

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: P320591

Luminaire Tested: **GAN-SA7A-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320591
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-SA7A-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 3000K, 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: 26380 lumens
Efficiency: N/A
Efficacy: 116.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

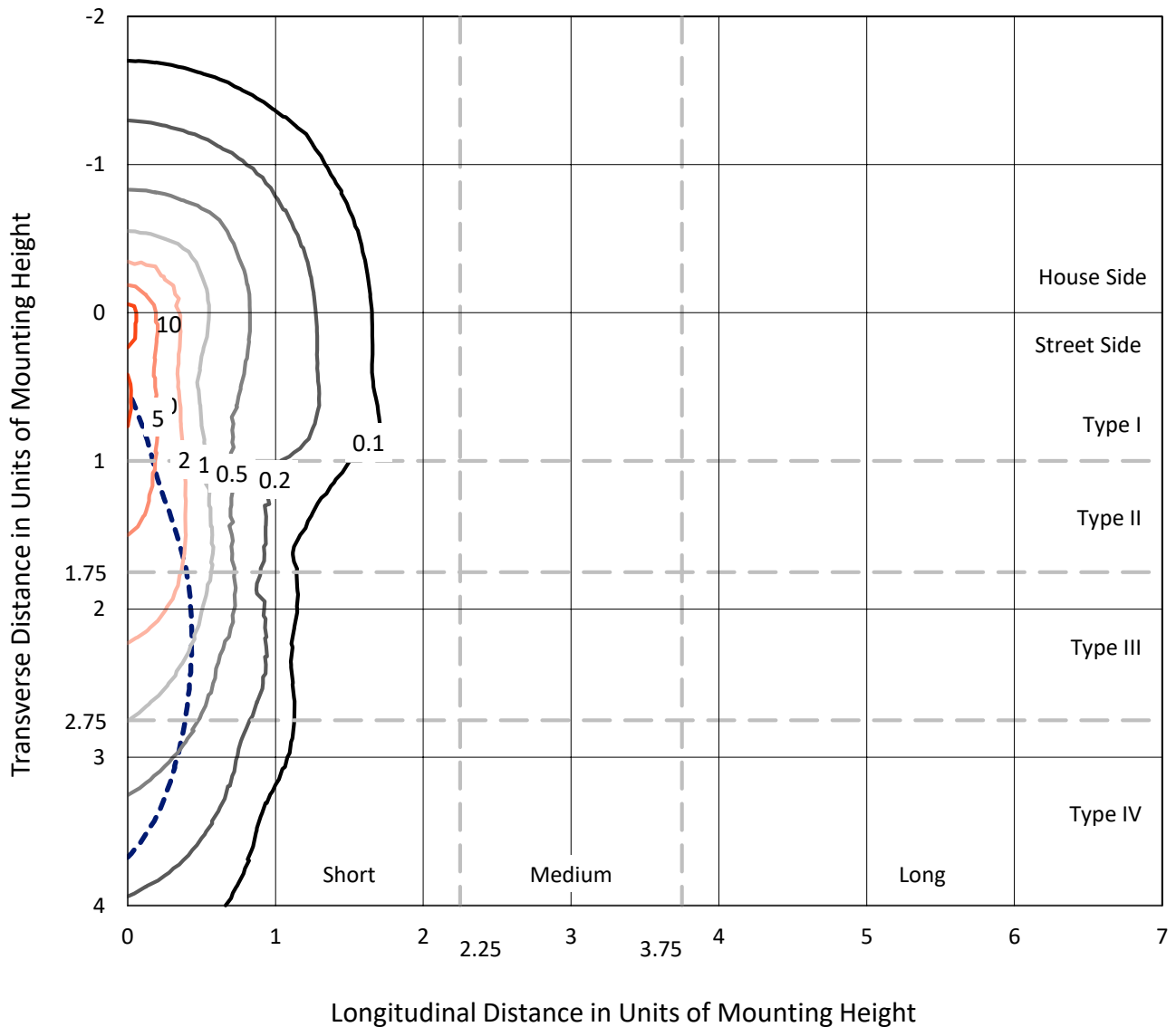
Input Watts (W): 226
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

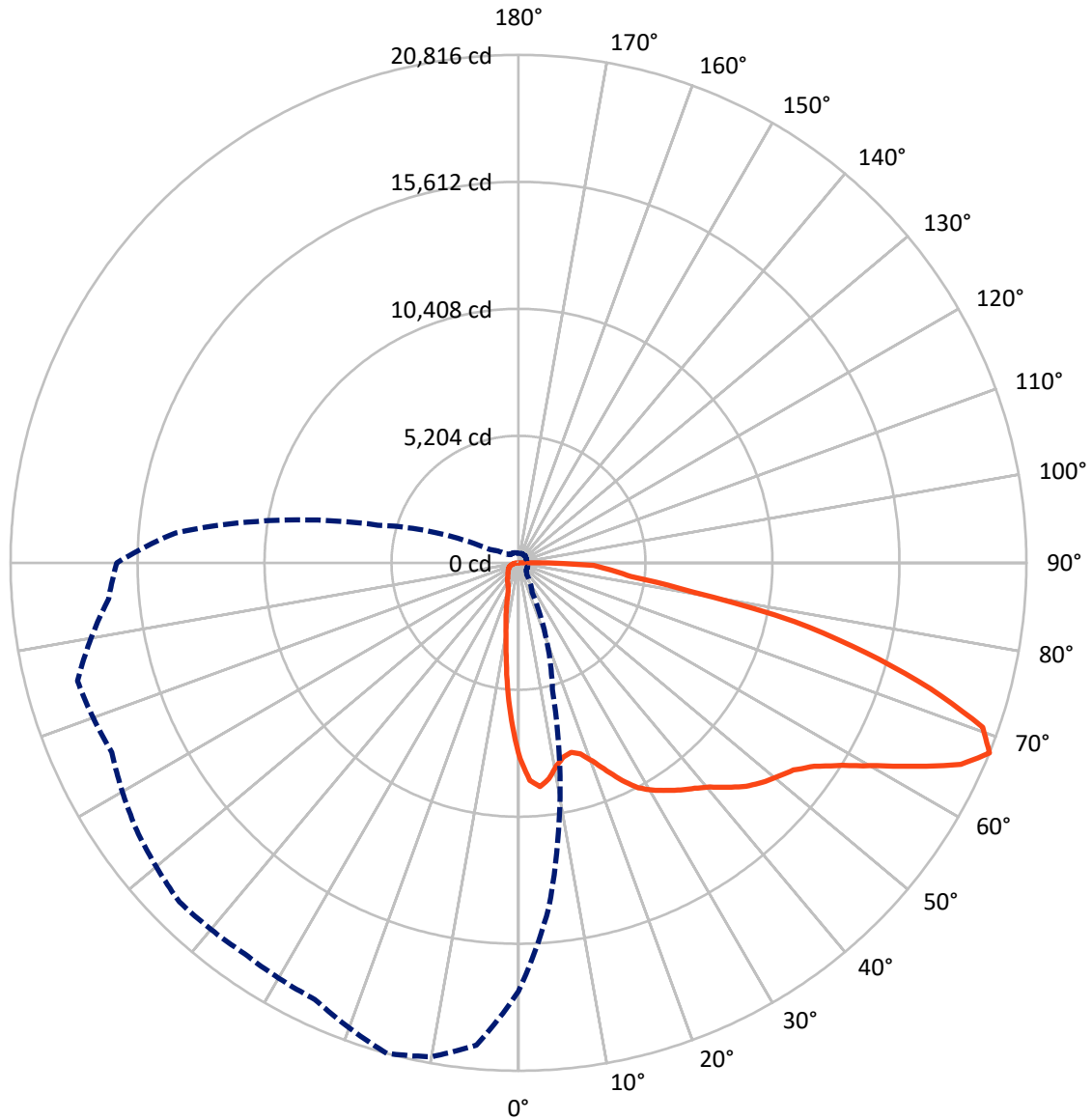
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.9 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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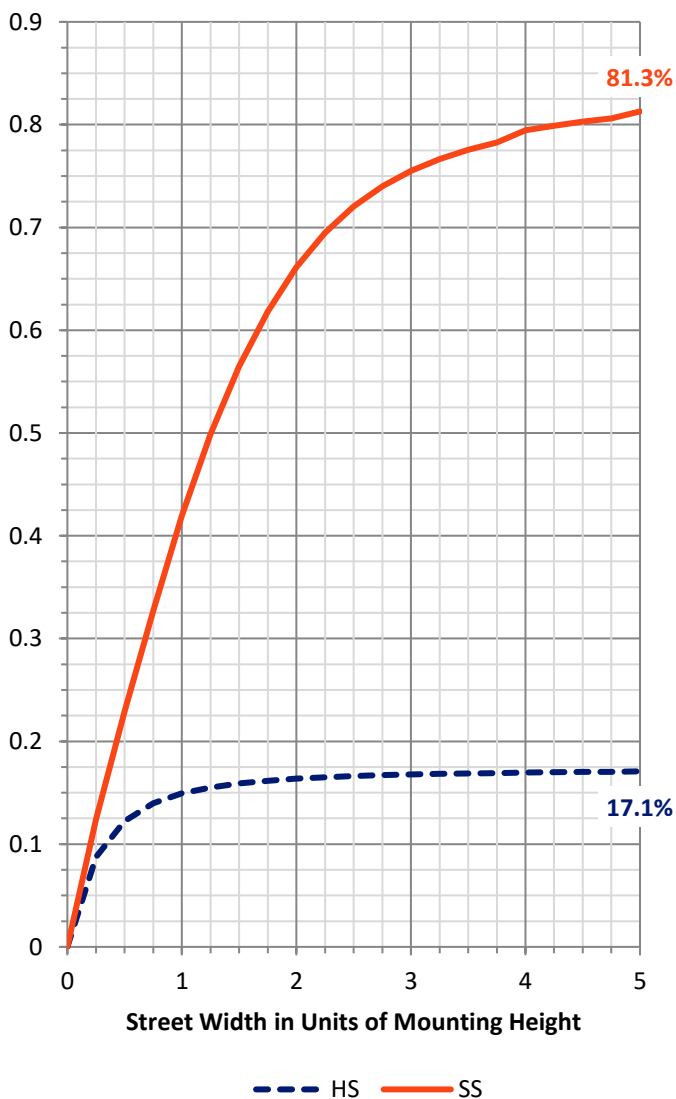
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4560.5	0.0	4560.5
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	21819.5	0.0	21819.5
	% Fixture	82.7	0.0	82.7
Total	Lumens	26380.0	0.0	26380.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	620.3	2.4
10°-20°	1288.5	4.9
20°-30°	1832.6	6.9
30°-40°	2640.7	10.0
40°-50°	3721.5	14.1
50°-60°	5173.6	19.6
60°-70°	6256.4	23.7
70°-80°	3845.7	14.6
80°-90°	1000.7	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°	26380.0	100.0
0°-180°	26380.0	100.0

Coefficient of Utilization

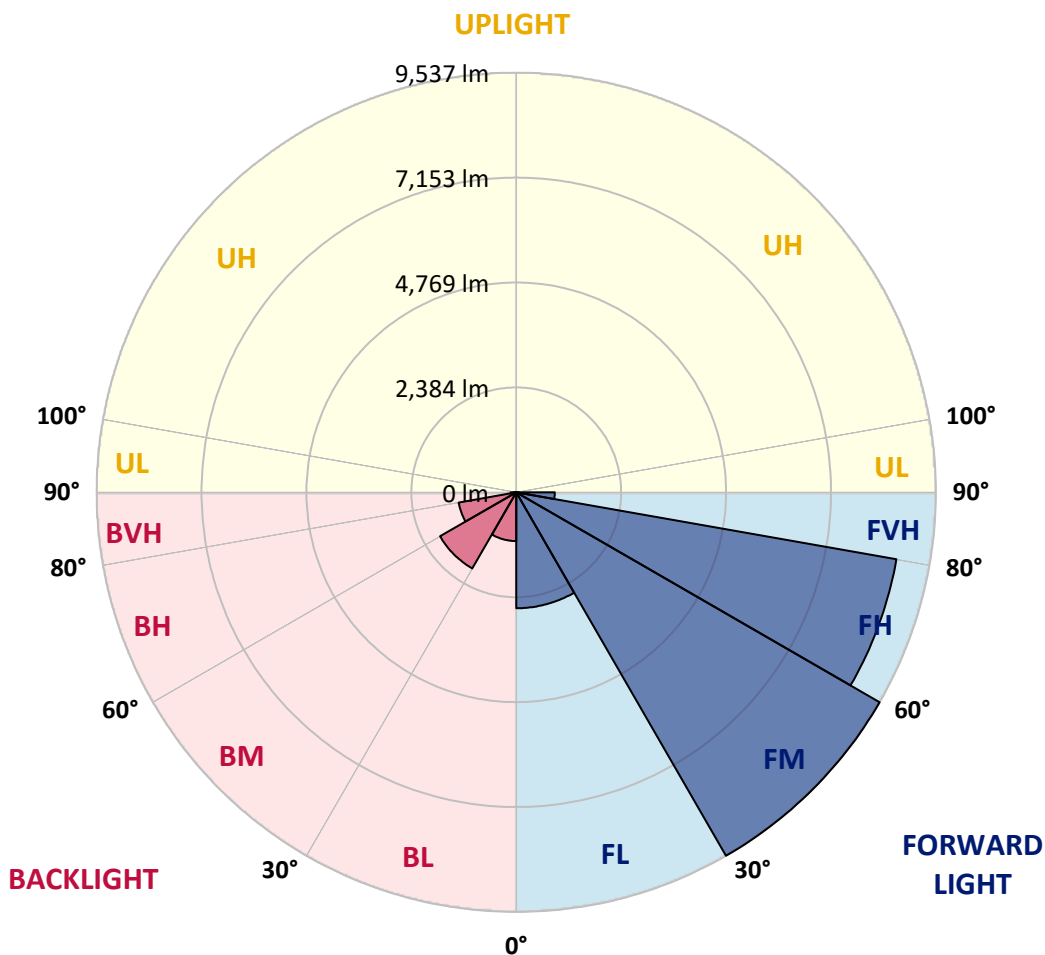


