001.0	4030.5	3995.3	3959.3	4011.6
82.5°	2271.0	2697.3	3296.4	3894.6	3415.1	2935.5	3210.5	3485.4	3350.4	3214.6	3265.3
85°	1279.1	1539.4	2125.3	2710.4	2526.3	2341.4	2502.6	2663.0	2453.5	2244.0	2336.4
87.5°	243.9	405.9	1176.0	1945.3	1766.0	1586.8	1379.0	1171.1	893.7	616.2	900.2
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



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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°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	7054.3	7040.4	7026.5	6976.6	6925.9	6850.6	6788.4	6680.4	6621.4	6532.2	6443.0
5°	7634.6	7546.2	7457.8	7305.6	7152.6	6982.3	6786.7	6569.9	6406.2	6193.4	5980.6
7.5°	7931.6	7725.4	7518.4	7226.2	6933.2	6669.7	6360.4	6072.3	5826.8	5550.2	5273.6
10°	7958.6	7649.3	7339.1	6959.4	6578.9	6258.9	5902.9	5582.9	5288.3	4970.8	4652.4
12.5°	7832.6	7503.6	7173.8	6755.6	6336.6	5973.3	5590.3	5231.8	4905.3	4555.9	4205.6
15°	7565.8	7303.1	7039.6	6647.6	6255.6	5889.0	5517.4	5092.7	4723.6	4366.0	4007.6
17.5°	7208.2	7083.8	6958.6	6675.4	6391.5	6073.9	5713.9	5215.5	4783.4	4394.6	4005.9
20°	6862.0	6907.9	6952.9	6839.9	6727.0	6472.5	6158.2	5598.5	5046.9	4538.7	4029.7
22.5°	6568.2	6788.4	7007.7	7095.3	7182.0	7029.0	6783.5	6136.1	5406.1	4742.5	4078.8
25°	6355.5	6720.5	7085.4	7376.8	7667.3	7599.4	7410.3	6789.2	5882.4	5036.2	4189.2
27.5°	6302.3	6749.9	7197.6	7649.3	8100.2	8163.2	8110.9	7477.4	6450.4	5401.2	4351.3
30°	6385.7	6839.1	7291.7	7841.6	8390.7	8642.0	8712.4	8051.1	7099.4	5826.8	4553.4
32.5°	6541.2	6985.6	7430.0	8029.0	8627.3	9007.0	9231.2	8575.7	7551.9	6147.6	4742.5
35°	6792.5	7208.2	7623.9	8247.5	8871.1	9362.1	9771.3	9117.5	7953.7	6371.8	4789.1
37.5°	7232.8	7590.4	7948.0	8524.1	9099.5	9736.1	10350.7	9714.0	8388.3	6587.9	4786.6
40°	7898.1	8151.0	8403.0	8889.9	9376.1	10177.2	11007.1	10379.4	8868.7	6821.9	4775.2
42.5°	8727.1	8857.2	8986.5	9372.0	9757.4	10638.0	11602.8	11030.0	9327.0	7039.6	4752.3
45°	9587.2	9621.6	9655.9	9899.0	10141.2	11003.0	12008.8	11518.6	9727.1	7228.7	4729.4
47.5°	10475.9	10358.1	10240.3	10336.8	10433.4	11282.9	12298.5	11889.3	10129.0	7438.2	4746.5
50°	11444.1	11115.9	10787.7	10737.0	10686.3	11562.7	12639.7	12360.7	10611.8	7743.4	4875.0
52.5°	12427.8	11886.8	11345.9	11145.4	10944.1	11896.6	13092.3	12947.4	11300.9	8216.4	5131.2
55°	13329.6	12641.4	11953.1	11683.0	11413.0	12407.3	13644.7	13809.2	12183.9	8821.2	5457.7
57.5°	14206.1	13426.2	12646.3	12395.8	12145.4	13157.7	14344.4	14582.5	13075.9	9401.4	5726.1
