

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: P320632

Luminaire Tested: **GAN-SA8A-740-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320632
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-SA8A-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 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: 32823 lumens
Efficiency: N/A
Efficacy: 127.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

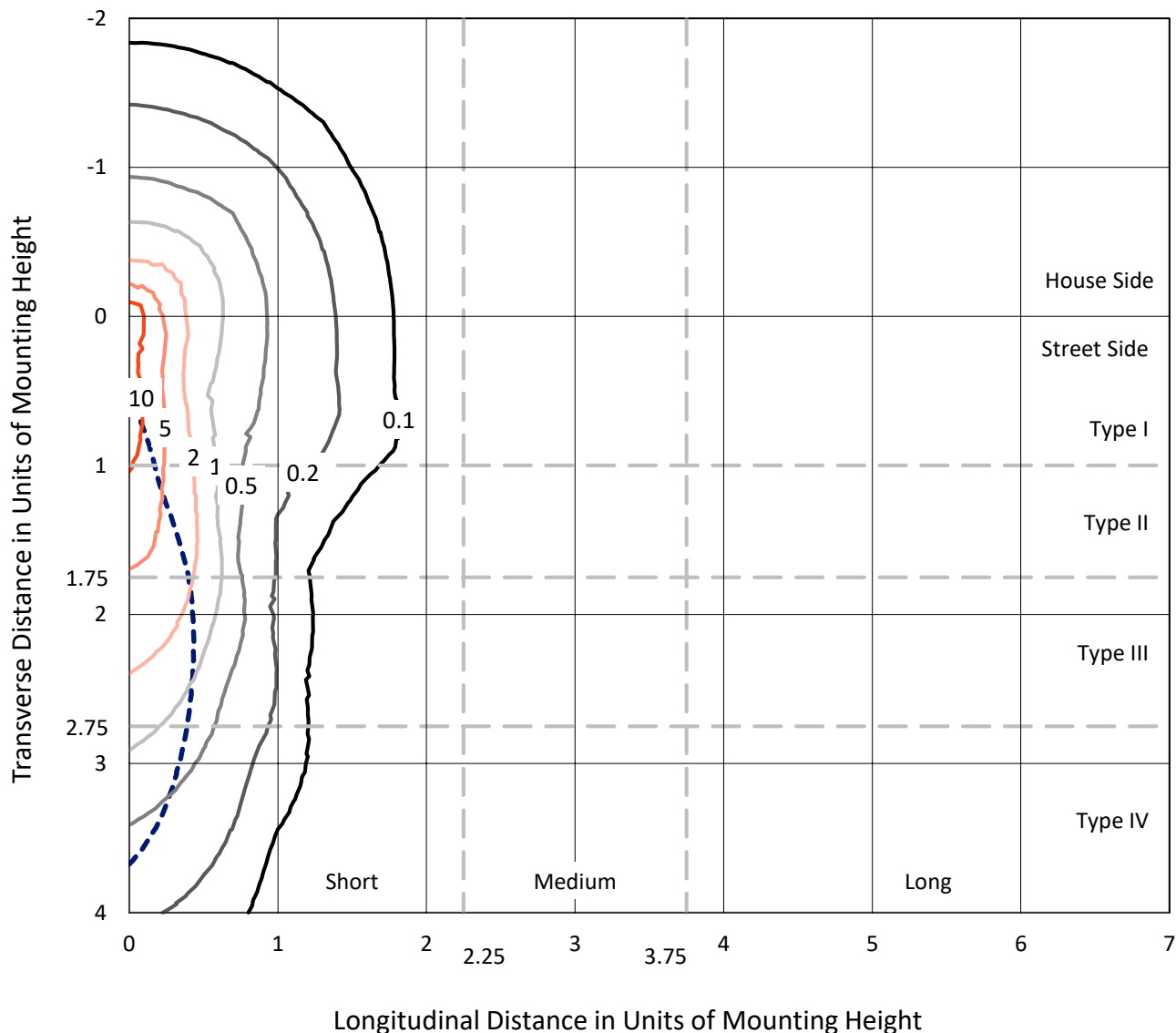
Input Watts (W): 257
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

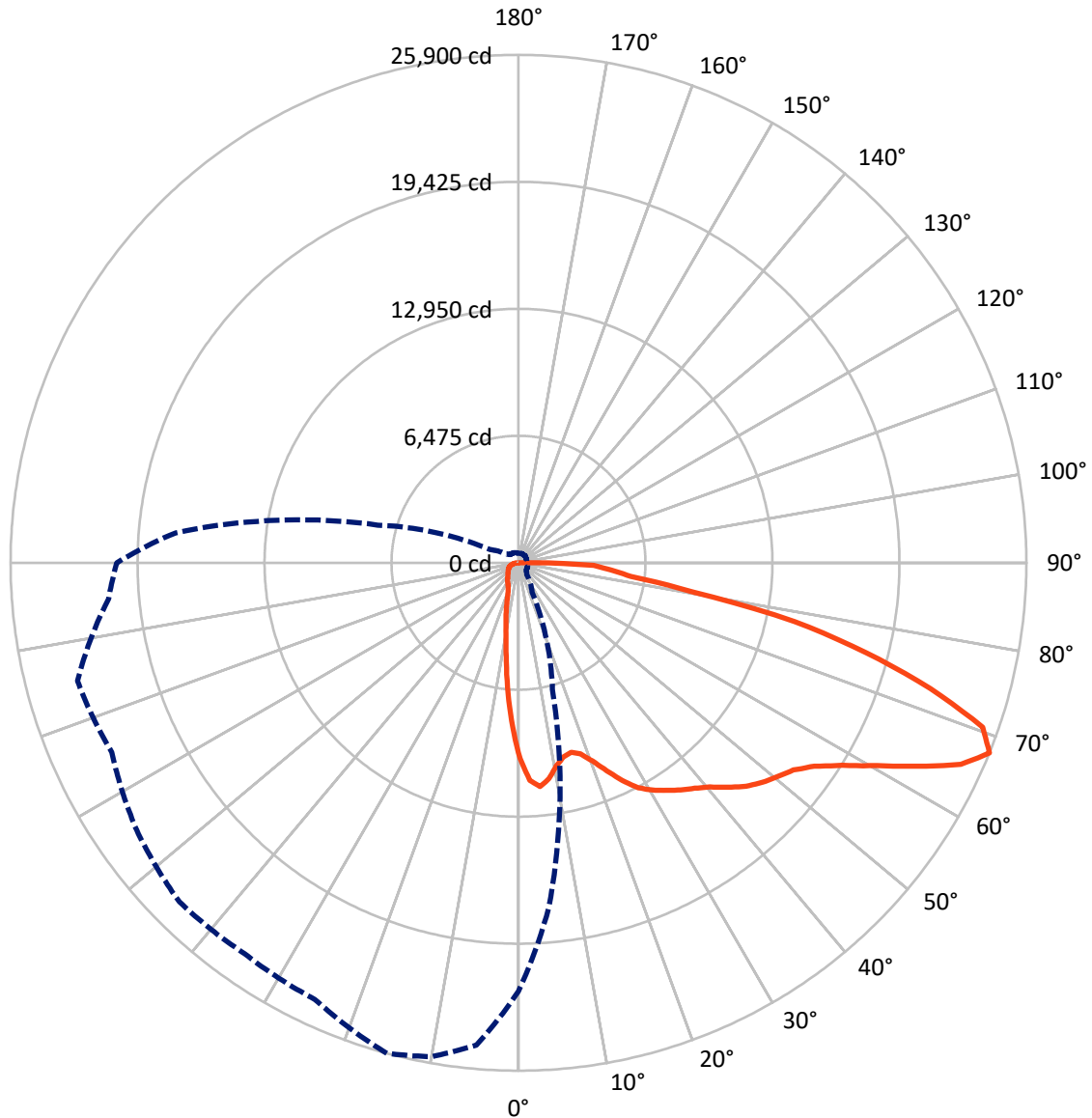
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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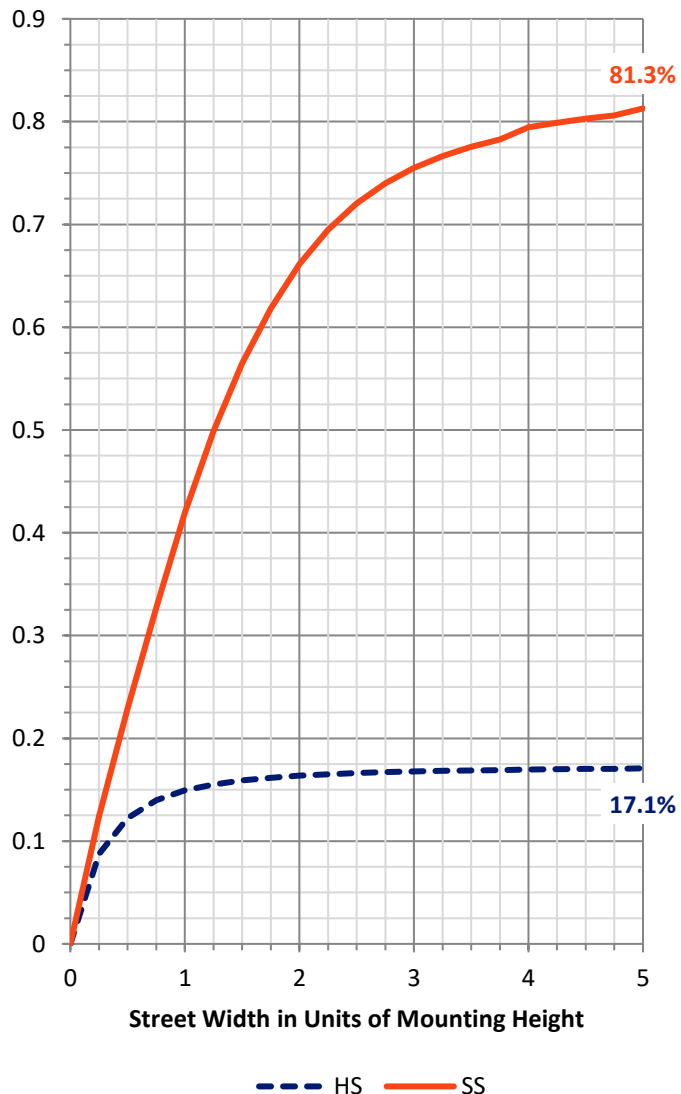
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5674.4	0.0	5674.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	27148.6	0.0	27148.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	32823.0	0.0	32823.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	771.8	2.4
10°-20°	1603.2	4.9
20°-30°	2280.2	6.9
30°-40°	3285.7	10.0
40°-50°	4630.5	14.1
50°-60°	6437.2	19.6
60°-70°	7784.5	23.7
70°-80°	4785.0	14.6
80°-90°	1245.1	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°	32823.0	100.0
0°-180°	32823.0	100.0

Coefficient of Utilization

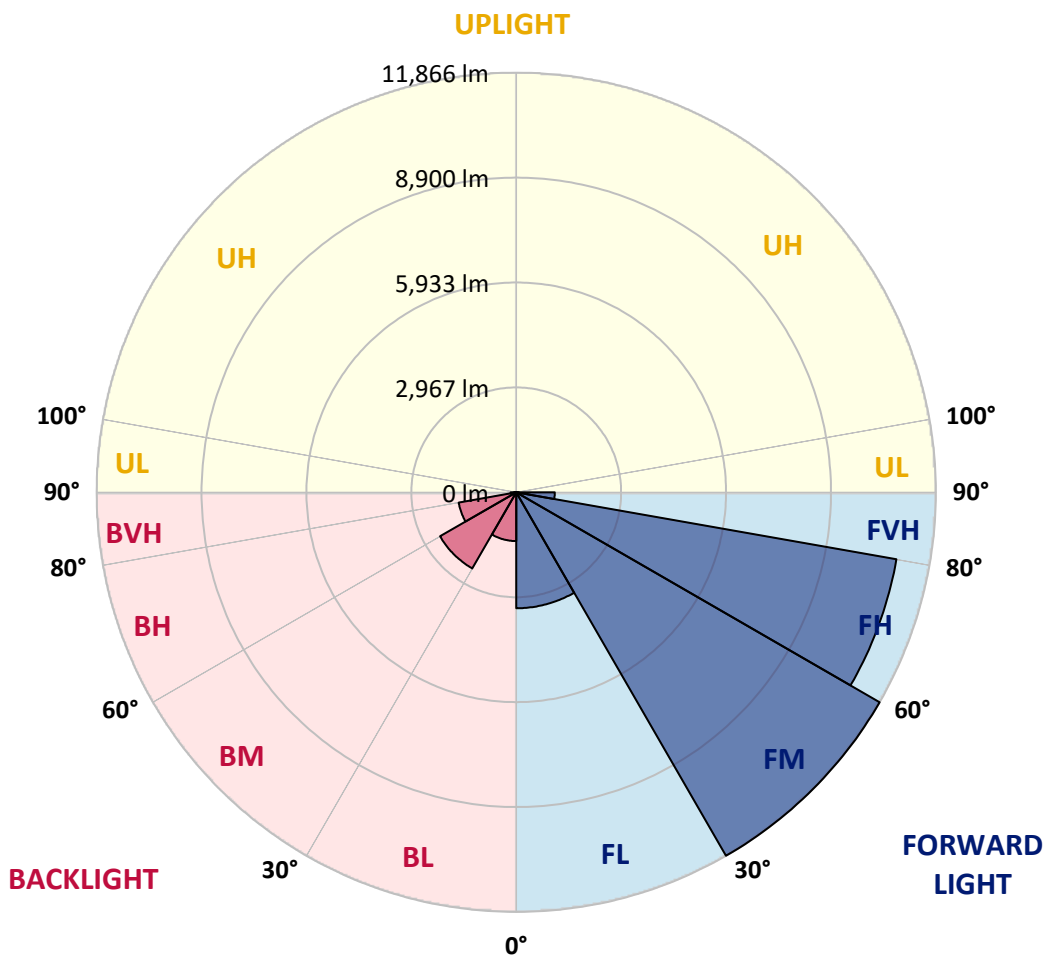


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3277.4	10.0			
FM (30°-60°)	11866.3	36.2			
FH (60°-80°)	10915.8	33.3			G4/12000
FVH (80°-90°)	1089.0	3.3			G5
BL (0°-30°)	1377.7	4.2	B3/2500		
BM (30°-60°)	2487.0	7.6	B2/2500		
BH (60°-80°)	1653.6	5.0	B3/2500		G3/2500
BVH (80°-90°)	156.1	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°	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8
2.5°	10712.3	10617.8	10474.8	10331.8	10225.5	10117.9	9995.8	9873.8	9734.7	9594.3	9511.6
5°	10535.2	10272.7	9931.5	9590.3	9364.6	9138.9	8883.0	8627.1	8373.8	8120.5	7984.1
7.5°	9737.3	9343.6	8900.0	8456.5	8128.4	7799.0	7444.7	7089.1	6774.1	6457.8	6262.3
10°	8952.5	8480.1	7970.9	7460.4	7040.5	6620.6	6264.9	5908.0	5670.5	5432.9	5253.2
12.5°	8389.6	7865.9	7305.6	6743.9	6324.0	5904.1	5678.3	5452.6	5255.8	5058.9	4851.6
15°	8166.5	7574.6	7001.1	6426.4	6044.5	5662.6	5411.9	5160.0	4896.2	4631.1	4376.5
17.5°	8363.3	7670.4	7047.1	6423.7	5923.7	5423.8	5073.4	4721.7	4373.9	4026.1	3730.9
20°	8977.5	8093.0	7278.0	6461.8	5796.4	5131.1	4661.3	4190.2	3744.0	3297.8	2963.2
22.5°	9839.7	8669.1	7604.8	6540.5	5681.0	4820.1	4230.9	3640.3	3112.8	2585.2	2257.2
25°	10886.9	9432.8	8075.9	6717.7	5633.7	4548.4	3824.1	3099.7	2543.2	1985.5	1751.9
27.5°	11990.5	10343.6	8661.2	6977.5	5641.6	4305.7	3481.5	2656.1	2154.8	1653.5	1493.4
30°	12910.4	11384.2	9343.6	7301.7	5671.8	4041.9	3158.7	2275.5	1862.2	1448.8	1345.1
