

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: P320318

Luminaire Tested: **GAN-SA4B-740-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320318
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-SA4B-740-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 4000K, 800mA 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: 20259 lumens
Efficiency: N/A
Efficacy: 118.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G4

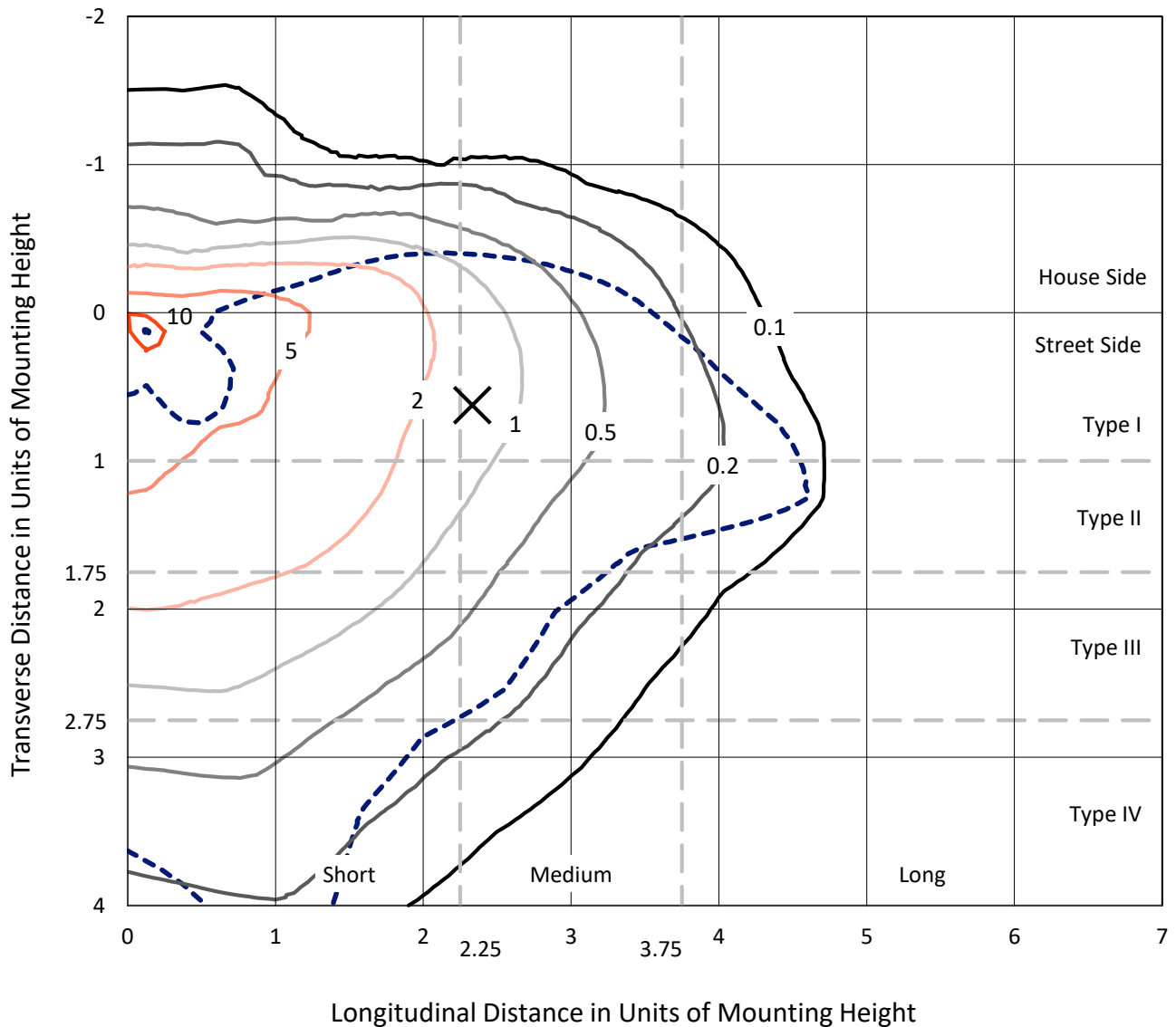
Input Watts (W): 171
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

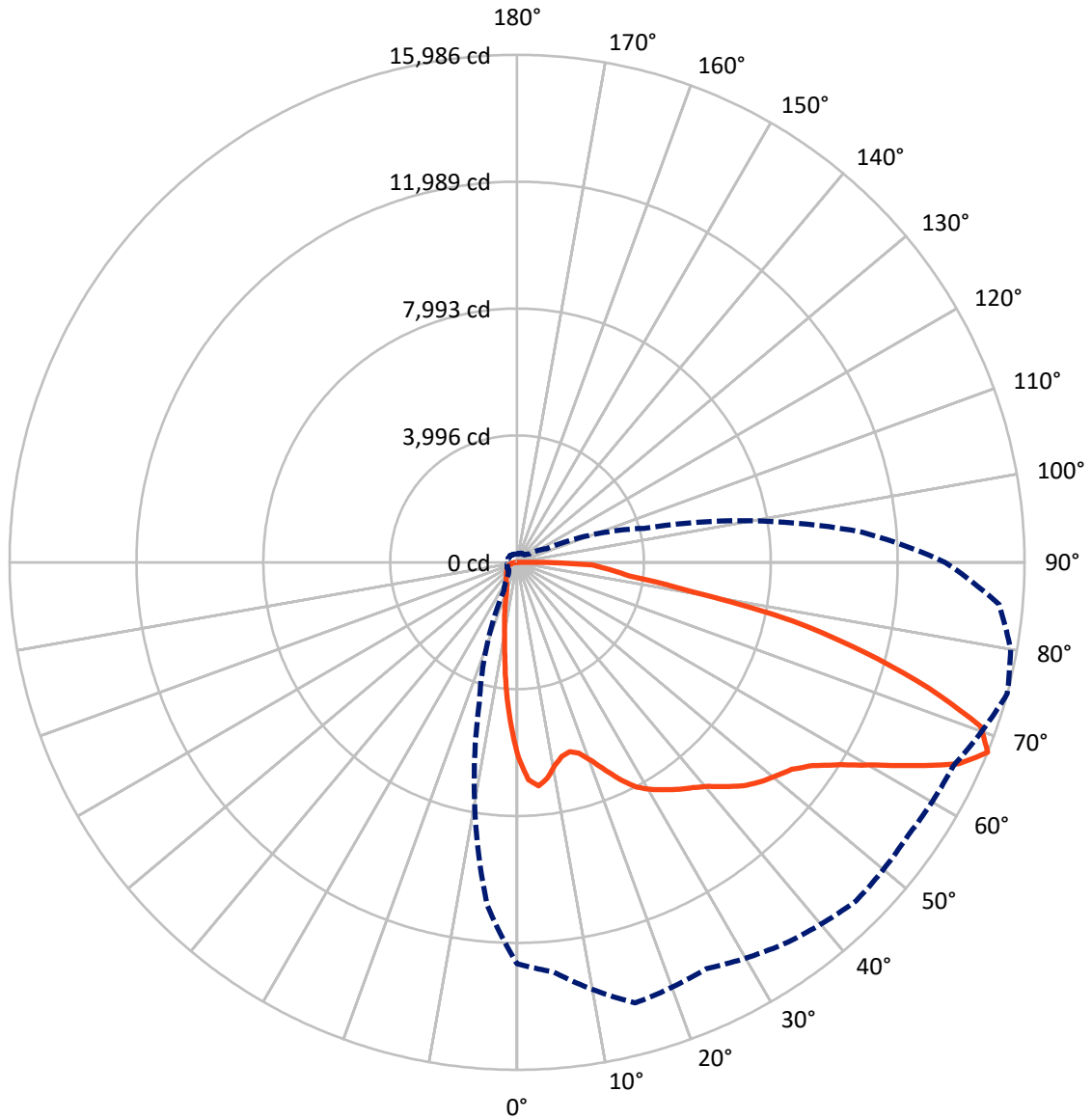
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.4 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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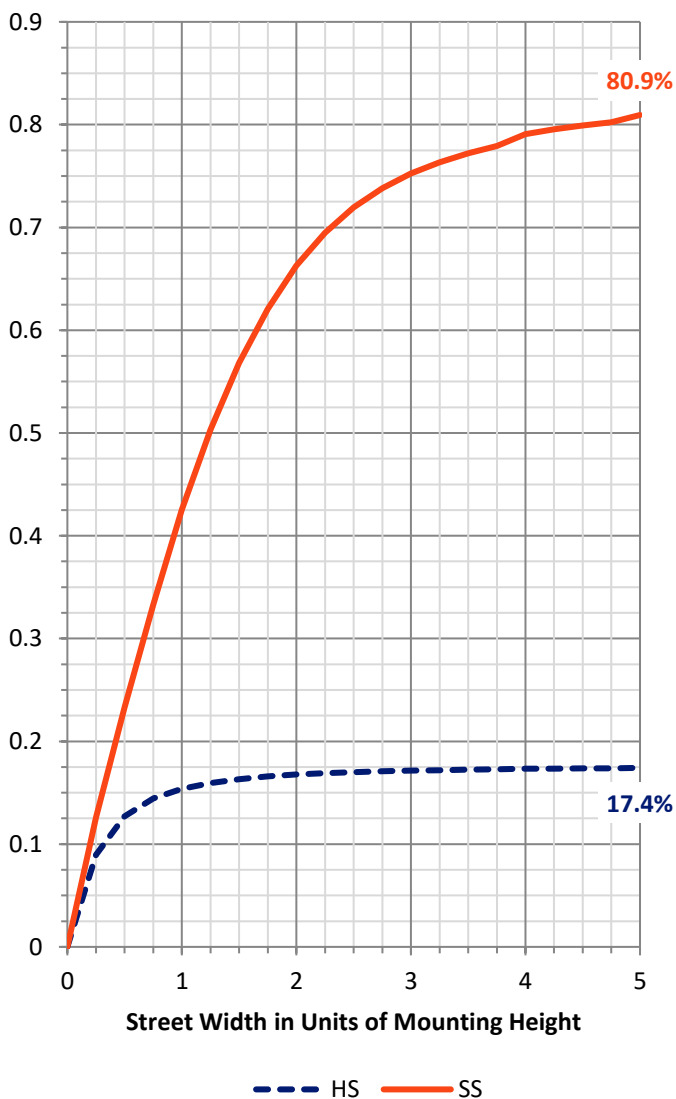
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3568.1	0.0	3568.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	16690.9	0.0	16690.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	20259.0	0.0	20259.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	476.3	2.4
10°-20°	989.6	4.9
20°-30°	1407.4	6.9
30°-40°	2028.0	10.0
40°-50°	2858.0	14.1
50°-60°	3973.1	19.6
60°-70°	4804.7	23.7
70°-80°	2953.4	14.6
80°-90°	768.5	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°	20259.0	100.0
0°-180°	20259.0	100.0

Coefficient of Utilization



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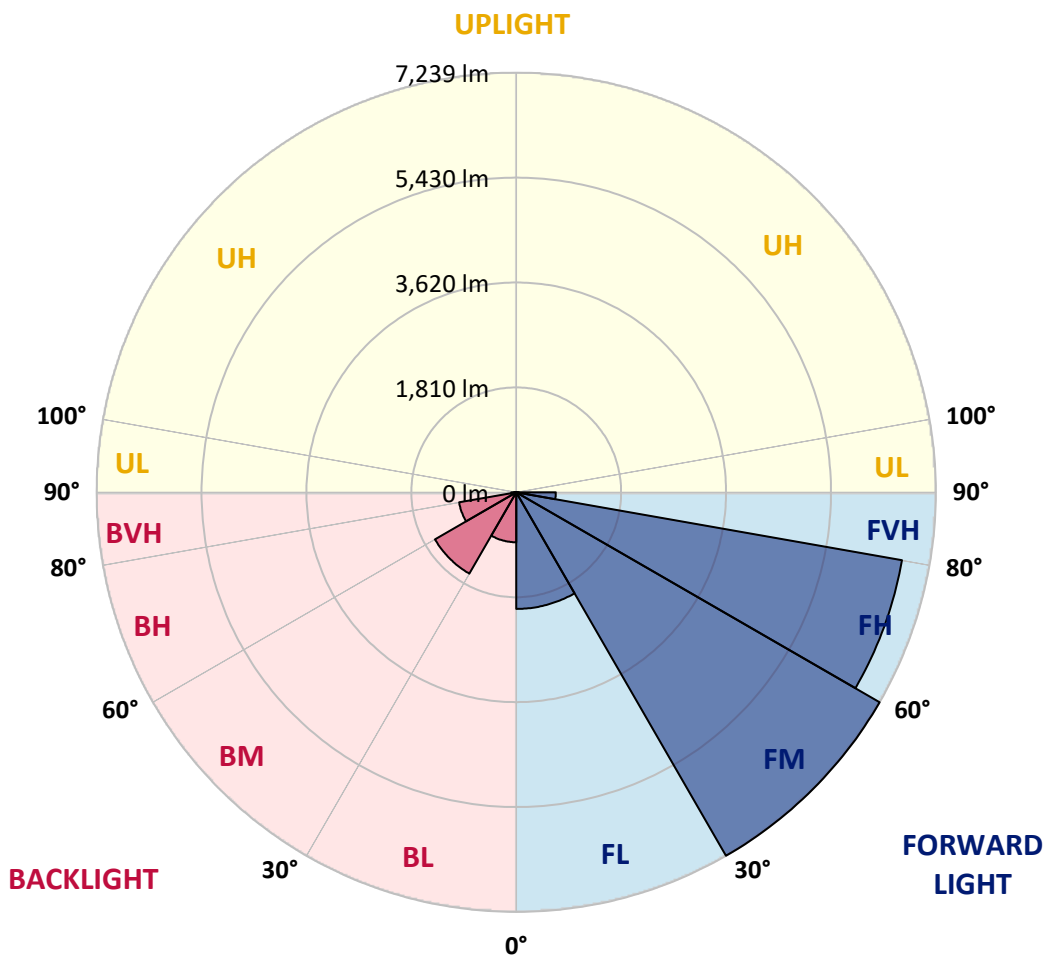
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2011.5	9.9			
FM (30°-60°)	7239.5	35.7			
FH (60°-80°)	6757.7	33.4			G3/7500
FVH (80°-90°)	682.2	3.4			G4/750
BL (0°-30°)	861.7	4.3	B2/1000		
BM (30°-60°)	1619.6	8.0	B2/2500		
BH (60°-80°)	1000.4	4.9	B3/2500		G3/2500
BVH (80°-90°)	86.3	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°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	6578.6	6665.3	6725.2	6784.3	6830.5	6875.9	6942.3	7008.7	7021.7	7033.8	7007.9
5°	6539.7	6751.1	6930.9	7109.9	7276.0	7442.0	7541.7	7641.3	7661.5	7681.8	7619.4
7.5°	6121.0	6432.8	6744.7	7056.5	7342.4	7628.3	7802.5	7975.8	8015.5	8054.4	7952.3
10°	5644.7	6007.6	6390.7	6773.8	7150.4	7527.1	7779.0	8030.9	8081.1	8131.3	8004.2
12.5°	5282.6	5678.7	6087.8	6496.8	6894.5	7291.4	7552.2	7813.0	7875.4	7937.7	7845.4
15°	5143.3	5577.5	5962.2	6347.0	6693.6	7039.5	7253.3	7466.3	7492.3	7517.4	7502.8
17.5°	5282.6	5761.3	6109.6	6457.1	6645.8	6833.7	6919.6	7004.7	7033.0	7060.5	7097.8
20°	5690.1	6206.8	6452.3	6696.9	6688.8	6679.9	6638.5	6596.4	6589.1	6581.8	6687.1
22.5°	6271.6	6871.8	6969.8	7067.0	6839.4	6611.8	6473.3	6334.0	6306.5	6278.1	6389.9
25°	6954.4	7593.5	7575.7	7557.1	7123.7	6689.6	6425.5	6161.5	6130.7	6099.9	6195.5