60°	15042.5	14270.7	13498.2	13297.7	13096.4	14090.7	15100.6	14927.1	13535.8	9673.1	5809.6
62.5°	15685.7	15071.9	14458.1	14352.6	14246.2	15034.3	15681.6	14792.8	13243.7	9405.5	5567.4
65°	15956.6	15607.1	15256.9	15355.9	15454.1	15747.9	15826.5	14400.0	12325.5	8655.9	4986.3
67.5°	15178.3	15249.5	15320.7	15736.4	16151.3	15949.2	15396.0	13625.9	11018.5	7593.7	4168.8
70°	12836.1	13263.3	13689.7	14673.4	15656.2	15207.8	14242.9	12236.3	9445.6	6370.2	3293.9
72.5°	9822.9	10303.3	10782.8	12242.8	13702.0	13288.7	12107.0	10050.4	7573.2	5087.0	2600.0
75°	7112.5	7655.0	8196.8	9807.3	11417.9	10844.2	9056.1	7195.9	5752.3	3883.2	2013.2
77.5°	5066.5	5429.9	5793.2	7384.1	8974.2	8039.7	6028.1	4842.3	3981.4	2699.0	1415.8
80°	4064.0	3952.7	3841.4	4727.7	5614.0	5458.5	3987.1	3109.8	2755.5	1808.6	861.7
82.5°	3315.2	3043.5	2771.8	3189.2	3606.6	3583.6	2766.9	2281.6	2050.8	1257.0	463.2
85°	2428.1	2319.3	2210.4	2579.5	2948.6	2633.5	1874.1	1450.2	1599.1	925.6	252.1
87.5°	1184.2	1352.8	1520.5	1955.9	2390.5	1794.7	568.8	281.5	389.5	256.1	121.9
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



REPORT NUMBER: P320309
 CATALOG NUMBER: GAN-SA5A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320309

CATALOG NUMBER: GAN-SA5A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	6376.7	6309.6	6233.5	6157.4	6070.7	5983.1	5931.5	5879.2	5822.7	5766.2	5702.4
5°	5839.9	5699.1	5539.5	5380.0	5222.0	5064.1	4979.0	4893.9	4803.8	4713.0	4634.4
7.5°	5069.0	4863.6	4642.6	4420.8	4224.4	4027.2	3905.3	3782.5	3671.2	3559.1	3465.0
10°	4390.6	4128.7	3906.9	3684.3	3536.2	3388.1	3275.9	3163.8	3055.8	2946.9	2843.0
12.5°	3943.7	3681.8	3541.1	3400.3	3277.6	3154.8	3025.5	2895.4	2747.3	2598.3	2489.5
15°	3769.4	3531.3	3375.0	3217.8	3053.3	2888.0	2729.3	2570.5	2395.4	2220.2	2096.7
17.5°	3694.1	3382.3	3163.8	2944.5	2727.6	2510.8	2326.6	2142.5	1951.0	1759.5	1634.3
20°	3614.7	3199.8	2906.8	2613.1	2334.8	2056.6	1847.9	1639.2	1468.2	1297.1	1201.4
22.5°	3542.7	3005.9	2638.4	2270.2	1941.2	1612.2	1407.6	1202.2	1097.4	992.7	954.2
25°	3513.3	2836.5	2384.7	1933.0	1586.0	1238.2	1092.5	946.9	906.8	865.8	846.2
27.5°	3518.2	2685.1	2171.1	1656.4	1343.8	1031.1	931.3	831.5	806.9	781.5	769.3
30°	3537.0	2520.6	1969.8	1419.1	1161.3	903.5	838.8	773.4	747.2	721.0	705.4
32.5°	3558.3	2373.3	1814.3	1254.6	1044.2	833.1	779.9	725.9	700.5	675.2	659.6
35°	3521.4	2253.0	1707.9	1162.9	968.9	774.2	729.2	683.3	655.5	627.7	613.0