32.5°	13751.6	12109.9	9858.0	7604.8	5705.9	3805.7	2909.4	2011.8	1674.5	1335.9	1250.6
35°	14620.4	12754.3	10217.6	7679.6	5646.8	3612.8	2738.8	1864.8	1553.8	1241.4	1169.3
37.5°	15577.0	13451.1	10564.0	7675.7	5547.1	3418.6	2606.2	1792.6	1475.0	1156.1	1103.6
40°	16643.9	14221.4	10939.4	7657.3	5456.6	3254.5	2507.8	1759.8	1431.7	1102.3	1057.7
42.5°	17687.2	14956.3	11288.4	7620.5	5383.1	3144.3	2410.7	1677.1	1392.4	1106.3	1043.3
45°	18470.7	15598.0	11591.6	7583.8	5328.0	3072.1	2334.6	1597.1	1355.6	1114.1	1034.1
47.5°	19065.1	16242.4	11927.5	7611.4	5322.7	3034.0	2280.8	1527.5	1286.1	1043.3	1010.5
50°	19821.0	17016.6	12417.0	7817.4	5394.9	2972.4	2217.8	1461.9	1219.1	976.4	1021.0
52.5°	20762.0	18121.6	13175.5	8228.1	5545.8	2863.4	2118.1	1372.7	1137.8	901.6	971.1
55°	22143.8	19537.6	14145.3	8751.8	5728.2	2703.3	1967.1	1229.6	1030.2	829.4	891.1
57.5°	23383.9	20968.0	15075.7	9182.2	5842.4	2501.3	1776.9	1052.5	909.4	766.4	801.8
60°	23936.4	21705.5	15511.4	9316.0	5774.1	2232.2	1563.0	892.4	803.1	713.9	707.3
62.5°	23721.2	21237.0	15082.3	8927.6	5440.8	1954.0	1374.0	793.9	727.0	658.8	644.3
65°	23091.3	19764.6	13880.2	7995.9	4877.8	1759.8	1254.6	749.3	674.5	599.7	584.0
67.5°	21849.9	17668.9	12176.9	6684.9	4162.6	1640.4	1186.3	732.3	641.7	549.9	531.5
70°	19621.6	15146.6	10215.0	5282.0	3425.1	1566.9	1141.7	716.5	606.3	494.7	477.7
72.5°	16116.4	12144.1	8157.3	4169.2	2863.4	1557.7	1136.5	715.2	577.4	439.6	423.9
75°	11539.1	9224.2	6226.9	3228.3	2345.1	1461.9	1078.7	695.5	538.0	379.3	364.8
77.5°	7764.9	6384.4	4328.0	2270.3	1740.1	1209.9	906.8	603.7	460.6	317.6	303.1
80°	4986.8	4418.5	2900.2	1381.9	1128.6	875.3	648.3	421.2	335.9	249.3	237.5
82.5°	3658.7	3288.6	2015.7	742.8	627.3	510.5	396.3	282.1	229.7	177.2	171.9
85°	2325.4	2564.2	1484.2	404.2	330.7	257.2	212.6	168.0	132.5	97.1	97.1
87.5°	451.4	624.7	410.8	195.5	143.0	90.5	77.4	63.0	35.4	6.6	7.9
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



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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°	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8
2.5°	9427.6	9337.0	9246.5	9144.1	9040.5	8944.7	8847.6	8741.3	8760.9	8679.6	8598.2
5°	7847.6	7703.2	7557.6	7431.6	7305.6	7196.7	7086.4	6988.0	7073.3	7015.6	6957.8
7.5°	6065.5	5887.0	5707.2	5556.3	5405.4	5288.6	5170.5	5089.1	5173.1	5162.6	5152.1
10°	5073.4	4900.1	4725.6	4558.9	4392.3	4250.6	4107.5	3986.8	3965.8	3905.4	3843.7
12.5°	4642.9	4405.4	4166.6	3992.0	3817.5	3648.2	3478.9	3337.2	3272.9	3173.2	3072.1
15°	4121.9	3841.1	3560.3	3362.1	3162.7	2998.6	2833.3	2711.2	2670.5	2593.1	2515.7
17.5°	3435.6	3128.5	2821.5	2620.7	2418.6	2287.3	2154.8	2073.4	2073.4	2051.1	2028.8
20°	2628.5	2354.3	2080.0	1926.5	1772.9	1703.4	1632.5	1598.4	1608.9	1610.2	1610.2
22.5°	1927.8	1759.8	1591.8	1530.1	1467.2	1442.2	1417.3	1402.9	1408.1	1409.4	1410.7
