

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: P320633

Luminaire Tested: **GAN-SA9A-740-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320633
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-SA9A-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 4000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36613 lumens
Efficiency: N/A
Efficacy: 126.3 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

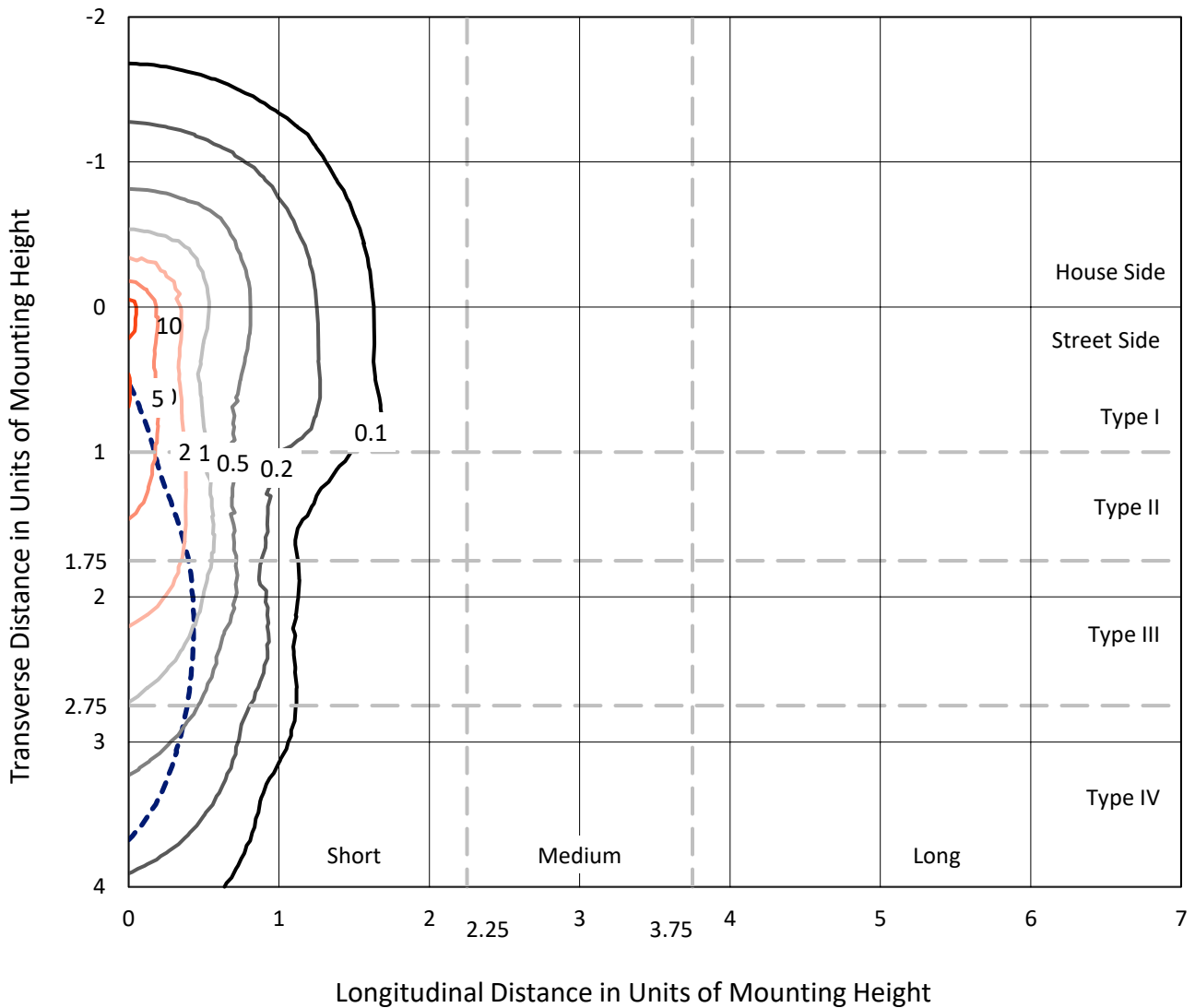
Input Watts (W): 290
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