27.5°	7697.2	8307.9	8191.3	8074.6	7485.8	6896.9	6513.8	6130.7	6099.9	6069.1	6153.4
30°	8277.9	8832.0	8644.8	8457.7	7791.1	7124.5	6669.3	6214.1	6163.9	6112.9	6216.5
32.5°	8769.6	9241.0	8989.9	8738.8	8039.0	7339.2	6846.7	6354.2	6275.7	6197.1	6335.6
35°	9281.5	9649.2	9296.1	8942.1	8260.1	7577.3	7056.5	6534.9	6438.5	6342.1	6532.4
37.5°	9857.4	10162.7	9655.7	9147.8	8508.8	7869.7	7370.8	6871.0	6772.2	6673.4	6916.4
40°	10465.7	10720.0	10043.7	9367.3	8780.9	8194.5	7805.7	7416.1	7322.2	7227.4	7522.2
42.5°	10997.8	11183.3	10404.9	9626.5	9109.0	8590.6	8316.8	8042.2	8041.4	8039.8	8338.7
45°	11398.8	11559.9	10706.2	9851.7	9428.9	9005.3	8862.7	8720.2	8834.4	8948.6	9219.1
47.5°	11731.7	11841.0	10958.9	10076.1	9795.0	9514.0	9535.0	9556.1	9788.5	10021.0	10195.1
50°	12112.3	12024.1	11188.2	10351.5	10264.8	10178.1	10367.7	10556.4	10823.7	11090.2	11208.4
52.5°	12524.6	12290.5	11499.2	10707.0	10804.2	10901.4	11287.0	11672.5	11942.3	12212.0	12256.5
55°	13265.7	12906.9	12071.0	11234.3	11421.4	11607.7	12173.9	12739.3	12949.9	13160.5	13176.7
57.5°	14100.8	13782.5	12872.1	11961.7	12162.6	12363.4	13017.1	13669.9	13897.5	14124.3	14092.7
60°	14422.4	14437.8	13632.7	12826.7	13029.2	13231.7	13868.4	14505.0	14766.6	15027.4	14957.8
62.5°	14098.4	14478.3	14048.2	13617.3	13801.1	13984.2	14607.9	15231.6	15499.7	15767.8	15646.3
65°	13457.7	13834.4	14027.1	14219.9	14280.6	14341.4	14923.8	15505.3	15711.1	15916.0	15854.4
67.5°	12642.9	12947.4	13658.6	14368.9	14246.6	14124.3	14397.3	14670.2	14881.6	15093.0	15058.2
70°	11699.3	12062.1	13010.6	13959.1	13358.1	12756.3	12643.7	12531.1	12759.5	12987.1	12846.2
72.5°	10007.2	10554.8	11566.4	12577.3	11470.0	10362.8	9978.1	9593.3	9882.5	10171.6	9947.3
75°	7558.7	8285.2	9403.0	10519.9	9198.9	7877.8	7364.3	6850.8	7099.4	7348.1	7194.2
77.5°	5256.7	6167.9	7268.7	8369.5	7026.5	5682.8	5301.3	4919.0	4993.5	5067.2	5041.3
80°	3584.1	4183.5	4951.4	5718.4	4824.2	3930.0	3960.0	3989.1	3954.3	3918.7	3970.5
82.5°	2247.7	2669.7	3262.6	3854.7	3380.0	2905.4	3177.5	3449.7	3316.0	3181.6	3231.8
85°	1266.0	1523.6	2103.5	2682.6	2500.4	2317.3	2476.9	2635.7	2428.3	2220.9	2312.5
87.5°	241.4	401.7	1163.9	1925.3	1747.9	1570.5	1364.8	1159.1	884.5	609.9	891.0
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



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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°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	6982.0	6968.2	6954.4	6905.0	6854.8	6780.3	6718.7	6611.8	6553.5	6465.2	6376.9
5°	7556.2	7468.8	7381.3	7230.6	7079.2	6910.7	6717.1	6502.5	6340.5	6129.9	5919.3
7.5°	7850.3	7646.2	7441.2	7152.1	6862.1	6601.3	6295.1	6010.0	5767.0	5493.2	5219.5
10°	7877.0	7570.8	7263.8	6888.0	6511.4	6194.7	5842.3	5525.6	5234.0	4919.8	4604.7