25°	1518.3	1454.0	1388.4	1356.9	1324.1	1308.4	1292.6	1287.4	1299.2	1300.5	1300.5
27.5°	1333.3	1293.9	1253.3	1233.6	1212.6	1206.0	1199.4	1190.3	1202.1	1202.1	1200.8
30°	1240.1	1198.1	1156.1	1131.2	1106.3	1108.9	1110.2	1107.6	1115.5	1120.7	1124.6
32.5°	1164.0	1123.3	1082.7	1057.7	1031.5	1027.5	1023.6	1021.0	1038.0	1047.2	1056.4
35°	1095.8	1051.2	1006.5	982.9	959.3	950.1	940.9	934.4	950.1	961.9	973.7
37.5°	1049.8	1003.9	956.7	934.4	910.7	898.9	887.1	879.2	885.8	891.1	896.3
40°	1013.1	965.9	917.3	891.1	864.8	853.0	841.2	834.6	838.6	839.9	841.2
42.5°	979.0	933.0	887.1	858.2	828.1	813.6	799.2	791.3	793.9	796.6	797.9
45°	954.0	908.1	860.9	826.8	791.3	775.6	759.8	750.6	752.0	752.0	752.0
47.5°	977.7	910.7	842.5	803.1	762.4	744.1	725.7	716.5	713.9	711.3	708.6
50°	1064.3	950.1	834.6	784.8	733.6	713.9	692.9	682.4	675.8	673.2	670.6
52.5°	1039.3	940.9	841.2	776.9	711.3	687.6	664.0	647.0	640.4	636.5	632.5
55°	951.4	889.7	826.8	749.3	671.9	650.9	628.6	616.8	605.0	602.3	599.7
57.5°	835.9	811.0	786.1	707.3	628.6	608.9	587.9	580.0	569.5	569.5	568.2
60°	699.5	736.2	772.9	682.4	590.5	568.2	545.9	539.4	535.4	534.1	532.8
62.5°	628.6	689.0	748.0	652.2	555.1	531.5	507.9	500.0	498.7	500.0	500.0
65°	568.2	586.6	605.0	560.4	515.7	492.1	467.2	459.3	461.9	465.9	469.8
67.5°	513.1	509.2	505.2	489.5	472.4	452.7	431.7	423.9	425.2	430.4	435.7
70°	460.6	455.4	448.8	437.0	425.2	408.1	391.1	385.8	384.5	391.1	396.3
72.5°	408.1	401.6	393.7	384.5	374.0	359.6	345.1	341.2	342.5	346.4	350.4
75°	350.4	345.1	338.6	330.7	321.5	308.4	295.3	292.6	295.3	299.2	303.1
77.5°	287.4	286.1	283.5	276.9	270.3	255.9	240.2	238.8	242.8	246.7	249.3
80°	224.4	225.7	227.0	221.8	216.5	200.8	183.7	182.4	186.3	190.3	194.2
82.5°	165.4	169.3	171.9	165.4	158.8	140.4	122.0	119.4	132.5	136.5	140.4
85°	95.8	101.0	106.3	101.0	95.8	77.4	59.1	57.7	69.6	76.1	82.7
87.5°	7.9	10.5	13.1	11.8	10.5	5.2	0.0	0.0	1.3	6.6	11.8
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: P320632
 CATALOG NUMBER: GAN-SA8A-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: P320632
 CATALOG NUMBER: GAN-SA8A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8
2.5°	8547.0	8495.9	8480.1	8464.4	8406.6	8347.6	8407.9	8467.0	8491.9	8516.9	8452.5
5°	6950.0	6940.8	6940.8	6939.5	6887.0	6833.2	6873.8	6913.2	6825.3	6737.4	6728.2
7.5°	5208.5	5265.0	5310.9	5355.5	5338.5	5321.4	5359.4	5397.5	5286.0	5173.1	5118.0
10°	3856.9	3868.7	3918.5	3968.4	3980.2	3990.7	4038.0	4083.9	3997.3	3910.7	3872.6
12.5°	3009.1	2946.1	2952.7	2957.9	2981.6	3003.9	3053.7	3102.3	3066.9	3030.1	3034.0
15°	2436.9	2356.9	2324.1	2290.0	2316.2	2342.5	2377.9	2412.0	2413.3	2413.3	2447.4
17.5°	1989.5	1948.8	1916.0	1881.8	1917.3	1951.4	1955.3	1959.3	1960.6	1961.9	1959.3
20°	1629.9	1649.6	1639.1	1628.6	1641.7	1653.5	1664.0	1673.2	1661.4	1648.3	1615.4