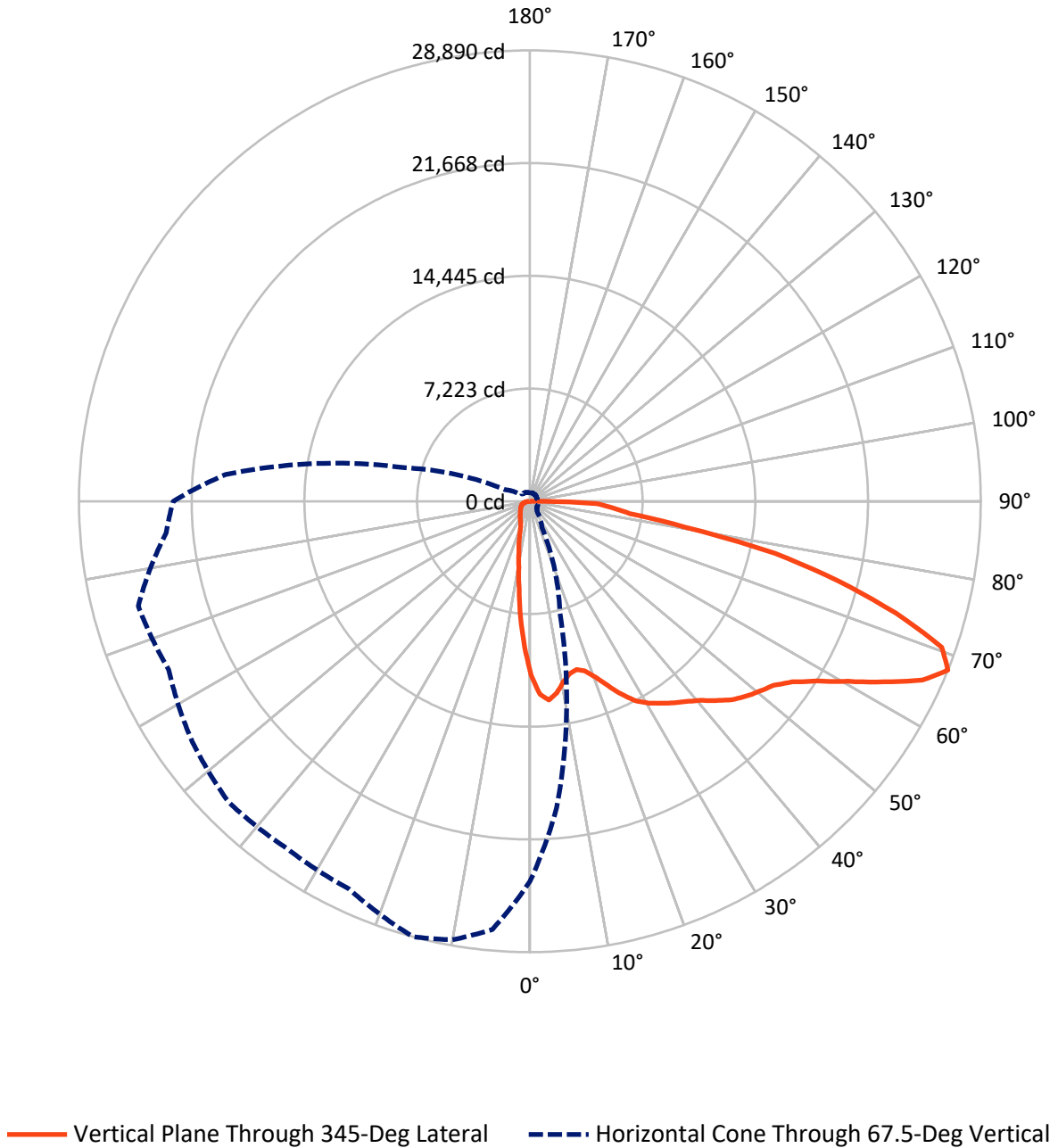
× Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 12.4 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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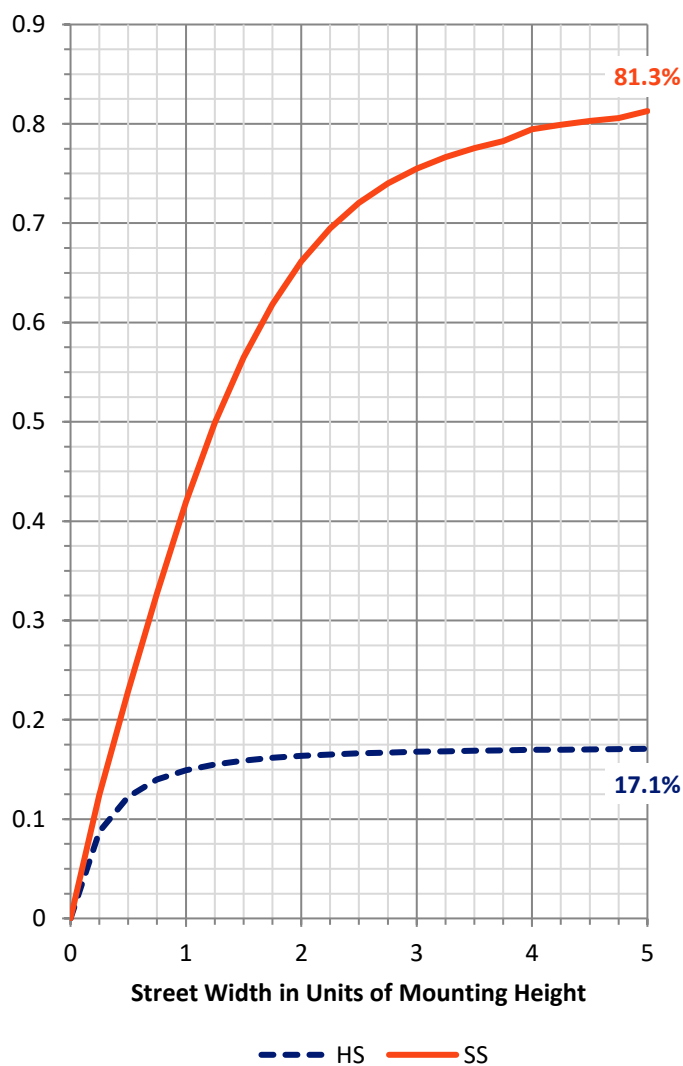
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6329.6	0.0	6329.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	30283.4	0.0	30283.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	36613.0	0.0	36613.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	860.9	2.4
10°-20°	1788.4	4.9
20°-30°	2543.4	6.9
30°-40°	3665.1	10.0
40°-50°	5165.2	14.1
50°-60°	7180.5	19.6
60°-70°	8683.3	23.7
70°-80°	5337.5	14.6
80°-90°	1388.9	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°	36613.0	100.0
0°-180°	36613.0	100.0