12.5°	7752.3	7426.6	7100.2	6686.3	6271.6	5912.0	5532.9	5178.2	4855.0	4509.1	4162.5
15°	7488.2	7228.2	6967.4	6579.4	6191.4	5828.6	5460.8	5040.5	4675.2	4321.2	3966.4
17.5°	7134.2	7011.1	6887.2	6607.0	6325.9	6011.6	5655.2	5162.0	4734.3	4349.6	3964.8
20°	6791.6	6837.0	6881.5	6769.8	6658.0	6406.1	6095.1	5541.0	4995.1	4492.1	3988.3
22.5°	6500.8	6718.7	6935.8	7022.5	7108.3	6956.9	6713.9	6073.2	5350.7	4693.8	4036.9
25°	6290.3	6651.5	7012.8	7301.1	7588.6	7521.4	7334.3	6719.5	5822.1	4984.6	4146.3
27.5°	6237.6	6680.7	7123.7	7570.8	8017.1	8079.5	8027.6	7400.7	6384.2	5345.8	4306.6
30°	6320.2	6768.9	7216.9	7761.2	8304.7	8553.3	8623.0	7968.5	7026.5	5767.0	4506.7
32.5°	6474.1	6913.9	7353.8	7946.7	8538.7	8914.6	9136.5	8487.7	7474.4	6084.5	4693.8
35°	6722.8	7134.2	7545.7	8162.9	8780.1	9266.1	9671.1	9023.9	7872.1	6306.5	4740.0
37.5°	7158.5	7512.5	7866.5	8436.7	9006.1	9636.3	10244.5	9614.4	8302.2	6520.3	4737.5
40°	7817.1	8067.3	8316.8	8798.7	9279.9	10072.8	10894.1	10272.9	8777.7	6751.9	4726.2
42.5°	8637.6	8766.3	8894.3	9275.8	9657.3	10528.8	11483.8	10916.8	9231.3	6967.4	4703.5
45°	9488.8	9522.9	9556.9	9797.4	10037.2	10890.1	11885.6	11400.4	9627.3	7154.5	4680.8
47.5°	10368.5	10251.8	10135.2	10230.8	10326.4	11167.1	12172.3	11767.3	10025.0	7361.9	4697.8
50°	11326.7	11001.9	10677.1	10626.9	10576.6	11444.1	12510.0	12233.8	10502.9	7664.0	4825.0
52.5°	12300.3	11764.9	11229.5	11031.0	10831.8	11774.6	12958.0	12814.6	11184.9	8132.1	5078.5
55°	13192.9	12511.7	11830.5	11563.2	11295.9	12280.0	13504.7	13667.5	12058.9	8730.7	5401.7
57.5°	14060.3	13288.4	12516.5	12268.7	12020.8	13022.8	14197.2	14432.9	12941.8	9305.0	5667.4
60°	14888.1	14124.3	13359.7	13161.3	12962.0	13946.1	14945.6	14773.9	13397.0	9573.9	5750.0
62.5°	15524.8	14917.3	14309.8	14205.3	14100.0	14880.0	15520.7	14641.1	13107.8	9309.0	5510.3
65°	15792.9	15447.0	15100.3	15198.3	15295.5	15586.3	15664.1	14252.3	12199.0	8567.1	4935.2
67.5°	15022.6	15093.0	15163.5	15575.0	15985.6	15785.6	15238.0	13486.1	10905.5	7515.7	4126.0
70°	12704.4	13127.2	13549.2	14522.8	15495.6	15051.7	14096.8	12110.7	9348.7	6304.8	3260.1
72.5°	9722.1	10197.6	10672.2	12117.2	13561.4	13152.4	11982.8	9947.3	7495.5	5034.8	2573.3
75°	7039.5	7576.5	8112.7	9706.7	11300.8	10733.0	8963.2	7122.1	5693.3	3843.3	1992.5
77.5°	5014.5	5374.2	5733.8	7308.4	8882.2	7957.2	5966.3	4792.6	3940.5	2671.3	1401.3
80°	4022.3	3912.2	3802.0	4679.2	5556.4	5402.5	3946.2	3077.9	2727.2	1790.0	852.9
82.5°	3281.2	3012.3	2743.4	3156.5	3569.6	3546.9	2738.5	2258.2	2029.8	1244.1	458.4
85°	2403.2	2295.5	2187.7	2553.0	2918.3	2606.5	1854.8	1435.3	1582.7	916.1	249.5
87.5°	1172.0	1338.9	1504.9	1935.8	2365.9	1776.3	562.9	278.6	385.5	253.5	120.7