22.5°	1429.1	1446.2	1459.3	1471.1	1493.4	1514.4	1503.9	1492.1	1468.5	1443.5	1418.6
25°	1312.3	1324.1	1337.2	1350.4	1368.7	1385.8	1367.4	1349.0	1332.0	1314.9	1297.9
27.5°	1213.9	1225.7	1237.5	1248.0	1265.1	1280.8	1263.7	1246.7	1232.3	1217.8	1204.7
30°	1133.8	1141.7	1150.9	1160.1	1175.8	1190.3	1175.8	1160.1	1149.6	1137.8	1128.6
32.5°	1065.6	1073.5	1077.4	1081.3	1095.8	1110.2	1099.7	1089.2	1080.0	1070.8	1064.3
35°	990.8	1006.5	1009.2	1011.8	1026.2	1040.7	1034.1	1026.2	1015.7	1005.2	993.4
37.5°	914.7	933.0	943.5	952.7	967.2	981.6	975.0	968.5	954.0	939.6	918.6
40°	850.4	858.2	877.9	896.3	919.9	942.2	929.1	914.7	892.4	870.1	859.6
42.5°	796.6	795.3	813.6	832.0	867.4	901.6	877.9	854.3	833.3	812.3	809.7
45°	749.3	745.4	754.6	763.8	801.8	838.6	814.9	790.0	778.2	766.4	766.4
47.5°	707.3	704.7	711.3	716.5	740.1	762.4	750.6	738.8	732.3	725.7	727.0
50°	669.3	666.7	673.2	678.5	687.6	695.5	698.1	699.5	695.5	691.6	694.2
52.5°	633.8	633.8	636.5	637.8	649.6	661.4	661.4	660.1	660.1	660.1	662.7
55°	603.7	606.3	606.3	606.3	624.7	641.7	636.5	631.2	632.5	632.5	635.2
57.5°	573.5	577.4	580.0	582.7	601.0	619.4	614.2	608.9	608.9	608.9	610.2
60°	539.4	544.6	549.9	555.1	573.5	591.8	586.6	580.0	581.4	582.7	584.0
62.5°	506.5	511.8	517.0	522.3	540.7	559.0	553.8	547.2	551.2	553.8	553.8
65°	475.1	479.0	484.2	489.5	506.5	523.6	518.4	513.1	518.4	522.3	524.9
67.5°	439.6	442.2	447.5	452.7	469.8	486.9	481.6	475.1	481.6	486.9	492.1
70°	398.9	401.6	408.1	413.4	430.4	447.5	440.9	434.4	440.9	447.5	452.7
72.5°	354.3	356.9	363.5	368.8	388.4	408.1	400.3	392.4	400.3	408.1	410.8
75°	305.8	308.4	316.3	322.8	342.5	362.2	355.6	347.8	354.3	360.9	362.2
77.5°	253.3	257.2	267.7	278.2	294.0	309.7	305.8	301.8	305.8	309.7	309.7
80°	198.2	202.1	215.2	227.0	236.2	245.4	246.7	248.0	249.3	250.7	249.3
82.5°	147.0	152.2	164.0	175.8	175.8	175.8	186.3	195.5	195.5	194.2	192.9
85°	90.5	97.1	107.6	118.1	111.5	105.0	122.0	137.8	137.8	136.5	133.9
87.5°	18.4	24.9	35.4	44.6	38.1	31.5	48.6	65.6	66.9	66.9	64.3
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: P320632
 CATALOG NUMBER: GAN-SA8A-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: P320632
 CATALOG NUMBER: GAN-SA8A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8
2.5°	8386.9	8489.3	8590.3	8616.6	8656.0	8673.0	8688.8	8817.4	8944.7	9094.3	9243.9
5°	6717.7	6793.8	6869.9	6881.7	6922.4	6943.4	6964.4	7120.6	7275.4	7484.1	7692.7
7.5°	5062.9	5081.2	5099.6	5097.0	5131.1	5177.0	5221.7	5388.3	5553.7	5778.1	6001.2
10°	3834.6	3876.5	3917.2	3955.3	4030.1	4116.7	4202.0	4372.6	4543.2	4765.0	4985.4
12.5°	3038.0	3086.5	3133.8	3175.8	3262.4	3377.9	3492.0	3696.8	3901.5	4166.6	4430.3
15°	2480.3	2476.3	2472.4	2501.3	2577.4	2703.3	2828.0	3044.5	3261.1	3552.4	3842.4
17.5°	1956.6	1937.0	1917.3	1939.6	2010.4	2114.1	2216.5	2400.2	2582.6	2864.8	3146.9