Coefficient of Utilization



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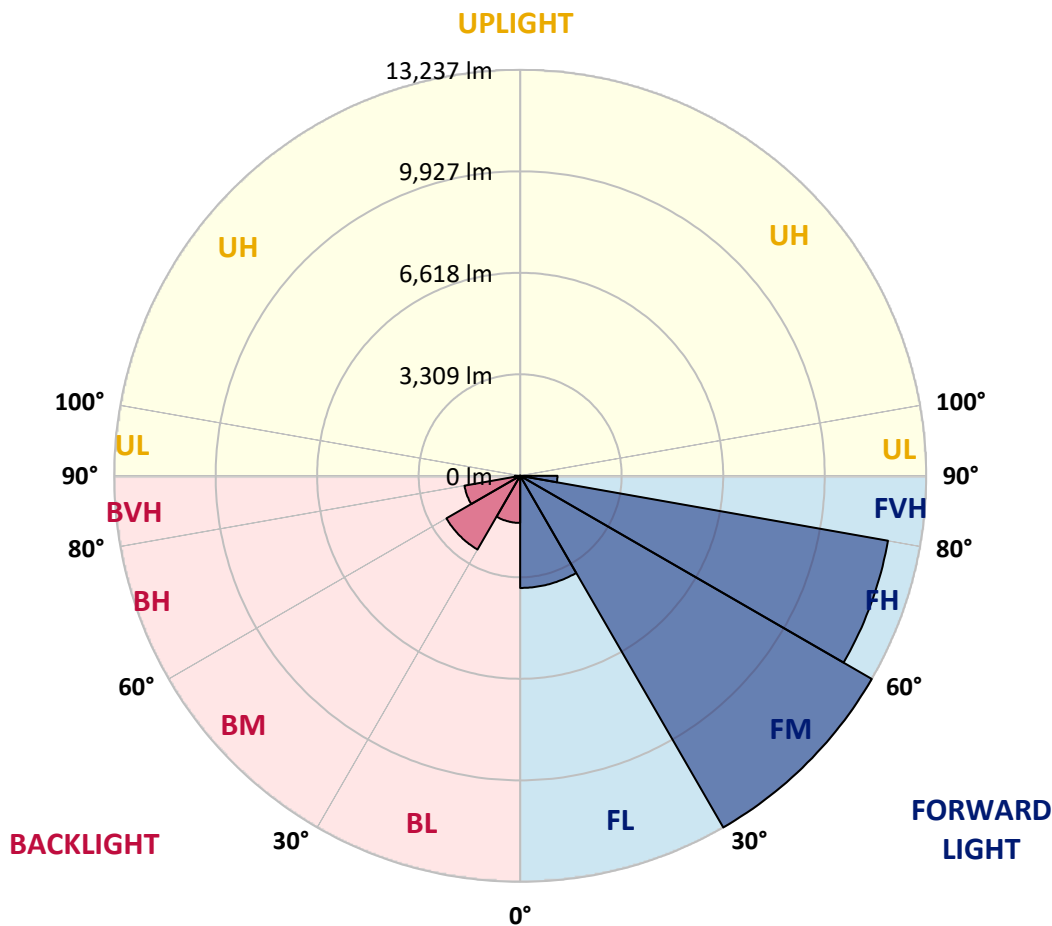
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3655.9	10.0			
FM (30°-60°)	13236.5	36.2			
FH (60°-80°)	12176.2	33.3			G5
FVH (80°-90°)	1214.8	3.3			G5
BL (0°-30°)	1536.8	4.2	B3/2500		
BM (30°-60°)	2774.2	7.6	B3/5000		
BH (60°-80°)	1844.6	5.0	B3/2500		G3/2500
BVH (80°-90°)	174.1	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4
2.5°	11949.3	11843.9	11684.3	11524.8	11406.2	11286.1	11150.0	11013.9	10858.7	10702.1	10609.9
5°	11751.6	11458.9	11078.3	10697.7	10445.9	10194.1	9908.7	9623.2	9340.7	9058.2	8906.0
7.5°	10861.6	10422.5	9927.7	9432.9	9067.0	8699.6	8304.3	7907.6	7556.3	7203.5	6985.4
10°	9986.3	9459.3	8891.3	8321.9	7853.5	7385.0	6988.3	6590.2	6325.2	6060.3	5859.7
12.5°	9358.3	8774.2	8149.2	7522.6	7054.2	6585.8	6334.0	6082.2	5862.6	5643.1	5411.8
15°	9109.4	8449.2	7809.5	7168.4	6742.4	6316.4	6036.8	5755.8	5461.6	5165.9	4881.9
17.5°	9329.0	8556.1	7860.8	7165.5	6607.7	6050.0	5659.2	5266.9	4879.0	4491.0	4161.7
20°	10014.1	9027.5	8118.4	7207.9	6465.7	5723.6	5199.5	4674.0	4176.3	3678.6	3305.3
22.5°	10975.8	9670.1	8482.9	7295.7	6336.9	5376.7	4719.4	4060.7	3472.2	2883.8	2517.8
25°	12144.0	10522.0	9008.4	7493.4	6284.2	5073.6	4265.6	3457.6	2836.9	2214.8	1954.2
27.5°	13375.0	11537.9	9661.3	7783.2	6293.0	4802.8	3883.5	2962.8	2403.6	1844.4	1665.8
30°	14401.2	12698.7	10422.5	8144.8	6326.7	4508.6	3523.4	2538.3	2077.2	1616.1	1500.4
32.5°	15339.5	13508.2	10996.3	8482.9	6364.7	4245.1	3245.3	2244.1	1867.9	1490.2	1395.0
35°	16308.6	14227.0	11397.4	8566.3	6298.9	4029.9	3055.0	2080.1	1733.2	1384.8	1304.3
37.5°	17375.7	15004.3	11783.9	8562.0	6187.6	3813.3	2907.2	1999.6	1645.3	1289.6	1231.1
40°	18565.8	15863.6	12202.5	8541.5	6086.6	3630.3	2797.4	1963.0	1597.0	1229.6	1179.8
42.5°	19729.5	16683.3	12591.9	8500.5	6004.6	3507.3	2689.1	1870.8	1553.1	1234.0	1163.7
45°	20603.4	17399.1	12930.0	8459.5	5943.2	3426.8	2604.2	1781.5	1512.1	1242.8	1153.5
47.5°	21266.6	18117.9	13304.8	8490.2	5937.3	3384.4	2544.1	1703.9	1434.6	1163.7	1127.2
50°	22109.7	18981.5	13850.8	8720.1	6017.8	3315.6	2473.9	1630.7	1359.9	1089.1	1138.9
52.5°	23159.3	20214.1	14696.9	9178.2	6186.2	3194.1	2362.6	1531.2	1269.1	1005.7	1083.2
55°	24700.7	21793.5	15778.7	9762.3	6389.6	3015.5	2194.3	1371.6	1149.1	925.1	993.9
57.5°	26084.0	23389.1	16816.5	10242.4	6517.0	2790.1	1982.0	1174.0	1014.4	854.9	894.4
60°	26700.3	24211.8	17302.5	10391.7	6440.9	2490.0	1743.4	995.4	895.9	796.3	789.0
62.5°	26460.2	23689.2	16823.8	9958.5	6069.0	2179.6	1532.6	885.6	811.0	734.8	718.7
65°	25757.6	22046.8	15483.0	8919.1	5441.1	1963.0	1399.4	835.8	752.4	669.0	651.4
67.5°	24372.8	19709.0	13582.9	7456.8	4643.3	1829.8	1323.3	816.8	715.8	613.3	592.9
70°	21887.2	16895.6	11394.5	5891.9	3820.6	1747.8	1273.5	799.3	676.3	551.9	532.8
72.5°	17977.3	13546.3	9099.2	4650.6	3194.1	1737.6	1267.7	797.8	644.1	490.4	472.8
75°	12871.5	10289.3	6945.9	3601.0	2615.9	1630.7	1203.3	775.8	600.2	423.0	406.9
77.5°	8661.5	7121.5	4827.7	2532.4	1941.0	1349.7	1011.5	673.4	513.8	354.2	338.1
80°	5562.6	4928.7	3235.1	1541.4	1258.9	976.4	723.1	469.9	374.7	278.1	265.0
82.5°	4081.2	3668.4	2248.4	828.5	699.7	569.4	442.1	314.7	256.2	197.6	191.8
85°	2593.9	2860.3	1655.6	450.9	368.9	286.9	237.1	187.4	147.8	108.3	108.3
87.5°	503.6	696.8	458.2	218.1	159.6	101.0	86.4	70.3	39.5	7.3	8.8
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