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2634.1	10.0			
FM (30°-60°)	9537.0	36.2			
FH (60°-80°)	8773.1	33.3			G4/12000
FVH (80°-90°)	875.2	3.3			G5
BL (0°-30°)	1107.3	4.2	B3/2500		
BM (30°-60°)	1998.8	7.6	B2/2500		
BH (60°-80°)	1329.0	5.0	B3/2500		G3/2500
BVH (80°-90°)	125.4	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°	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8
2.5°	8609.6	8533.6	8418.7	8303.7	8218.3	8131.8	8033.7	7935.6	7823.8	7710.9	7644.5
5°	8467.2	8256.2	7982.0	7707.8	7526.4	7345.0	7139.3	6933.6	6730.1	6526.5	6416.8
7.5°	7825.9	7509.5	7153.0	6796.5	6532.8	6268.1	5983.3	5697.5	5444.4	5190.2	5033.1
10°	7195.2	6815.5	6406.3	5996.0	5658.5	5321.0	5035.2	4748.3	4557.4	4366.5	4222.0
12.5°	6742.7	6321.9	5871.5	5420.1	5082.6	4745.1	4563.7	4382.3	4224.1	4065.9	3899.2
15°	6563.4	6087.8	5626.8	5164.9	4858.0	4551.1	4349.6	4147.1	3935.1	3722.1	3517.4
17.5°	6721.6	6164.7	5663.8	5162.8	4760.9	4359.1	4077.5	3794.8	3515.3	3235.8	2998.5
20°	7215.2	6504.4	5849.4	5193.4	4658.6	4123.9	3746.3	3367.7	3009.1	2650.5	2381.5
22.5°	7908.2	6967.4	6112.0	5256.6	4565.8	3873.9	3400.4	2925.8	2501.8	2077.8	1814.1
25°	8749.8	7581.2	6490.7	5399.0	4527.8	3655.6	3073.4	2491.2	2044.0	1595.8	1408.0
27.5°	9636.8	8313.2	6961.1	5607.9	4534.2	3460.5	2798.1	2134.7	1731.8	1328.9	1200.3