37.5°	3459.2	2131.9	1625.3	1117.9	919.8	721.0	688.2	654.7	626.1	596.6	582.7
40°	3402.8	2029.6	1563.9	1097.4	892.8	687.4	659.6	631.8	602.3	572.0	555.7
42.5°	3357.0	1960.8	1503.3	1045.9	868.3	689.9	650.6	610.5	581.9	553.2	535.2
45°	3322.6	1915.8	1455.9	996.0	845.4	694.8	644.9	595.0	566.3	536.9	515.6
47.5°	3319.3	1892.1	1422.3	952.6	802.0	650.6	630.1	609.7	567.9	525.4	500.8
50°	3364.3	1853.6	1383.0	911.7	760.3	608.9	636.7	663.7	592.5	520.5	489.4
52.5°	3458.4	1785.7	1320.8	856.0	709.5	562.2	605.6	648.1	586.8	524.6	484.5
55°	3572.2	1685.8	1226.7	766.8	642.4	517.2	555.7	593.3	554.9	515.6	467.3
57.5°	3643.4	1559.8	1108.1	656.3	567.1	477.9	500.0	521.3	505.8	490.2	441.1
60°	3600.8	1392.0	974.7	556.5	500.8	445.2	441.1	436.2	459.1	482.0	425.6
62.5°	3393.0	1218.6	856.8	495.1	453.4	410.8	401.8	392.0	429.6	466.5	406.7
65°	3041.9	1097.4	782.4	467.3	420.6	374.0	364.2	354.4	365.8	377.3	349.4
67.5°	2595.9	1023.0	739.8	456.7	400.2	342.9	331.4	320.0	317.5	315.1	305.3
70°	2135.9	977.1	712.0	446.8	378.1	308.5	297.9	287.2	284.0	279.9	272.5
72.5°	1785.7	971.4	708.7	446.0	360.1	274.2	264.3	254.5	250.4	245.5	239.8
75°	1462.4	911.7	672.7	433.7	335.5	236.5	227.5	218.5	215.2	211.1	206.2
77.5°	1085.2	754.5	565.5	376.5	287.2	198.0	189.0	179.2	178.4	176.8	172.7
80°	703.8	545.9	404.3	262.7	209.5	155.5	148.1	139.9	140.8	141.6	138.3
82.5°	391.2	318.3	247.1	175.9	143.2	110.5	107.2	103.1	105.6	107.2	103.1
85°	206.2	160.4	132.6	104.8	82.7	60.6	60.6	59.7	63.0	66.3	63.0
87.5°	89.2	56.5	48.3	39.3	22.1	4.1	4.9	4.9	6.5	8.2	7.4
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: P320309
 CATALOG NUMBER: GAN-SA5A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320309
 CATALOG NUMBER: GAN-SA5A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	5637.7	5578.0	5517.4	5451.2	5463.4	5412.7	5362.0	5330.0	5298.1	5288.3	5278.5
5°	4555.9	4487.9	4419.2	4357.8	4411.0	4375.0	4339.0	4334.1	4328.4	4328.4	4327.5
7.5°	3370.9	3298.0	3224.4	3173.6	3226.0	3219.5	3212.9	3248.1	3283.3	3311.9	3339.8
10°	2739.1	2650.7	2561.5	2486.2	2473.1	2435.5	2397.0	2405.2	2412.6	2443.7	2474.7
12.5°	2380.6	2275.1	2169.5	2081.1	2041.0	1978.8	1915.8	1876.5	1837.2	1841.3	1844.6
15°	1972.3	1870.0	1766.9	1690.8	1665.4	1617.1	1568.8	1519.7	1469.8	1449.3	1428.1
17.5°	1508.3	1426.4	1343.8	1293.0	1293.0	1279.1	1265.2	1240.6	1215.3	1194.8	1173.5
20°	1105.6	1062.2	1018.1	996.8	1003.3	1004.1	1004.1	1016.4	1028.7	1022.1	1015.6