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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°	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4
2.5°	10516.2	10415.2	10314.2	10200.0	10084.3	9977.5	9869.2	9750.6	9772.5	9681.8	9591.0
5°	8753.7	8592.7	8430.2	8289.7	8149.2	8027.7	7904.7	7794.9	7890.1	7825.6	7761.2
7.5°	6765.8	6566.8	6366.2	6197.9	6029.5	5899.2	5767.5	5676.7	5770.4	5758.7	5747.0
10°	5659.2	5466.0	5271.3	5085.4	4899.4	4741.4	4581.8	4447.1	4423.7	4356.4	4287.6
12.5°	5179.0	4914.1	4647.7	4453.0	4258.3	4069.5	3880.6	3722.5	3650.8	3539.5	3426.8
15°	4597.9	4284.6	3971.4	3750.3	3527.8	3344.9	3160.4	3024.3	2978.9	2892.5	2806.2
17.5°	3832.3	3489.8	3147.2	2923.3	2697.8	2551.5	2403.6	2312.9	2312.9	2288.0	2263.1
20°	2932.1	2626.1	2320.2	2148.9	1977.6	1900.1	1821.0	1782.9	1794.7	1796.1	1796.1
22.5°	2150.4	1963.0	1775.6	1706.8	1636.6	1608.8	1580.9	1564.8	1570.7	1572.2	1573.6
25°	1693.7	1621.9	1548.7	1513.6	1477.0	1459.4	1441.9	1436.0	1449.2	1450.7	1450.7
27.5°	1487.3	1443.3	1398.0	1376.0	1352.6	1345.3	1337.9	1327.7	1340.9	1340.9	1339.4
30°	1383.3	1336.5	1289.6	1261.8	1234.0	1236.9	1238.4	1235.5	1244.3	1250.1	1254.5
32.5°	1298.4	1253.0	1207.7	1179.8	1150.6	1146.2	1141.8	1138.9	1157.9	1168.1	1178.4
35°	1222.3	1172.5	1122.8	1096.4	1070.1	1059.8	1049.6	1042.2	1059.8	1073.0	1086.2
37.5°	1171.1	1119.8	1067.1	1042.2	1015.9	1002.7	989.6	980.8	988.1	993.9	999.8
40°	1130.1	1077.4	1023.2	993.9	964.7	951.5	938.3	931.0	935.4	936.9	938.3
42.5°	1092.0	1040.8	989.6	957.3	923.7	907.6	891.5	882.7	885.6	888.5	890.0
45°	1064.2	1013.0	960.3	922.2	882.7	865.1	847.6	837.3	838.8	838.8	838.8
47.5°	1090.6	1015.9	939.8	895.9	850.5	830.0	809.5	799.3	796.3	793.4	790.5
50°	1187.2	1059.8	931.0	875.4	818.3	796.3	772.9	761.2	753.9	750.9	748.0
52.5°	1159.4	1049.6	938.3	866.6	793.4	767.0	740.7	721.7	714.4	710.0	705.6
55°	1061.3	992.5	922.2	835.8	749.5	726.1	701.2	688.0	674.8	671.9	669.0
57.5°	932.5	904.6	876.8	789.0	701.2	679.2	655.8	647.0	635.3	635.3	633.8
60°	780.2	821.2	862.2	761.2	658.7	633.8	609.0	601.6	597.2	595.8	594.3
62.5°	701.2	768.5	834.4	727.5	619.2	592.9	566.5	557.7	556.3	557.7	557.7
65°	633.8	654.3	674.8	625.1	575.3	548.9	521.1	512.3	515.3	519.7	524.1
67.5°	572.4	568.0	563.6	546.0	527.0	505.0	481.6	472.8	474.3	480.1	486.0
70°	513.8	507.9	500.6	487.5	474.3	455.3	436.2	430.4	428.9	436.2	442.1
72.5°	455.3	447.9	439.1	428.9	417.2	401.1	385.0	380.6	382.1	386.5	390.8
75°	390.8	385.0	377.7	368.9	358.6	344.0	329.4	326.4	329.4	333.8	338.1
77.5°	320.6	319.1	316.2	308.9	301.5	285.4	267.9	266.4	270.8	275.2	278.1
80°	250.3	251.8	253.2	247.4	241.5	224.0	204.9	203.5	207.9	212.3	216.6
82.5°	184.4	188.8	191.8	184.4	177.1	156.6	136.1	133.2	147.8	152.2	156.6
85°	106.9	112.7	118.6	112.7	106.9	86.4	65.9	64.4	77.6	84.9	92.2
87.5°	8.8	11.7	14.6	13.2	11.7	5.9	0.0	0.0	1.5	7.3	13.2
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: P320633
 CATALOG NUMBER: GAN-SA9A-740-U-SLR