30°	10376.2	9149.6	7509.5	5868.4	4558.4	3248.5	2538.7	1828.9	1496.6	1164.4	1081.1
32.5°	11052.3	9732.8	7922.9	6112.0	4585.9	3058.6	2338.3	1616.9	1345.8	1073.7	1005.1
35°	11750.5	10250.7	8211.9	6172.1	4538.4	2903.6	2201.2	1498.7	1248.8	997.8	939.7
37.5°	12519.3	10810.7	8490.4	6169.0	4458.2	2747.5	2094.6	1440.7	1185.5	929.2	887.0
40°	13376.8	11429.8	8792.0	6154.2	4385.5	2615.7	2015.5	1414.4	1150.7	886.0	850.1
42.5°	14215.3	12020.5	9072.6	6124.7	4326.4	2527.1	1937.5	1347.9	1119.0	889.1	838.5
45°	14845.0	12536.2	9316.2	6095.1	4282.1	2469.1	1876.3	1283.6	1089.5	895.4	831.1
47.5°	15322.7	13054.1	9586.2	6117.3	4277.9	2438.5	1833.1	1227.7	1033.6	838.5	812.1
50°	15930.3	13676.4	9979.6	6282.9	4335.9	2388.9	1782.5	1174.9	979.8	784.7	820.6
52.5°	16686.5	14564.4	10589.2	6613.0	4457.2	2301.4	1702.3	1103.2	914.4	724.6	780.5
55°	17797.1	15702.4	11368.7	7033.8	4603.8	2172.7	1581.0	988.3	827.9	666.6	716.1
57.5°	18793.8	16852.1	12116.4	7379.8	4695.5	2010.3	1428.1	845.9	730.9	615.9	644.4
60°	19237.8	17444.8	12466.6	7487.3	4640.7	1794.1	1256.2	717.2	645.5	573.8	568.5
62.5°	19064.8	17068.3	12121.7	7175.2	4372.8	1570.5	1104.3	638.1	584.3	529.5	517.9
65°	18558.6	15884.9	11155.6	6426.3	3920.3	1414.4	1008.3	602.2	542.1	482.0	469.3
67.5°	17560.8	14200.5	9786.6	5372.7	3345.5	1318.4	953.5	588.5	515.8	441.9	427.2
70°	15769.9	12173.4	8209.8	4245.2	2752.8	1259.3	917.6	575.9	487.3	397.6	383.9