20°	1582.6	1569.5	1556.4	1577.4	1622.0	1665.3	1708.6	1841.2	1972.4	2202.0	2430.4
22.5°	1392.4	1391.0	1388.4	1400.2	1421.2	1443.5	1464.5	1528.8	1591.8	1740.1	1887.1
25°	1280.8	1279.5	1278.2	1283.4	1300.5	1317.6	1334.6	1376.6	1418.6	1489.5	1560.3
27.5°	1191.6	1188.9	1186.3	1187.6	1191.6	1217.8	1242.8	1262.4	1280.8	1329.4	1376.6
30°	1119.4	1118.1	1116.8	1116.8	1112.8	1122.0	1131.2	1161.4	1190.3	1240.1	1290.0
32.5°	1057.7	1051.2	1044.6	1030.2	1021.0	1034.1	1047.2	1078.7	1110.2	1156.1	1202.1
35°	980.3	963.2	944.9	937.0	938.3	951.4	964.5	996.0	1026.2	1076.1	1124.6
37.5°	896.3	891.1	884.5	883.2	887.1	900.2	913.4	940.9	967.2	1017.0	1065.6
40°	849.1	846.4	843.8	841.2	843.8	856.9	870.1	896.3	921.2	969.8	1017.0
42.5°	807.1	805.8	804.4	804.4	805.8	820.2	834.6	860.9	885.8	929.1	972.4
45°	766.4	767.7	767.7	770.3	774.3	788.7	801.8	830.7	859.6	901.6	943.5
47.5°	728.3	732.3	734.9	741.5	745.4	761.1	775.6	807.1	838.6	891.1	942.2
50°	695.5	699.5	702.1	707.3	717.8	736.2	754.6	792.6	829.4	917.3	1003.9
52.5°	665.3	669.3	673.2	678.5	691.6	712.6	733.6	780.8	826.8	929.1	1031.5
55°	637.8	641.7	644.3	652.2	665.3	683.7	700.8	758.5	816.3	891.1	965.9
57.5°	611.5	615.5	618.1	623.3	629.9	649.6	668.0	729.6	791.3	843.8	895.0
60°	584.0	586.6	587.9	587.9	593.2	615.5	637.8	716.5	793.9	784.8	774.3
62.5°	553.8	556.4	557.7	553.8	560.4	584.0	607.6	710.0	812.3	749.3	686.3
65°	526.2	524.9	523.6	519.7	527.5	551.2	573.5	624.7	675.8	650.9	626.0
67.5°	496.1	492.1	488.2	482.9	490.8	511.8	531.5	548.5	565.6	568.2	570.9
70°	458.0	452.7	447.5	446.2	450.1	467.2	484.2	496.1	506.5	511.8	515.7
72.5°	413.4	409.4	405.5	402.9	404.2	418.6	431.7	442.2	452.7	456.7	459.3
75°	363.5	363.5	362.2	354.3	354.3	366.1	376.6	385.8	395.0	400.3	405.5
77.5°	309.7	311.0	311.0	300.5	299.2	311.0	321.5	329.4	335.9	341.2	345.1
80°	248.0	245.4	242.8	236.2	233.6	248.0	261.1	267.7	273.0	274.3	274.3
82.5°	190.3	185.0	178.5	164.0	165.4	181.1	195.5	200.8	206.0	206.0	206.0
85°	129.9	119.4	107.6	95.8	97.1	114.2	129.9	135.2	140.4	143.0	144.4
87.5°	61.7	51.2	39.4	30.2	30.2	44.6	57.7	60.4	63.0	68.2	73.5
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: P320632
 CATALOG NUMBER: GAN-SA8A-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: P320632

CATALOG NUMBER: GAN-SA8A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8
2.5°	9358.0	9470.9	9587.7	9704.5	9838.3	9972.2	10128.4	10283.2	10415.8	10548.3	10658.5
5°	7872.5	8052.3	8263.6	8474.9	8743.9	9012.9	9342.3	9670.4	9963.0	10255.7	10595.5
7.5°	6236.1	6469.7	6745.2	7020.8	7368.6	7716.3	8142.8	8569.3	8982.7	9394.8	9917.1
10°	5230.8	5476.2	5747.9	6018.2	6372.5	6725.6	7177.0	7627.1	8091.7	8554.9	9145.4
12.5°	4703.3	4974.9	5213.8	5452.6	5740.0	6026.1	6463.1	6900.1	7446.0	7990.6	8558.8
15°	4140.3	4436.9	4723.0	5009.1	5322.7	5635.0	6060.2	6485.4	7082.5	7679.6	8333.1