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: P320633

CATALOG NUMBER: GAN-SA9A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4
2.5°	9533.9	9476.9	9459.3	9441.7	9377.3	9311.4	9378.8	9444.6	9472.5	9500.3	9428.5
5°	7752.5	7742.2	7742.2	7740.7	7682.2	7622.2	7667.6	7711.5	7613.4	7515.3	7505.1
7.5°	5810.0	5872.9	5924.1	5973.9	5954.9	5935.8	5978.3	6020.7	5896.3	5770.4	5708.9
10°	4302.2	4315.4	4371.0	4426.6	4439.8	4451.5	4504.2	4555.4	4458.8	4362.2	4319.8
12.5°	3356.6	3286.3	3293.6	3299.5	3325.8	3350.7	3406.3	3460.5	3421.0	3380.0	3384.4
15°	2718.3	2629.0	2592.4	2554.4	2583.7	2612.9	2652.5	2690.5	2692.0	2692.0	2730.0
17.5°	2219.2	2173.8	2137.2	2099.1	2138.7	2176.7	2181.1	2185.5	2187.0	2188.4	2185.5
20°	1818.1	1840.0	1828.3	1816.6	1831.3	1844.4	1856.1	1866.4	1853.2	1838.6	1802.0
22.5°	1594.1	1613.1	1627.8	1641.0	1665.8	1689.3	1677.6	1664.4	1638.0	1610.2	1582.4
25°	1463.8	1477.0	1491.6	1506.3	1526.8	1545.8	1525.3	1504.8	1485.8	1466.8	1447.7
27.5°	1354.0	1367.2	1380.4	1392.1	1411.1	1428.7	1409.7	1390.6	1374.5	1358.4	1343.8
30°	1264.8	1273.5	1283.8	1294.0	1311.6	1327.7	1311.6	1294.0	1282.3	1269.1	1258.9
32.5°	1188.6	1197.4	1201.8	1206.2	1222.3	1238.4	1226.7	1215.0	1204.7	1194.5	1187.2
35°	1105.2	1122.8	1125.7	1128.6	1144.7	1160.8	1153.5	1144.7	1133.0	1121.3	1108.1
37.5°	1020.3	1040.8	1052.5	1062.7	1078.8	1094.9	1087.6	1080.3	1064.2	1048.1	1024.7
40°	948.6	957.3	979.3	999.8	1026.1	1051.0	1036.4	1020.3	995.4	970.5	958.8
42.5°	888.5	887.1	907.6	928.1	967.6	1005.7	979.3	953.0	929.5	906.1	903.2
45°	835.8	831.5	841.7	852.0	894.4	935.4	909.0	881.2	868.1	854.9	854.9
47.5°	789.0	786.1	793.4	799.3	825.6	850.5	837.3	824.1	816.8	809.5	811.0
50°	746.6	743.6	750.9	756.8	767.0	775.8	778.8	780.2	775.8	771.4	774.4
52.5°	707.0	707.0	710.0	711.4	724.6	737.8	737.8	736.3	736.3	736.3	739.2
55°	673.4	676.3	676.3	676.3	696.8	715.8	710.0	704.1	705.6	705.6	708.5
57.5°	639.7	644.1	647.0	649.9	670.4	690.9	685.1	679.2	679.2	679.2	680.7
60°	601.6	607.5	613.3	619.2	639.7	660.2	654.3	647.0	648.5	649.9	651.4
62.5°	565.0	570.9	576.8	582.6	603.1	623.6	617.7	610.4	614.8	617.7	617.7
65°	529.9	534.3	540.2	546.0	565.0	584.1	578.2	572.4	578.2	582.6	585.5
67.5°	490.4	493.3	499.2	505.0	524.1	543.1	537.2	529.9	537.2	543.1	548.9
70°	445.0	447.9	455.3	461.1	480.1	499.2	491.8	484.5	491.8	499.2	505.0
72.5°	395.2	398.2	405.5	411.3	433.3	453.3	446.5	437.7	446.5	455.3	458.2
75°	341.1	344.0	352.8	360.1	382.1	404.0	396.7	387.9	395.2	402.6	404.0
77.5°	282.5	286.9	298.6	310.3	327.9	345.5	341.1	336.7	341.1	345.5	345.5
80°	221.0	225.4	240.1	253.2	263.5	273.7	275.2	276.7	278.1	279.6	278.1
82.5°	163.9	169.8	183.0	196.2	196.2	196.2	207.9	218.1	218.1	216.6	215.2
85°	101.0	108.3	120.0	131.7	124.4	117.1	136.1	153.7	153.7	152.2	149.3
87.5°	20.5	27.8	39.5	49.8	42.5	35.1	54.2	73.2	74.7	74.7	71.7
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: P320633
 CATALOG NUMBER: GAN-SA9A-740-U-SLR