72.5°	12952.8	9760.2	6556.0	3350.8	2301.4	1251.9	913.4	574.8	464.1	353.3	340.7
75°	9274.0	7413.5	5004.6	2594.6	1884.8	1174.9	867.0	559.0	432.4	304.8	293.2
77.5°	6240.7	5131.1	3478.4	1824.6	1398.5	972.4	728.8	485.2	370.2	255.2	243.6
80°	4007.9	3551.2	2330.9	1110.6	907.0	703.5	521.0	338.6	270.0	200.4	190.9
82.5°	2940.5	2643.1	1620.0	597.0	504.1	410.3	318.5	226.8	184.6	142.4	138.2
85°	1868.9	2060.9	1192.9	324.8	265.8	206.7	170.9	135.0	106.5	78.0	78.0
87.5°	362.8	502.0	330.1	157.2	115.0	72.8	62.2	50.6	28.5	5.3	6.3
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



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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°	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8
2.5°	7577.0	7504.2	7431.4	7349.2	7265.9	7188.9	7110.8	7025.4	7041.2	6975.8	6910.4
5°	6307.1	6191.1	6074.0	5972.8	5871.5	5784.0	5695.4	5616.3	5684.9	5638.5	5592.0
7.5°	4874.8	4731.4	4586.9	4465.6	4344.3	4250.5	4155.5	4090.1	4157.6	4149.2	4140.8
10°	4077.5	3938.3	3798.0	3664.0	3530.1	3416.2	3301.2	3204.2	3187.3	3138.8	3089.2
12.5°	3731.5	3540.6	3348.7	3208.4	3068.1	2932.1	2796.0	2682.1	2630.4	2550.3	2469.1
15°	3312.8	3087.1	2861.4	2702.2	2541.8	2410.0	2277.1	2179.0	2146.3	2084.1	2021.9
17.5°	2761.2	2514.4	2267.6	2106.2	1943.8	1838.4	1731.8	1666.4	1666.4	1648.5	1630.6