17.5°	3459.2	3771.6	4120.6	4468.4	4877.8	5286.0	5830.6	6375.2	7082.5	7788.5	8558.8
20°	2749.3	3068.2	3485.5	3902.8	4412.0	4919.8	5625.8	6331.9	7284.6	8236.0	9218.9
22.5°	2169.2	2450.1	2905.4	3359.5	3947.4	4535.3	5440.8	6345.0	7590.4	8834.4	10161.2
25°	1758.5	1956.6	2404.1	2850.3	3528.8	4207.2	5328.0	6447.3	8035.2	9621.8	11267.4
27.5°	1506.5	1636.4	2053.8	2469.8	3211.2	3951.3	5282.0	6611.4	8599.5	10587.7	12470.8
30°	1380.5	1471.1	1824.1	2175.8	2929.1	3682.3	5226.9	6771.5	9142.8	11512.8	13411.7
32.5°	1275.6	1347.7	1649.6	1950.1	2685.0	3419.9	5120.6	6820.0	9522.1	12224.1	14208.3
35°	1186.3	1246.7	1509.1	1771.6	2493.4	3215.1	4942.1	6669.1	9759.6	12850.1	15037.7
37.5°	1114.1	1161.4	1404.2	1646.9	2328.0	3009.1	4738.7	6468.3	9970.9	13473.4	15970.7
40°	1057.7	1098.4	1325.4	1552.5	2170.6	2788.6	4564.2	6338.4	10262.2	14186.0	16956.3
42.5°	1026.2	1078.7	1257.2	1434.3	2020.9	2607.5	4423.8	6240.0	10532.5	14823.8	17818.5
45°	1018.3	1093.1	1221.8	1350.4	1909.4	2468.4	4299.1	6128.5	10707.1	15285.7	18468.1
47.5°	1005.2	1066.9	1194.2	1321.5	1854.3	2385.8	4232.2	6077.3	10881.6	15684.7	19007.4
50°	1013.1	1021.0	1171.9	1321.5	1846.4	2371.3	4308.3	6245.3	11259.6	16272.6	19624.2
52.5°	998.7	964.5	1129.9	1295.2	1845.1	2395.0	4527.4	6659.9	11961.6	17262.0	20292.2
55°	922.5	877.9	1051.2	1224.4	1817.5	2409.4	4788.6	7166.5	12903.9	18640.0	21492.9
57.5°	855.6	814.9	961.9	1107.6	1733.6	2359.5	5057.6	7754.4	13899.9	20044.1	22845.9
60°	766.4	757.2	862.2	967.2	1603.6	2238.8	5279.4	8318.7	14569.2	20818.4	23366.9
62.5°	692.9	698.1	775.6	853.0	1440.9	2027.5	5352.9	8677.0	14550.8	20424.7	22842.0
65°	636.5	645.7	721.8	797.9	1301.8	1805.7	5111.4	8415.8	13814.6	19212.1	21803.9
67.5°	581.4	591.8	682.4	771.6	1178.4	1584.0	4507.8	7430.3	12490.5	17549.4	20483.7
70°	528.9	542.0	640.4	738.8	1089.2	1438.3	3729.6	6020.8	10833.1	15644.0	18954.9
72.5°	472.4	485.6	590.5	695.5	1032.8	1368.7	3040.6	4711.2	8791.1	12869.8	16213.5
75°	414.7	423.9	538.0	650.9	955.4	1259.8	2385.8	3510.4	6728.2	9945.9	12246.4
77.5°	356.9	368.8	464.6	559.0	811.0	1061.7	1797.9	2534.1	4936.9	7338.4	8516.9
80°	284.8	295.3	363.5	430.4	626.0	820.2	1236.2	1652.2	3397.6	5142.9	5806.9
82.5°	217.8	229.7	275.6	320.2	446.2	572.2	749.3	926.5	2257.2	3586.5	3641.6
85°	149.6	153.5	186.3	217.8	275.6	333.3	429.1	524.9	1493.4	2461.9	2051.1
87.5°	74.8	74.8	97.1	119.4	148.3	177.2	227.0	275.6	477.7	679.8	391.1
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: P320632
 CATALOG NUMBER: GAN-SA8A-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: P320632

CATALOG NUMBER: GAN-SA8A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8
2.5°	10798.9	10894.7	10991.9	11065.3	11140.1	11247.8	11355.4	11375.0	11396.0	11354.1	11312.1
5°	10938.1	11228.1	11519.4	11788.4	12057.4	12218.9	12380.3	12413.1	12445.9	12344.8	12242.5