22.5°	914.9	899.4	883.8	874.8	878.1	878.9	879.7	891.2	901.8	910.0	917.4
25°	825.7	815.9	806.1	802.8	810.2	811.0	811.0	818.4	825.7	833.9	842.1
27.5°	756.2	752.1	748.0	742.3	749.6	749.6	748.8	757.0	764.4	771.7	778.3
30°	689.9	691.5	692.3	690.7	695.6	698.9	701.3	707.1	712.0	717.7	723.4
32.5°	643.2	640.8	638.3	636.7	647.3	653.1	658.8	664.5	669.4	671.9	674.3
35°	598.2	592.5	586.8	582.7	592.5	599.9	607.2	617.9	627.7	629.3	631.0
37.5°	567.9	560.6	553.2	548.3	552.4	555.7	558.9	570.4	581.9	588.4	594.1
40°	539.3	531.9	524.6	520.5	522.9	523.8	524.6	530.3	535.2	547.5	558.9
42.5°	516.4	507.4	498.4	493.5	495.1	496.8	497.6	496.8	495.9	507.4	518.8
45°	493.5	483.7	473.8	468.1	468.9	468.9	468.9	467.3	464.8	470.6	476.3
47.5°	475.5	464.0	452.6	446.8	445.2	443.6	441.9	441.1	439.5	443.6	446.8
50°	457.5	445.2	432.1	425.6	421.5	419.8	418.2	417.4	415.7	419.8	423.1
52.5°	443.6	428.8	414.1	403.5	399.4	396.9	394.5	395.3	395.3	396.9	397.7
55°	419.0	405.9	392.0	384.6	377.3	375.6	374.0	376.5	378.1	378.1	378.1
57.5°	392.0	379.7	366.6	361.7	355.2	355.2	354.4	357.6	360.1	361.7	363.4
60°	368.3	354.4	340.4	336.3	333.9	333.1	332.3	336.3	339.6	342.9	346.2
62.5°	346.2	331.4	316.7	311.8	311.0	311.8	311.8	315.9	319.2	322.4	325.7
65°	321.6	306.9	291.3	286.4	288.1	290.5	293.0	296.2	298.7	302.0	305.3
67.5°	294.6	282.3	269.2	264.3	265.2	268.4	271.7	274.2	275.8	279.1	282.3
70°	265.2	254.5	243.9	240.6	239.8	243.9	247.1	248.8	250.4	254.5	257.8
72.5°	233.2	224.2	215.2	212.8	213.6	216.0	218.5	221.0	222.6	226.7	230.0
75°	200.5	192.3	184.1	182.5	184.1	186.6	189.0	190.7	192.3	197.2	201.3
77.5°	168.6	159.6	149.8	148.9	151.4	153.9	155.5	157.9	160.4	166.9	173.5
80°	135.0	125.2	114.6	113.8	116.2	118.7	121.1	123.6	126.0	134.2	141.6
82.5°	99.0	87.6	76.1	74.5	82.7	85.1	87.6	91.7	94.9	102.3	109.7
85°	59.7	48.3	36.8	36.0	43.4	47.5	51.6	56.5	60.6	67.1	73.7
87.5°	6.5	3.3	0.0	0.0	0.8	4.1	7.4	11.5	15.5	22.1	27.8
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: P320309
 CATALOG NUMBER: GAN-SA5A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320309
 CATALOG NUMBER: GAN-SA5A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	5242.5	5205.6	5243.3	5280.1	5295.7	5311.2	5271.1	5230.2	5294.0	5357.0	5373.4
5°	4294.8	4261.3	4286.6	4311.2	4256.3	4201.5	4195.8	4189.2	4236.7	4284.2	4291.5
7.5°	3329.1	3318.5	3342.2	3366.0	3296.4	3226.0	3191.6	3157.3	3168.7	3180.2	3178.5
10°	2482.1	2488.7	2518.1	2546.8	2492.8	2438.7	2415.0	2391.3	2417.5	2442.8	2466.6