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: P320633

CATALOG NUMBER: GAN-SA9A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4
2.5°	9355.4	9469.5	9582.2	9611.5	9655.4	9674.5	9692.0	9835.5	9977.5	10144.4	10311.2
5°	7493.4	7578.3	7663.2	7676.3	7721.7	7745.1	7768.6	7942.8	8115.5	8348.2	8581.0
7.5°	5647.5	5668.0	5688.5	5685.5	5723.6	5774.8	5824.6	6010.5	6194.9	6445.3	6694.1
10°	4277.3	4324.2	4369.5	4412.0	4495.4	4592.0	4687.2	4877.5	5067.8	5315.2	5561.1
12.5°	3388.8	3442.9	3495.6	3542.5	3639.1	3767.9	3895.3	4123.6	4352.0	4647.7	4941.9
15°	2766.6	2762.3	2757.9	2790.1	2875.0	3015.5	3154.6	3396.1	3637.6	3962.6	4286.1
17.5°	2182.6	2160.6	2138.7	2163.5	2242.6	2358.2	2472.4	2677.3	2880.8	3195.5	3510.3
20°	1765.4	1750.7	1736.1	1759.5	1809.3	1857.6	1905.9	2053.8	2200.1	2456.3	2711.0
22.5°	1553.1	1551.7	1548.7	1561.9	1585.3	1610.2	1633.6	1705.4	1775.6	1941.0	2105.0
25°	1428.7	1427.2	1425.8	1431.6	1450.7	1469.7	1488.7	1535.6	1582.4	1661.4	1740.5
27.5°	1329.2	1326.2	1323.3	1324.8	1329.2	1358.4	1386.2	1408.2	1428.7	1482.9	1535.6
30°	1248.6	1247.2	1245.7	1245.7	1241.3	1251.6	1261.8	1295.5	1327.7	1383.3	1438.9
32.5°	1179.8	1172.5	1165.2	1149.1	1138.9	1153.5	1168.1	1203.3	1238.4	1289.6	1340.9
35°	1093.5	1074.5	1054.0	1045.2	1046.6	1061.3	1075.9	1111.0	1144.7	1200.3	1254.5
37.5°	999.8	993.9	986.6	985.2	989.6	1004.2	1018.8	1049.6	1078.8	1134.5	1188.6
40°	947.1	944.2	941.2	938.3	941.2	955.9	970.5	999.8	1027.6	1081.8	1134.5
42.5°	900.3	898.8	897.3	897.3	898.8	914.9	931.0	960.3	988.1	1036.4	1084.7
45°	854.9	856.3	856.3	859.3	863.7	879.8	894.4	926.6	958.8	1005.7	1052.5
47.5°	812.4	816.8	819.7	827.1	831.5	849.0	865.1	900.3	935.4	993.9	1051.0
50°	775.8	780.2	783.2	789.0	800.7	821.2	841.7	884.2	925.1	1023.2	1119.8
52.5°	742.2	746.6	750.9	756.8	771.4	794.9	818.3	871.0	922.2	1036.4	1150.6
55°	711.4	715.8	718.7	727.5	742.2	762.7	781.7	846.1	910.5	993.9	1077.4
57.5°	682.1	686.5	689.5	695.3	702.6	724.6	745.1	813.9	882.7	941.2	998.3
60°	651.4	654.3	655.8	655.8	661.7	686.5	711.4	799.3	885.6	875.4	863.7
62.5°	617.7	620.7	622.1	617.7	625.1	651.4	677.8	791.9	906.1	835.8	765.6
65°	587.0	585.5	584.1	579.7	588.5	614.8	639.7	696.8	753.9	726.1	698.2
67.5°	553.3	548.9	544.5	538.7	547.5	570.9	592.9	611.9	630.9	633.8	636.8
70°	510.9	505.0	499.2	497.7	502.1	521.1	540.2	553.3	565.0	570.9	575.3
72.5°	461.1	456.7	452.3	449.4	450.9	467.0	481.6	493.3	505.0	509.4	512.3
75°	405.5	405.5	404.0	395.2	395.2	408.4	420.1	430.4	440.6	446.5	452.3
77.5°	345.5	346.9	346.9	335.2	333.8	346.9	358.6	367.4	374.7	380.6	385.0
80°	276.7	273.7	270.8	263.5	260.6	276.7	291.3	298.6	304.5	305.9	305.9
82.5°	212.3	206.4	199.1	183.0	184.4	202.0	218.1	224.0	229.8	229.8	229.8
85°	144.9	133.2	120.0	106.9	108.3	127.4	144.9	150.8	156.6	159.6	161.0
87.5°	68.8	57.1	43.9	33.7	33.7	49.8	64.4	67.3	70.3	76.1	82.0
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: P320633
 CATALOG NUMBER: GAN-SA9A-740-U-SLR