7.5°	10422.3	10927.6	11432.8	11896.0	12359.3	12640.1	12922.3	12985.2	13049.5	12884.2	12718.8
10°	9733.4	10354.1	10974.8	11585.0	12195.2	12603.4	13011.5	13092.9	13174.2	12968.2	12762.2
12.5°	9200.6	9863.3	10526.0	11169.0	11813.4	12235.9	12658.5	12759.5	12860.6	12711.0	12560.1
15°	9036.5	9659.9	10283.2	10843.6	11405.2	11750.4	12096.8	12137.5	12179.5	12155.9	12132.2
17.5°	9334.4	9897.4	10461.7	10766.1	11071.9	11209.7	11348.8	11393.4	11439.4	11498.4	11558.8
20°	10056.2	10452.5	10850.1	10837.0	10822.6	10755.6	10687.4	10675.6	10663.8	10833.1	11003.7
22.5°	11133.6	11291.1	11449.8	11081.1	10712.3	10487.9	10262.2	10217.6	10171.7	10351.5	10532.5
25°	12302.8	12274.0	12243.8	11541.7	10838.3	10410.5	9982.7	9932.8	9883.0	10036.5	10191.4
27.5°	13460.3	13271.3	13082.4	12128.3	11174.3	10553.5	9932.8	9883.0	9833.1	9969.6	10106.1
30°	14309.4	14006.2	13703.1	12623.0	11543.0	10805.5	10068.0	9986.6	9904.0	10071.9	10239.9
32.5°	14972.1	14565.3	14158.4	13024.6	11890.8	11092.9	10295.0	10167.7	10040.4	10264.8	10489.2
35°	15633.5	15061.3	14487.8	13382.9	12276.6	11432.8	10587.7	10431.5	10275.3	10583.7	10892.1
37.5°	16465.5	15644.0	14821.2	13785.8	12750.3	11942.0	11132.3	10972.2	10812.1	11204.4	11598.1
40°	17368.3	16272.6	15176.8	14226.7	13276.6	12646.7	12015.5	11863.2	11709.7	12187.4	12665.0
42.5°	18119.0	16857.9	15596.7	14758.2	13918.3	13474.7	13029.9	13028.6	13025.9	13510.2	13994.4
45°	18729.2	17346.0	15961.6	15276.5	14590.2	14359.2	14128.3	14313.3	14498.3	14935.3	15373.6
47.5°	19184.6	17755.5	16325.1	15869.7	15414.3	15448.4	15482.6	15859.2	16235.8	16516.7	16798.8
50°	19481.1	18126.9	16771.2	16630.8	16490.4	16796.2	17103.3	17535.0	17968.1	18159.7	18351.3
52.5°	19912.9	18630.8	17347.3	17504.8	17662.3	18287.0	18911.6	19348.6	19785.6	19856.5	19928.6
55°	20911.6	19557.3	18201.7	18503.5	18806.6	19722.6	20639.9	20981.1	21322.3	21348.6	21374.8
57.5°	22330.2	20855.1	19380.1	19705.6	20031.0	21088.7	22147.7	22515.2	22884.0	22832.8	22780.3
60°	23391.8	22087.4	20781.6	21109.7	21437.8	22469.3	23500.7	23923.3	24347.2	24234.3	24121.5
62.5°	23457.4	22760.6	22062.5	22359.0	22656.9	23667.4	24677.9	25112.2	25546.6	25349.8	25152.9
65°	22414.1	22726.5	23038.8	23137.2	23235.6	24177.9	25121.4	25453.4	25786.8	25687.0	25587.3
67.5°	20977.2	22128.1	23280.3	23082.1	22884.0	23326.2	23768.4	24111.0	24453.5	24397.0	24339.3
70°	19542.8	21079.5	22616.2	21642.5	20667.5	20485.1	20302.7	20671.4	21041.5	20813.1	20583.5
72.5°	17100.6	18738.4	20377.5	18583.5	16789.6	16166.3	15542.9	16011.4	16479.9	16116.4	15751.6
75°	13423.6	15233.2	17044.2	14903.8	12763.5	11931.5	11099.5	11502.3	11905.2	11655.9	11405.2
77.5°	9993.2	11776.6	13560.0	11384.2	9207.1	8589.0	7969.6	8089.0	8209.8	8167.8	8124.5
80°	6778.0	8020.8	9264.9	7816.1	6367.3	6414.5	6463.1	6406.7	6348.9	6432.9	6516.9