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: P320318
 CATALOG NUMBER: GAN-SA4B-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: P320318

CATALOG NUMBER: GAN-SA4B-740-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	6311.3	6244.9	6169.6	6094.2	6008.4	5921.7	5870.7	5818.9	5763.0	5707.1	5643.9
5°	5780.0	5640.7	5482.7	5324.8	5168.4	5012.1	4927.9	4843.6	4754.5	4664.6	4586.9
7.5°	5017.0	4813.7	4595.0	4375.5	4181.1	3985.9	3865.2	3743.7	3633.5	3522.6	3429.4
10°	4345.5	4086.3	3866.8	3646.5	3499.9	3353.3	3242.3	3131.4	3024.4	2916.7	2813.8
12.5°	3903.3	3644.1	3504.8	3365.4	3243.9	3122.4	2994.5	2865.7	2719.1	2571.7	2463.9
15°	3730.7	3495.0	3340.3	3184.8	3022.0	2858.4	2701.3	2544.1	2370.8	2197.5	2075.2
17.5°	3656.2	3347.6	3131.4	2914.3	2699.6	2485.0	2302.8	2120.5	1931.0	1741.4	1617.5
20°	3577.7	3167.0	2877.0	2586.2	2310.9	2035.5	1828.9	1622.4	1453.1	1283.8	1189.0
22.5°	3506.4	2975.0	2611.4	2246.9	1921.3	1595.6	1393.2	1189.9	1086.2	982.5	944.4
25°	3477.2	2807.4	2360.3	1913.2	1569.7	1225.5	1081.3	937.1	897.5	857.0	837.5
27.5°	3482.1	2657.5	2148.9	1639.4	1330.0	1020.6	921.8	822.9	798.6	773.5	761.4
30°	3500.7	2494.7	1949.6	1404.5	1149.4	894.2	830.2	765.4	739.5	713.6	698.2
32.5°	3521.8	2348.9	1795.7	1241.7	1033.5	824.6	771.9	718.4	693.3	668.2	652.8
35°	3485.3	2229.9	1690.4	1151.0	959.0	766.2	721.7	676.3	648.8	621.2	606.7
37.5°	3423.8	2110.0	1608.6	1106.4	910.4	713.6	681.2	648.0	619.6	590.5	576.7
40°	3367.9	2008.7	1547.9	1086.2	883.7	680.4	652.8	625.3	596.1	566.2	550.0
42.5°	3322.5	1940.7	1487.9	1035.1	859.4	682.8	643.9	604.2	575.9	547.5	529.7
45°	3288.5	1896.1	1440.9	985.7	836.7	687.7	638.3	588.9	560.5	531.3	510.3
47.5°	3285.3	1872.7	1407.7	942.8	793.8	643.9	623.7	603.4	562.1	520.0	495.7
50°	3329.8	1834.6	1368.9	902.3	752.5	602.6	630.2	656.9	586.4	515.1	484.4
52.5°	3422.9	1767.4	1307.3	847.2	702.2	556.5	599.4	641.5	580.8	519.2	479.5
55°	3535.5	1668.5	1214.2	758.9	635.8	511.9	550.0	587.2	549.2	510.3	462.5
57.5°	3606.0	1543.8	1096.7	649.6	561.3	473.0	494.9	516.0	500.6	485.2	436.6
60°	3563.9	1377.8	964.7	550.8	495.7	440.6	436.6	431.7	454.4	477.1	421.2
62.5°	3358.2	1206.1	848.0	490.0	448.7	406.6	397.7	388.0	425.2	461.7	402.6
65°	3010.7	1086.2	774.3	462.5	416.3	370.2	360.4	350.7	362.1	373.4	345.9
67.5°	2569.2	1012.5	732.2	452.0	396.1	339.4	328.0	316.7	314.3	311.8	302.1
70°	2114.0	967.1	704.7	442.2	374.2	305.4	294.8	284.3	281.1	277.0	269.7
72.5°	1767.4	961.4	701.4	441.4	356.4	271.3	261.6	251.9	247.9	243.0	237.3
75°	1447.4	902.3	665.8	429.3	332.1	234.1	225.2	216.3	213.0	209.0	204.1
77.5°	1074.0	746.8	559.7	372.6	284.3	196.0	187.1	177.4	176.6	175.0	170.9
80°	696.6	540.3	400.1	260.0	207.4	153.9	146.6	138.5	139.3	140.1	136.9