12.5°	1859.3	1873.2	1904.3	1934.6	1912.5	1889.6	1892.1	1894.5	1924.8	1954.3	1980.5
15°	1444.4	1460.8	1482.9	1504.2	1505.0	1505.0	1526.3	1546.7	1544.3	1541.8	1559.8
17.5°	1195.6	1216.9	1219.4	1221.8	1222.6	1223.5	1221.8	1220.2	1207.9	1195.6	1209.6
20°	1023.8	1031.1	1037.7	1043.4	1036.1	1027.9	1007.4	987.0	978.8	970.6	983.7
22.5°	931.3	944.4	937.9	930.5	915.8	900.2	884.7	868.3	867.5	865.8	873.2
25°	853.6	864.2	852.7	841.3	830.6	820.0	809.4	798.7	797.9	797.1	800.4
27.5°	788.9	798.7	788.1	777.5	768.4	759.4	751.3	743.1	741.4	739.8	740.6
30°	733.3	742.3	733.3	723.4	716.9	709.5	703.8	698.1	697.3	696.4	696.4
32.5°	683.3	692.3	685.8	679.2	673.5	667.8	663.7	659.6	655.5	651.4	642.4
35°	640.0	649.0	644.9	640.0	633.4	626.9	619.5	611.3	600.7	589.2	584.3
37.5°	603.1	612.1	608.0	604.0	595.0	586.0	572.9	558.9	555.7	551.6	550.8
40°	573.7	587.6	579.4	570.4	556.5	542.6	536.0	529.5	527.8	526.2	524.6
42.5°	540.9	562.2	547.5	532.8	519.7	506.6	504.9	503.3	502.5	501.7	501.7
45°	500.0	522.9	508.2	492.7	485.3	477.9	477.9	477.9	478.7	478.7	480.4
47.5°	461.6	475.5	468.1	460.7	456.7	452.6	453.4	454.2	456.7	458.3	462.4
50°	428.8	433.7	435.4	436.2	433.7	431.3	432.9	433.7	436.2	437.8	441.1
52.5°	405.1	412.5	412.5	411.6	411.6	411.6	413.3	414.9	417.4	419.8	423.1
55°	389.5	400.2	396.9	393.6	394.5	394.5	396.1	397.7	400.2	401.8	406.7
57.5°	374.8	386.3	383.0	379.7	379.7	379.7	380.5	381.4	383.8	385.5	388.7
60°	357.6	369.1	365.8	361.7	362.5	363.4	364.2	364.2	365.8	366.6	366.6
62.5°	337.2	348.6	345.4	341.3	343.7	345.4	345.4	345.4	347.0	347.8	345.4
65°	315.9	326.5	323.3	320.0	323.3	325.7	327.3	328.2	327.3	326.5	324.1
67.5°	293.0	303.6	300.3	296.2	300.3	303.6	306.9	309.3	306.9	304.4	301.2
70°	268.4	279.1	275.0	270.9	275.0	279.1	282.3	285.6	282.3	279.1	278.2
72.5°	242.2	254.5	249.6	244.7	249.6	254.5	256.1	257.8	255.3	252.9	251.2
75°	213.6	225.9	221.8	216.9	221.0	225.1	225.9	226.7	226.7	225.9	221.0
77.5°	183.3	193.1	190.7	188.2	190.7	193.1	193.1	193.1	194.0	194.0	187.4
80°	147.3	153.0	153.9	154.7	155.5	156.3	155.5	154.7	153.0	151.4	147.3
82.5°	109.7	109.7	116.2	121.9	121.9	121.1	120.3	118.7	115.4	111.3	102.3
85°	69.6	65.5	76.1	85.9	85.9	85.1	83.5	81.0	74.5	67.1	59.7
87.5°	23.7	19.6	30.3	40.9	41.7	41.7	40.1	38.5	31.9	24.6	18.8
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: P320309
 CATALOG NUMBER: GAN-SA5A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320309