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: P320633

CATALOG NUMBER: GAN-SA9A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4
2.5°	10438.6	10564.5	10694.8	10825.0	10974.4	11123.7	11297.9	11470.6	11618.4	11766.3	11889.2
5°	8781.5	8982.1	9217.8	9453.4	9753.5	10053.6	10421.0	10787.0	11113.4	11439.9	11819.0
7.5°	6956.1	7216.7	7524.1	7831.5	8219.4	8607.3	9083.1	9558.8	10019.9	10479.6	11062.2
10°	5834.8	6108.6	6411.6	6713.1	7108.4	7502.1	8005.7	8507.8	9026.0	9542.7	10201.4
12.5°	5246.4	5549.4	5815.8	6082.2	6402.8	6721.9	7209.4	7696.8	8305.8	8913.3	9547.1
15°	4618.4	4949.2	5268.3	5587.4	5937.3	6285.7	6760.0	7234.3	7900.3	8566.3	9295.3
17.5°	3858.7	4207.1	4596.4	4984.3	5441.1	5896.3	6503.8	7111.3	7900.3	8687.8	9547.1
20°	3066.7	3422.4	3887.9	4353.4	4921.4	5487.9	6275.5	7063.0	8125.7	9187.0	10283.4
22.5°	2419.7	2733.0	3240.9	3747.4	4403.2	5059.0	6069.0	7077.6	8466.8	9854.5	11334.5
25°	1961.5	2182.6	2681.7	3179.4	3936.2	4693.0	5943.2	7191.8	8963.0	10732.8	12568.5
27.5°	1680.5	1825.4	2290.9	2754.9	3582.0	4407.6	5891.9	7374.8	9592.5	11810.2	13910.8
30°	1540.0	1641.0	2034.7	2427.0	3267.3	4107.5	5830.4	7553.4	10198.5	12842.2	14960.4
32.5°	1422.8	1503.4	1840.0	2175.3	2995.0	3814.7	5711.9	7607.5	10621.6	13635.6	15848.9
35°	1323.3	1390.6	1683.4	1976.2	2781.3	3586.4	5512.8	7439.2	10886.5	14333.8	16774.1
37.5°	1242.8	1295.5	1566.3	1837.1	2596.8	3356.6	5285.9	7215.2	11122.2	15029.2	17814.8
40°	1179.8	1225.2	1478.5	1731.7	2421.2	3110.6	5091.2	7070.3	11447.2	15824.0	18914.2
42.5°	1144.7	1203.3	1402.4	1600.0	2254.3	2908.6	4934.6	6960.5	11748.7	16535.5	19875.9
45°	1135.9	1219.4	1362.8	1506.3	2129.9	2753.5	4795.5	6836.1	11943.4	17050.7	20600.5
47.5°	1121.3	1190.1	1332.1	1474.1	2068.4	2661.2	4720.9	6779.0	12138.1	17495.7	21202.2
50°	1130.1	1138.9	1307.2	1474.1	2059.6	2645.1	4805.8	6966.4	12559.7	18151.5	21890.2
52.5°	1114.0	1075.9	1260.4	1444.8	2058.1	2671.5	5050.2	7429.0	13342.8	19255.3	22635.2
55°	1029.1	979.3	1172.5	1365.8	2027.4	2687.6	5341.5	7994.0	14393.9	20792.3	23974.6
57.5°	954.4	909.0	1073.0	1235.5	1933.7	2632.0	5641.6	8649.8	15504.9	22358.6	25483.9
60°	854.9	844.6	961.7	1078.8	1788.8	2497.3	5889.0	9279.2	16251.5	23222.2	26065.0
62.5°	772.9	778.8	865.1	951.5	1607.3	2261.6	5971.0	9678.9	16231.0	22783.1	25479.5
65°	710.0	720.2	805.1	890.0	1452.1	2014.2	5701.6	9387.6	15409.8	21430.5	24321.6
67.5°	648.5	660.2	761.2	860.7	1314.5	1766.8	5028.3	8288.2	13932.8	19575.8	22849.0
70°	589.9	604.6	714.4	824.1	1215.0	1604.4	4160.2	6716.1	12083.9	17450.3	21143.6
72.5°	527.0	541.6	658.7	775.8	1152.0	1526.8	3391.7	5255.2	9806.2	14355.8	18085.7
75°	462.6	472.8	600.2	726.1	1065.7	1405.3	2661.2	3915.8	7505.1	11094.4	13660.5
77.5°	398.2	411.3	518.2	623.6	904.6	1184.2	2005.5	2826.7	5506.9	8185.8	9500.3
80°	317.7	329.4	405.5	480.1	698.2	914.9	1378.9	1843.0	3789.9	5736.8	6477.5
82.5°	243.0	256.2	307.4	357.2	497.7	638.2	835.8	1033.5	2517.8	4000.7	4062.1
85°	166.9	171.3	207.9	243.0	307.4	371.8	478.7	585.5	1665.8	2746.1	2288.0
87.5°	83.4	83.4	108.3	133.2	165.4	197.6	253.2	307.4	532.8	758.3	436.2
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: P320633
 CATALOG NUMBER: GAN-SA9A-740-U-SLR

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: P320633

CATALOG NUMBER: GAN-SA9A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4
2.5°	12045.9	12152.7	12261.1	12343.0	12426.5	12546.5	12666.5	12688.5	12711.9	12665.1	12618.2
5°	12201.0	12524.6	12849.5	13149.6	13449.7	13629.7	13809.8	13846.4	13883.0	13770.3	13656.1
7.5°	11625.8	12189.3	12752.9	13269.6	13786.4	14099.6	14414.4	14484.6	14556.4	14371.9	14187.5
10°	10857.2	11549.6	12242.0	12922.7	13603.4	14058.6	14513.9	14604.7	14695.4	14465.6	14235.8
12.5°	10262.9	11002.2	11741.4	12458.7	13177.4	13648.8	14120.1	14232.8	14345.6	14178.7	14010.3
15°	10080.0	10775.3	11470.6	12095.6	12722.2	13107.2	13493.6	13539.0	13585.8	13559.5	13533.1
17.5°	10412.2	11040.2	11669.7	12009.3	12350.4	12504.1	12659.2	12709.0	12760.2	12826.1	12893.4
20°	11217.3	11659.4	12103.0	12088.3	12072.2	11997.6	11921.5	11908.3	11895.1	12083.9	12274.2
22.5°	12419.2	12594.8	12771.9	12360.6	11949.3	11698.9	11447.2	11397.4	11346.2	11546.7	11748.7
25°	13723.4	13691.2	13657.6	12874.4	12089.8	11612.6	11135.4	11079.7	11024.1	11195.4	11368.1
27.5°	15014.5	14803.7	14592.9	13528.7	12464.5	11772.1	11079.7	11024.1	10968.5	11120.7	11273.0
30°	15961.6	15623.5	15285.3	14080.6	12875.9	12053.2	11230.5	11139.8	11047.5	11234.9	11422.3
32.5°	16700.9	16247.1	15793.3	14528.5	13263.8	12373.8	11483.8	11341.8	11199.8	11450.1	11700.4
35°	17438.6	16800.4	16160.7	14928.2	13694.2	12752.9	11810.2	11636.0	11461.8	11805.8	12149.8
37.5°	18366.7	17450.3	16532.5	15377.6	14222.6	13320.9	12417.7	12239.1	12060.5	12498.2	12937.4
40°	19373.8	18151.5	16929.2	15869.4	14809.6	14107.0	13402.9	13233.0	13061.8	13594.6	14127.4
42.5°	20211.1	18804.4	17397.6	16462.3	15525.4	15030.6	14534.4	14532.9	14530.0	15070.2	15610.3
45°	20891.8	19348.9	17804.6	17040.5	16274.9	16017.3	15759.6	15966.0	16172.4	16659.9	17148.8
47.5°	21399.8	19805.7	18210.1	17702.1	17194.2	17232.2	17270.3	17690.4	18110.5	18423.8	18738.5
50°	21730.6	20219.9	18707.8	18551.2	18394.5	18735.6	19078.1	19559.7	20042.8	20256.5	20470.2
52.5°	22212.2	20782.0	19350.4	19526.1	19701.7	20398.5	21095.3	21582.7	22070.2	22149.3	22229.8
55°	23326.2	21815.5	20303.4	20640.0	20978.2	21999.9	23023.2	23403.8	23784.4	23813.6	23842.9
57.5°	24908.6	23263.2	21617.9	21980.9	22343.9	23523.8	24705.1	25115.0	25526.3	25469.2	25410.7
60°	26092.8	24637.8	23181.3	23547.2	23913.2	25063.7	26214.3	26685.7	27158.5	27032.6	26906.7
62.5°	26166.0	25388.7	24610.0	24940.8	25273.1	26400.2	27527.4	28011.9	28496.4	28276.9	28057.3
65°	25002.3	25350.7	25699.0	25808.8	25918.6	26969.7	28022.1	28392.5	28764.3	28653.1	28541.8
67.5°	23399.4	24683.1	25968.4	25747.4	25526.3	26019.6	26512.9	26895.0	27277.1	27214.1	27149.7
70°	21799.4	23513.5	25227.7	24141.5	23053.9	22850.4	22647.0	23058.3	23471.1	23216.4	22960.2
72.5°	19075.2	20902.1	22730.4	20729.3	18728.3	18033.0	17337.6	17860.2	18382.8	17977.3	17570.4
75°	14973.5	16992.2	19012.3	16624.7	14237.2	13309.2	12381.1	12830.5	13279.9	13001.8	12722.2
77.5°	11147.1	13136.4	15125.8	12698.7	10270.2	9580.8	8889.9	9023.1	9157.7	9110.9	9062.6
80°	7560.7	8946.9	10334.7	8718.6	7102.5	7155.2	7209.4	7146.4	7082.0	7175.7	7269.4
82.5°	4824.8	5894.9	6966.4	6108.6	5250.8	5742.6	6234.5	5992.9	5749.9	5839.2	5930.0
85°	2753.5	3800.1	4848.2	4518.9	4188.0	4474.9	4763.3	4388.6	4013.8	4177.8	4343.2
87.5°	726.1	2102.1	3479.5	3159.0	2838.4	2466.6	2094.7	1598.5	1102.3	1610.2	2118.2
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):