82.5°	387.2	315.1	244.6	174.1	141.7	109.3	106.1	102.1	104.5	106.1	102.1
85°	204.1	158.8	131.2	103.7	81.8	59.9	59.9	59.1	62.4	65.6	62.4
87.5°	88.3	55.9	47.8	38.9	21.9	4.0	4.9	4.9	6.5	8.1	7.3
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: P320318
 CATALOG NUMBER: GAN-SA4B-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: P320318
 CATALOG NUMBER: GAN-SA4B-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	5579.9	5520.8	5460.8	5395.2	5407.4	5357.2	5306.9	5275.4	5243.8	5234.0	5224.3
5°	4509.1	4441.9	4373.9	4313.1	4365.8	4330.1	4294.5	4289.6	4284.0	4284.0	4283.1
7.5°	3336.3	3264.2	3191.3	3141.1	3192.9	3186.4	3180.0	3214.8	3249.6	3278.0	3305.5
10°	2711.0	2623.5	2535.2	2460.7	2447.7	2410.5	2372.4	2380.5	2387.8	2418.6	2449.4
12.5°	2356.2	2251.7	2147.2	2059.8	2020.1	1958.5	1896.1	1857.3	1818.4	1822.4	1825.7
15°	1952.0	1850.8	1748.7	1673.4	1648.3	1600.5	1552.7	1504.1	1454.7	1434.5	1413.4
17.5°	1492.8	1411.8	1330.0	1279.8	1279.8	1266.0	1252.2	1227.9	1202.8	1182.6	1161.5
20°	1094.3	1051.3	1007.6	986.5	993.0	993.8	993.8	1006.0	1018.1	1011.7	1005.2
22.5°	905.6	890.2	874.8	865.9	869.1	869.9	870.7	882.1	892.6	900.7	908.0
25°	817.3	807.5	797.8	794.6	801.9	802.7	802.7	810.0	817.3	825.4	833.5
27.5°	748.4	744.4	740.3	734.6	741.9	741.9	741.1	749.2	756.5	763.8	770.3
30°	682.8	684.4	685.2	683.6	688.5	691.7	694.1	699.8	704.7	710.3	716.0
32.5°	636.6	634.2	631.8	630.2	640.7	646.4	652.0	657.7	662.6	665.0	667.4
35°	592.1	586.4	580.8	576.7	586.4	593.7	601.0	611.5	621.2	622.9	624.5
37.5°	562.1	554.8	547.5	542.7	546.7	550.0	553.2	564.6	575.9	582.4	588.0
40°	533.8	526.5	519.2	515.1	517.6	518.4	519.2	524.9	529.7	541.9	553.2
42.5°	511.1	502.2	493.3	488.4	490.0	491.7	492.5	491.7	490.8	502.2	513.5
45°	488.4	478.7	469.0	463.3	464.1	464.1	464.1	462.5	460.1	465.7	471.4
47.5°	470.6	459.3	447.9	442.2	440.6	439.0	437.4	436.6	435.0	439.0	442.2
50°	452.8	440.6	427.7	421.2	417.1	415.5	413.9	413.1	411.5	415.5	418.8
52.5°	439.0	424.4	409.8	399.3	395.3	392.8	390.4	391.2	391.2	392.8	393.6
55°	414.7	401.7	388.0	380.7	373.4	371.8	370.2	372.6	374.2	374.2	374.2
57.5°	388.0	375.8	362.9	358.0	351.5	351.5	350.7	354.0	356.4	358.0	359.6
60°	364.5	350.7	336.9	332.9	330.5	329.7	328.8	332.9	336.1	339.4	342.6
62.5°	342.6	328.0	313.5	308.6	307.8	308.6	308.6	312.6	315.9	319.1	322.4
65°	318.3	303.7	288.4	283.5	285.1	287.5	290.0	293.2	295.6	298.9	302.1
67.5°	291.6	279.4	266.5	261.6	262.4	265.7	268.9	271.3	273.0	276.2	279.4
70°	262.4	251.9	241.4	238.1	237.3	241.4	244.6	246.2	247.9	251.9	255.1
72.5°	230.8	221.9	213.0	210.6	211.4	213.8	216.3	218.7	220.3	224.4	227.6
75°	198.4	190.3	182.2	180.6	182.2	184.7	187.1	188.7	190.3	195.2	199.3
77.5°	166.9	157.9	148.2	147.4	149.8	152.3	153.9	156.3	158.8	165.2	171.7