20°	2112.6	1892.1	1671.7	1548.3	1424.9	1369.0	1312.1	1284.6	1293.1	1294.1	1294.1
22.5°	1549.4	1414.4	1279.4	1229.8	1179.2	1159.1	1139.1	1127.5	1131.7	1132.8	1133.8
25°	1220.3	1168.6	1115.9	1090.6	1064.2	1051.5	1038.9	1034.7	1044.2	1045.2	1045.2
27.5°	1071.6	1039.9	1007.2	991.4	974.5	969.3	964.0	956.6	966.1	966.1	965.1
30°	996.7	962.9	929.2	909.2	889.1	891.2	892.3	890.2	896.5	900.7	903.9
32.5°	935.5	902.8	870.1	850.1	829.0	825.8	822.7	820.6	834.3	841.7	849.0
35°	880.7	844.8	809.0	790.0	771.0	763.6	756.2	750.9	763.6	773.1	782.6
37.5°	843.8	806.8	768.9	750.9	732.0	722.5	713.0	706.7	711.9	716.1	720.4
40°	814.2	776.3	737.2	716.1	695.1	685.6	676.1	670.8	674.0	675.0	676.1
42.5°	786.8	749.9	713.0	689.8	665.5	653.9	642.3	636.0	638.1	640.2	641.3
45°	766.8	729.9	691.9	664.5	636.0	623.3	610.7	603.3	604.3	604.3	604.3
47.5°	785.8	732.0	677.1	645.5	612.8	598.0	583.3	575.9	573.8	571.6	569.5
50°	855.4	763.6	670.8	630.7	589.6	573.8	556.9	548.4	543.2	541.1	539.0
52.5°	835.3	756.2	676.1	624.4	571.6	552.7	533.7	520.0	514.7	511.5	508.4
55°	764.7	715.1	664.5	602.2	540.0	523.1	505.2	495.7	486.2	484.1	482.0
57.5°	671.8	651.8	631.8	568.5	505.2	489.4	472.5	466.2	457.7	457.7	456.7
60°	562.2	591.7	621.2	548.4	474.6	456.7	438.8	433.5	430.3	429.3	428.2
62.5°	505.2	553.7	601.2	524.2	446.1	427.2	408.2	401.8	400.8	401.8	401.8
65°	456.7	471.5	486.2	450.4	414.5	395.5	375.5	369.1	371.3	374.4	377.6