	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: P320633

CATALOG NUMBER: GAN-SA9A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4	11154.4
2.5°	12593.4	12568.5	12479.2	12388.4	12253.7	12142.5	11949.3
5°	13498.0	13339.9	13067.6	12793.9	12489.4	12139.6	11751.6
7.5°	13818.6	13448.2	12925.6	12401.6	11930.2	11376.9	10861.6
10°	13682.4	13127.7	12448.4	11767.7	11195.4	10558.6	9986.3
12.5°	13421.9	12832.0	12083.9	11334.5	10683.1	9999.4	9358.3
15°	13063.2	12591.9	11890.7	11189.5	10533.7	9869.2	9109.4
17.5°	12670.9	12447.0	11940.5	11432.5	10864.6	10220.5	9329.0
20°	12354.7	12436.7	12234.7	12032.7	11577.5	11015.3	10014.1
22.5°	12141.0	12534.8	12690.0	12846.6	12572.9	12133.7	10975.8
25°	12021.0	12673.9	13193.5	13714.6	13593.1	13255.0	12144.0
27.5°	12073.7	12874.4	13681.0	14489.0	14601.7	14508.0	13375.0
30°	12231.8	13042.7	14025.0	15008.7	15458.1	15584.0	14401.2
32.5°	12495.3	13290.1	14360.2	15431.7	16110.9	16512.0	15339.5
35°	12893.4	13637.1	14752.5	15867.9	16746.2	17478.2	16308.6
37.5°	13577.0	14216.7	15245.8	16276.4	17415.2	18514.6	17375.7
40°	14578.3	15030.6	15900.1	16771.1	18204.2	19688.5	18565.8
42.5°	15841.6	16074.3	16763.8	17453.3	19028.4	20754.2	19729.5
45°	17210.3	17271.8	17705.1	18139.8	19681.2	21480.3	20603.4
47.5°	18527.7	18316.9	18489.7	18662.4	20181.9	21998.5	21266.6
50°	19883.2	19296.2	19205.5	19114.7	20682.5	22608.9	22109.7
52.5°	21262.2	20294.6	19935.9	19575.8	21279.7	23418.4	23159.3
55°	22611.8	21380.7	20897.7	20414.6	22193.2	24406.5	24700.7
57.5°	24015.6	22620.6	22172.7	21724.7	23535.5	25658.1	26084.0
60°	25526.3	24144.5	23785.8	23425.7	25204.3	27010.6	26700.3
62.5°	26959.4	25861.5	25672.7	25482.4	26892.1	28050.0	26460.2
65°	27916.8	27290.2	27465.9	27643.0	28168.5	28309.1	25757.6
67.5°	27277.1	27404.4	28146.6	28890.2	28528.6	27539.1	24372.8
70°	23722.9	24487.0	26245.1	28004.6	27202.4	25476.5	21887.2
72.5°	18428.2	19287.5	21897.5	24508.9	23769.7	21655.9	17977.3
75°	13691.2	14661.7	17542.6	20423.4	19397.2	16198.8	12871.5
77.5°	9712.5	10362.5	13206.7	16052.4	14379.2	10782.6	8661.5
80°	7070.3	6871.2	8456.6	10041.9	9763.8	7131.8	5562.6
82.5°	5444.0	4958.0	5704.6	6451.1	6410.1	4949.2	4081.2
85°	4148.5	3953.8	4614.0	5274.2	4709.1	3352.2	2593.9
87.5°	2418.3	2719.8	3497.1	4275.9	3208.7	1017.4	503.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320633
 CATALOG NUMBER: GAN-SA9A-740-U-SLR

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)