80°	133.6	123.9	113.4	112.6	115.0	117.4	119.9	122.3	124.7	132.8	140.1
82.5°	98.0	86.7	75.3	73.7	81.8	84.2	86.7	90.7	94.0	101.2	108.5
85°	59.1	47.8	36.4	35.6	42.9	47.0	51.0	55.9	59.9	66.4	72.9
87.5°	6.5	3.2	0.0	0.0	0.8	4.0	7.3	11.3	15.4	21.9	27.5
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: P320318
 CATALOG NUMBER: GAN-SA4B-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: P320318

CATALOG NUMBER: GAN-SA4B-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	5188.7	5152.2	5189.5	5226.0	5241.3	5256.7	5217.0	5176.5	5239.7	5302.1	5318.3
5°	4250.7	4217.5	4242.6	4266.9	4212.7	4158.4	4152.7	4146.3	4193.2	4240.2	4247.5
7.5°	3295.0	3284.4	3307.9	3331.4	3262.6	3192.9	3158.9	3124.9	3136.2	3147.6	3145.9
10°	2456.7	2463.1	2492.3	2520.6	2467.2	2413.7	2390.2	2366.7	2392.7	2417.8	2441.3
12.5°	1840.3	1854.0	1884.8	1914.8	1892.9	1870.2	1872.7	1875.1	1905.1	1934.2	1960.1
15°	1429.6	1445.8	1467.7	1488.7	1489.5	1489.5	1510.6	1530.9	1528.4	1526.0	1543.8
17.5°	1183.4	1204.4	1206.9	1209.3	1210.1	1210.9	1209.3	1207.7	1195.5	1183.4	1197.1
20°	1013.3	1020.6	1027.0	1032.7	1025.4	1017.3	997.1	976.8	968.7	960.6	973.6
22.5°	921.8	934.7	928.2	920.9	906.4	891.0	875.6	859.4	858.6	857.0	864.2
25°	844.8	855.3	844.0	832.7	822.1	811.6	801.1	790.5	789.7	788.9	792.2
27.5°	780.8	790.5	780.0	769.5	760.6	751.7	743.6	735.5	733.8	732.2	733.0
30°	725.7	734.6	725.7	716.0	709.5	702.2	696.6	690.9	690.1	689.3	689.3
32.5°	676.3	685.2	678.8	672.3	666.6	660.9	656.9	652.8	648.8	644.7	635.8
35°	633.4	642.3	638.3	633.4	626.9	620.4	613.2	605.1	594.5	583.2	578.3
37.5°	597.0	605.9	601.8	597.8	588.9	579.9	567.0	553.2	550.0	545.9	545.1
40°	567.8	581.6	573.5	564.6	550.8	537.0	530.5	524.1	522.4	520.8	519.2
42.5°	535.4	556.5	541.9	527.3	514.3	501.4	499.8	498.1	497.3	496.5	496.5
45°	494.9	517.6	503.0	487.6	480.3	473.0	473.0	473.0	473.8	473.8	475.5
47.5°	456.8	470.6	463.3	456.0	452.0	447.9	448.7	449.5	452.0	453.6	457.6
50°	424.4	429.3	430.9	431.7	429.3	426.9	428.5	429.3	431.7	433.3	436.6
52.5°	400.9	408.2	408.2	407.4	407.4	407.4	409.0	410.7	413.1	415.5	418.8
55°	385.5	396.1	392.8	389.6	390.4	390.4	392.0	393.6	396.1	397.7	402.6
57.5°	371.0	382.3	379.1	375.8	375.8	375.8	376.6	377.4	379.9	381.5	384.7
60°	354.0	365.3	362.1	358.0	358.8	359.6	360.4	360.4	362.1	362.9	362.9
62.5°	333.7	345.0	341.8	337.8	340.2	341.8	341.8	341.8	343.4	344.2	341.8
65°	312.6	323.2	319.9	316.7	319.9	322.4	324.0	324.8	324.0	323.2	320.7
67.5°	290.0	300.5	297.3	293.2	297.3	300.5	303.7	306.2	303.7	301.3	298.1
70°	265.7	276.2	272.2	268.1	272.2	276.2	279.4	282.7	279.4	276.2	275.4
72.5°	239.8	251.9	247.0	242.2	247.0	251.9	253.5	255.1	252.7	250.3	248.7
75°	211.4	223.6	219.5	214.6	218.7	222.7	223.6	224.4	224.4	223.6	218.7