CATALOG NUMBER: GAN-SA5A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	5398.0	5408.6	5418.4	5498.6	5578.0	5671.3	5764.6	5835.8	5906.2	5979.0	6051.8
5°	4316.9	4330.0	4343.1	4440.5	4537.0	4667.2	4797.3	4909.4	5021.5	5153.3	5285.0
7.5°	3199.8	3228.5	3256.3	3360.2	3463.3	3603.3	3742.4	3888.9	4034.6	4206.4	4378.3
10°	2513.2	2567.2	2620.4	2726.8	2833.2	2971.5	3109.0	3262.0	3415.1	3584.5	3753.0
12.5°	2034.5	2106.5	2177.7	2305.3	2433.0	2598.3	2762.8	2933.0	3102.4	3251.4	3400.3
15°	1607.3	1685.8	1763.6	1898.6	2033.6	2215.3	2396.2	2582.0	2766.9	2945.3	3123.7
17.5°	1253.7	1318.4	1382.2	1496.8	1610.6	1786.5	1962.5	2157.2	2352.0	2569.7	2786.5
20°	1011.5	1038.5	1065.5	1148.2	1230.0	1373.2	1515.6	1714.5	1913.3	2173.6	2433.8
22.5°	886.3	900.2	913.3	953.4	992.7	1085.2	1176.8	1352.8	1527.9	1811.9	2095.0
25°	811.0	821.6	832.3	858.5	884.7	928.8	973.0	1096.6	1220.2	1499.3	1777.5
27.5°	743.1	759.4	775.0	787.3	798.7	829.0	858.5	939.5	1020.5	1280.7	1540.2
30°	694.0	699.7	705.4	724.3	742.3	773.4	804.5	860.9	917.4	1137.5	1356.9
32.5°	636.7	644.9	653.1	672.7	692.3	721.0	749.6	795.5	840.5	1028.7	1216.1
35°	585.1	593.3	601.5	621.1	640.0	671.1	701.3	739.8	777.5	941.1	1104.8
37.5°	553.2	561.4	569.6	586.8	603.1	634.2	664.5	694.8	724.3	875.7	1027.1
40°	526.2	534.4	542.6	558.9	574.5	604.8	634.2	659.6	685.0	826.6	968.1
42.5°	502.5	511.5	520.5	536.9	552.4	579.4	606.4	640.0	672.7	784.0	894.5
45°	482.8	491.8	500.0	518.0	536.0	562.2	588.4	635.1	681.7	761.9	842.1
47.5°	464.8	474.7	483.7	503.3	522.9	555.7	587.6	626.9	665.3	744.7	824.1
50°	447.6	459.1	470.6	494.3	517.2	572.0	626.1	631.8	636.7	730.8	824.1
52.5°	431.3	444.4	457.5	486.9	515.6	579.4	643.2	622.8	601.5	704.6	807.7
55°	414.9	426.4	437.0	473.0	509.0	555.7	602.3	575.3	547.5	655.5	763.5
57.5°	392.8	405.1	416.6	455.0	493.5	526.2	558.1	533.6	508.2	599.9	690.7
60°	369.9	383.8	397.7	446.8	495.1	489.4	482.8	477.9	472.2	537.7	603.1
62.5°	349.4	364.2	378.9	442.7	506.6	467.3	428.0	432.1	435.4	483.7	531.9
65°	329.0	343.7	357.6	389.5	421.5	405.9	390.4	396.9	402.6	450.1	497.6
67.5°	306.1	319.2	331.4	342.1	352.7	354.4	356.0	362.5	369.1	425.6	481.2
70°	280.7	291.3	302.0	309.3	315.9	319.2	321.6	329.8	338.0	399.4	460.7
72.5°	252.1	261.1	269.2	275.8	282.3	284.8	286.4	294.6	302.8	368.3	433.7
75°	221.0	228.3	234.9	240.6	246.3	249.6	252.9	258.6	264.3	335.5	405.9
77.5°	186.6	194.0	200.5	205.4	209.5	212.8	215.2	222.6	230.0	289.7	348.6
80°	145.7	154.7	162.9	166.9	170.2	171.0	171.0	177.6	184.1	226.7	268.4