82.5°	4325.4	5284.6	6245.3	5476.2	4707.2	5148.2	5589.1	5372.6	5154.7	5234.8	5316.1
85°	2468.4	3406.7	4346.3	4051.1	3754.5	4011.7	4270.2	3934.3	3598.3	3745.3	3893.6
87.5°	650.9	1884.5	3119.3	2832.0	2544.6	2211.2	1877.9	1433.0	988.2	1443.5	1898.9
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: P320632
 CATALOG NUMBER: GAN-SA8A-740-U-SLR

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: P320632

CATALOG NUMBER: GAN-SA8A-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8	9999.8
2.5°	11289.7	11267.4	11187.4	11106.0	10985.3	10885.6	10712.3
5°	12100.8	11959.0	11714.9	11469.5	11196.6	10882.9	10535.2
7.5°	12388.1	12056.1	11587.6	11117.8	10695.3	10199.2	9737.3
10°	12266.1	11768.7	11159.8	10549.6	10036.5	9465.6	8952.5
12.5°	12032.5	11503.7	10833.1	10161.2	9577.2	8964.3	8389.6
15°	11711.0	11288.4	10659.8	10031.2	9443.3	8847.6	8166.5
17.5°	11359.3	11158.5	10704.5	10249.1	9739.9	9162.5	8363.3
20°	11075.8	11149.3	10968.2	10787.1	10379.0	9875.1	8977.5
22.5°	10884.2	11237.3	11376.4	11516.8	11271.4	10877.7	9839.7
25°	10776.6	11361.9	11827.8	12295.0	12186.1	11882.9	10886.9
27.5°	10823.9	11541.7	12264.8	12989.2	13090.2	13006.2	11990.5
30°	10965.6	11692.6	12573.2	13455.1	13857.9	13970.8	12910.4
32.5°	11201.8	11914.4	12873.7	13834.3	14443.2	14802.8	13751.6
35°	11558.8	12225.4	13225.4	14225.4	15012.8	15668.9	14620.4
37.5°	12171.6	12745.1	13667.6	14591.5	15612.5	16598.0	15577.0
40°	13069.2	13474.7	14254.2	15035.1	16319.8	17650.5	16643.9
42.5°	14201.8	14410.4	15028.5	15646.6	17058.6	18605.8	17687.2
45°	15428.8	15483.9	15872.3	16262.1	17643.9	19256.7	18470.7
47.5°	16609.8	16420.9	16575.7	16730.6	18092.7	19721.3	19065.1
50°	17825.0	17298.8	17217.4	17136.1	18541.5	20268.5	19821.0
52.5°	19061.2	18193.8	17872.3	17549.4	19077.0	20994.2	20762.0
55°	20271.2	19167.5	18734.4	18301.4	19895.8	21880.0	22143.8
57.5°	21529.7	20279.0	19877.5	19475.9	21099.2	23002.1	23383.9
60°	22884.0	21645.1	21323.6	21000.8	22595.2	24214.6	23936.4
62.5°	24168.7	23184.5	23015.2	22844.6	24108.3	25146.4	23721.2
65°	25026.9	24465.3	24622.8	24781.5	25252.7	25378.6	23091.3
67.5°	24453.5	24567.6	25233.0	25899.6	25575.5	24688.4	21849.9
70°	21267.2	21952.2	23528.3	25105.7	24386.5	22839.3	19621.6
72.5°	16520.6	17290.9	19630.8	21971.9	21309.2	19414.2	16116.4
75°	12274.0	13144.0	15726.6	18309.3	17389.3	14522.0	11539.1
77.5°	8707.1	9289.8	11839.6	14390.7	12890.8	9666.4	7764.9
80°	6338.4	6160.0	7581.2	9002.4	8753.1	6393.5	4986.8
82.5°	4880.5	4444.8	5114.0	5783.3	5746.6	4436.9	3658.7
85°	3719.1	3544.5	4136.4	4728.2	4221.7	3005.2	2325.4
87.5°	2167.9	2438.3	3135.1	3833.2	2876.6	912.1	451.4
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: P320632
 CATALOG NUMBER: GAN-SA8A-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)