77.5°	181.4	191.2	188.7	186.3	188.7	191.2	191.2	191.2	192.0	192.0	185.5
80°	145.8	151.5	152.3	153.1	153.9	154.7	153.9	153.1	151.5	149.8	145.8
82.5°	108.5	108.5	115.0	120.7	120.7	119.9	119.1	117.4	114.2	110.2	101.2
85°	68.8	64.8	75.3	85.0	85.0	84.2	82.6	80.2	73.7	66.4	59.1
87.5°	23.5	19.4	30.0	40.5	41.3	41.3	39.7	38.1	31.6	24.3	18.6
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: P320318
 CATALOG NUMBER: GAN-SA4B-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: P320318
 CATALOG NUMBER: GAN-SA4B-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	5342.6	5353.1	5362.8	5442.2	5520.8	5613.1	5705.5	5775.9	5845.6	5917.7	5989.8
5°	4272.6	4285.6	4298.5	4394.9	4490.5	4619.3	4748.1	4859.0	4970.0	5100.4	5230.8
7.5°	3167.0	3195.3	3222.9	3325.8	3427.8	3566.3	3704.0	3849.0	3993.2	4163.3	4333.4
10°	2487.4	2540.9	2593.5	2698.8	2804.1	2941.0	3077.1	3228.6	3380.0	3547.7	3714.5
12.5°	2013.6	2084.9	2155.3	2281.7	2408.1	2571.7	2734.5	2902.9	3070.6	3218.0	3365.4
15°	1590.8	1668.5	1745.5	1879.1	2012.8	2192.6	2371.6	2555.5	2738.5	2915.1	3091.7
17.5°	1240.9	1304.9	1368.0	1481.4	1594.0	1768.2	1942.3	2135.1	2327.9	2543.3	2758.0
20°	1001.1	1027.9	1054.6	1136.4	1217.4	1359.1	1500.1	1696.9	1893.7	2151.3	2408.9
22.5°	877.2	891.0	903.9	943.6	982.5	1074.0	1164.7	1338.9	1512.2	1793.3	2073.5
25°	802.7	813.2	823.7	849.7	875.6	919.3	963.1	1085.4	1207.7	1483.9	1759.3
27.5°	735.5	751.7	767.0	779.2	790.5	820.5	849.7	929.8	1010.0	1267.6	1524.4
30°	686.9	692.5	698.2	716.8	734.6	765.4	796.2	852.1	908.0	1125.9	1342.9
32.5°	630.2	638.3	646.4	665.8	685.2	713.6	741.9	787.3	831.8	1018.1	1203.6
35°	579.1	587.2	595.3	614.8	633.4	664.2	694.1	732.2	769.5	931.5	1093.5
37.5°	547.5	555.6	563.7	580.8	597.0	627.7	657.7	687.7	716.8	866.7	1016.5
40°	520.8	528.9	537.0	553.2	568.6	598.6	627.7	652.8	677.9	818.1	958.2
42.5°	497.3	506.2	515.1	531.3	546.7	573.5	600.2	633.4	665.8	776.0	885.3
45°	477.9	486.8	494.9	512.7	530.5	556.5	582.4	628.5	674.7	754.1	833.5
47.5°	460.1	469.8	478.7	498.1	517.6	550.0	581.6	620.4	658.5	737.1	815.6
50°	443.1	454.4	465.7	489.2	511.9	566.2	619.6	625.3	630.2	723.3	815.6
52.5°	426.9	439.8	452.8	481.9	510.3	573.5	636.6	616.4	595.3	697.4	799.4
55°	410.7	422.0	432.5	468.2	503.8	550.0	596.1	569.4	541.9	648.8	755.7
57.5°	388.8	400.9	412.3	450.3	488.4	520.8	552.4	528.1	503.0	593.7	683.6
60°	366.1	379.9	393.6	442.2	490.0	484.4	477.9	473.0	467.4	532.2	597.0
62.5°	345.9	360.4	375.0	438.2	501.4	462.5	423.6	427.7	430.9	478.7	526.5
65°	325.6	340.2	354.0	385.5	417.1	401.7	386.4	392.8	398.5	445.5	492.5
67.5°	302.9	315.9	328.0	338.6	349.1	350.7	352.3	358.8	365.3	421.2	476.3
70°	277.8	288.4	298.9	306.2	312.6	315.9	318.3	326.4	334.5	395.3	456.0