82.5°	103.1	112.9	121.9	125.2	128.5	128.5	128.5	135.8	143.2	171.9	199.7
85°	60.6	71.2	81.0	84.3	87.6	89.2	90.0	93.3	95.7	116.2	135.8
87.5°	18.8	27.8	36.0	37.6	39.3	42.6	45.8	46.6	46.6	60.6	74.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320309
 CATALOG NUMBER: GAN-SA5A-740-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°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	6135.3	6218.8	6316.2	6412.7	6495.4	6578.1	6646.8
5°	5452.8	5620.6	5826.0	6030.6	6213.1	6395.6	6607.5
7.5°	4595.1	4812.0	5078.0	5344.0	5601.7	5858.7	6184.4
10°	3974.0	4194.1	4475.7	4756.4	5046.1	5335.0	5703.2
12.5°	3579.5	3758.0	4030.5	4303.0	4643.4	4983.1	5337.4
15°	3319.3	3514.1	3779.2	4044.4	4416.7	4789.1	5196.6
17.5°	3041.9	3296.4	3636.0	3975.6	4416.7	4857.0	5337.4
20°	2751.4	3068.1	3508.4	3948.6	4542.8	5136.1	5749.0
22.5°	2461.7	2828.3	3393.0	3956.8	4733.5	5509.3	6336.6
25°	2200.6	2623.7	3322.6	4020.7	5010.9	6000.3	7026.5
27.5°	2002.6	2464.1	3293.9	4122.9	5362.8	6602.6	7777.0
30°	1826.6	2296.3	3259.6	4222.8	5701.6	7179.6	8363.7
32.5°	1674.4	2132.7	3193.3	4253.1	5938.1	7623.1	8860.5
35°	1554.9	2005.0	3082.0	4159.0	6086.2	8013.5	9377.7
37.5°	1451.8	1876.5	2955.1	4033.7	6218.0	8402.2	9959.6
40°	1353.6	1739.0	2846.3	3952.7	6399.7	8846.6	10574.2
42.5°	1260.3	1626.1	2758.7	3891.3	6568.2	9244.3	11111.8
45°	1190.7	1539.4	2681.0	3821.8	6677.1	9532.4	11516.9
47.5°	1156.4	1487.8	2639.2	3789.9	6785.9	9781.2	11853.3
50°	1151.4	1478.8	2686.7	3894.6	7021.6	10147.8	12237.9
52.5°	1150.6	1493.5	2823.4	4153.2	7459.4	10764.8	12654.4
55°	1133.4	1502.5	2986.2	4469.1	8047.0	11624.1	13403.3
57.5°	1081.1	1471.4	3154.0	4835.7	8668.2	12499.8	14247.0
60°	1000.0	1396.1	3292.3	5187.6	9085.5	12982.6	14571.9
62.5°	898.6	1264.4	3338.1	5411.1	9074.1	12737.1	14244.5
65°	811.8	1126.1	3187.5	5248.2	8615.0	11980.9	13597.2
67.5°	734.9	987.8	2811.1	4633.6	7789.2	10944.1	12773.9
70°	679.2	896.9	2325.8	3754.7	6755.6	9755.8	11820.5
72.5°	644.1	853.6	1896.2	2937.9	5482.3	8025.8	10111.0
75°	595.8	785.6	1487.8	2189.1	4195.8	6202.4	7637.0
77.5°	505.8	662.1	1121.2	1580.3	3078.7	4576.3	5311.2
80°	390.4	511.5	770.9	1030.3	2118.8	3207.2	3621.3
82.5°	278.2	356.8	467.3	577.8	1407.6	2236.6	2271.0
85°	171.9	207.9	267.6	327.3	931.3	1535.3	1279.1
87.5°	92.5	110.5	141.6	171.9	297.9	423.9	243.9
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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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)