72.5°	249.5	258.4	266.5	273.0	279.4	281.9	283.5	291.6	299.7	364.5	429.3
75°	218.7	226.0	232.5	238.1	243.8	247.0	250.3	256.0	261.6	332.1	401.7
77.5°	184.7	192.0	198.4	203.3	207.4	210.6	213.0	220.3	227.6	286.7	345.0
80°	144.2	153.1	161.2	165.2	168.5	169.3	169.3	175.8	182.2	224.4	265.7
82.5°	102.1	111.8	120.7	123.9	127.2	127.2	127.2	134.5	141.7	170.1	197.6
85°	59.9	70.5	80.2	83.4	86.7	88.3	89.1	92.3	94.8	115.0	134.5
87.5°	18.6	27.5	35.6	37.3	38.9	42.1	45.4	46.2	46.2	59.9	73.7
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: P320318
 CATALOG NUMBER: GAN-SA4B-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°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	6072.4	6155.0	6251.4	6347.0	6428.8	6510.6	6578.6
5°	5396.9	5562.9	5766.2	5968.7	6149.3	6329.9	6539.7
7.5°	4548.0	4762.6	5025.9	5289.1	5544.3	5798.6	6121.0
10°	3933.2	4151.1	4429.7	4707.6	4994.3	5280.2	5644.7
12.5°	3542.8	3719.4	3989.1	4258.8	4595.8	4931.9	5282.6
15°	3285.3	3478.0	3740.5	4002.9	4371.4	4740.0	5143.3
17.5°	3010.7	3262.6	3598.7	3934.9	4371.4	4807.2	5282.6
20°	2723.1	3036.6	3472.4	3908.1	4496.2	5083.4	5690.1
22.5°	2436.4	2799.3	3358.2	3916.2	4684.9	5452.7	6271.6
25°	2178.0	2596.8	3288.5	3979.4	4959.5	5938.7	6954.4
27.5°	1982.0	2438.8	3260.1	4080.6	5307.8	6534.9	7697.2
30°	1807.9	2272.8	3226.1	4179.5	5643.1	7105.9	8277.9
32.5°	1657.2	2110.8	3160.5	4209.4	5877.2	7544.9	8769.6
35°	1538.9	1984.4	3050.4	4116.3	6023.8	7931.3	9281.5
37.5°	1436.9	1857.3	2924.8	3992.4	6154.2	8316.0	9857.4
40°	1339.7	1721.2	2817.1	3912.2	6334.0	8755.8	10465.7
42.5°	1247.4	1609.4	2730.4	3851.4	6500.8	9149.5	10997.8
45°	1178.5	1523.6	2653.5	3782.6	6608.6	9434.6	11398.8
47.5°	1144.5	1472.5	2612.2	3751.0	6716.3	9680.8	11731.7
50°	1139.6	1463.6	2659.1	3854.7	6949.6	10043.7	12112.3
52.5°	1138.8	1478.2	2794.4	4110.6	7382.9	10654.4	12524.6
55°	1121.8	1487.1	2955.6	4423.3	7964.5	11504.9	13265.7
57.5°	1070.0	1456.3	3121.6	4786.1	8579.2	12371.5	14100.8
60°	989.8	1381.8	3258.5	5134.4	8992.3	12849.4	14422.4
62.5°	889.4	1251.4	3303.9	5355.5	8981.0	12606.4	14098.4
65°	803.5	1114.5	3154.8	5194.4	8526.6	11858.0	13457.7
67.5°	727.4	977.6	2782.3	4586.1	7709.3	10831.8	12642.9
70°	672.3	887.7	2301.9	3716.2	6686.3	9655.7	11699.3
72.5°	637.4	844.8	1876.7	2907.8	5426.0	7943.4	10007.2
75°	589.7	777.6	1472.5	2166.7	4152.7	6138.8	7558.7
77.5°	500.6	655.3	1109.7	1564.1	3047.1	4529.4	5256.7
80°	386.4	506.2	763.0	1019.8	2097.0	3174.3	3584.1
82.5°	275.4	353.1	462.5	571.8	1393.2	2213.7	2247.7
85°	170.1	205.7	264.9	324.0	921.8	1519.5	1266.0
87.5°	91.5	109.3	140.1	170.1	294.8	419.6	241.4
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: P320318
CATALOG NUMBER: GAN-SA4B-740-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)