67.5°	412.4	409.2	406.1	393.4	379.7	363.9	347.0	340.7	341.7	345.9	350.2
70°	370.2	366.0	360.7	351.2	341.7	328.0	314.3	310.1	309.0	314.3	318.5
72.5°	328.0	322.7	316.4	309.0	300.6	289.0	277.4	274.2	275.3	278.4	281.6
75°	281.6	277.4	272.1	265.8	258.4	247.9	237.3	235.2	237.3	240.5	243.6
77.5°	231.0	229.9	227.8	222.5	217.3	205.7	193.0	192.0	195.1	198.3	200.4
80°	180.4	181.4	182.5	178.2	174.0	161.4	147.7	146.6	149.8	152.9	156.1
82.5°	132.9	136.1	138.2	132.9	127.6	112.9	98.1	96.0	106.5	109.7	112.9
85°	77.0	81.2	85.4	81.2	77.0	62.2	47.5	46.4	55.9	61.2	66.4
87.5°	6.3	8.4	10.5	9.5	8.4	4.2	0.0	0.0	1.1	5.3	9.5
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: P320591
 CATALOG NUMBER: GAN-SA7A-730-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: P320591
 CATALOG NUMBER: GAN-SA7A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8
2.5°	6869.3	6828.2	6815.5	6802.8	6756.4	6709.0	6757.5	6805.0	6825.0	6845.0	6793.4
5°	5585.7	5578.3	5578.3	5577.3	5535.1	5491.8	5524.5	5556.2	5485.5	5414.9	5407.5
7.5°	4186.1	4231.5	4268.4	4304.2	4290.5	4276.8	4307.4	4338.0	4248.4	4157.6	4113.3
10°	3099.8	3109.3	3149.3	3189.4	3198.9	3207.4	3245.3	3282.2	3212.6	3143.0	3112.4
12.5°	2418.4	2367.8	2373.1	2377.3	2396.3	2414.2	2454.3	2493.3	2464.8	2435.3	2438.5
15°	1958.6	1894.2	1867.9	1840.5	1861.6	1882.6	1911.1	1938.5	1939.6	1939.6	1967.0
17.5°	1598.9	1566.2	1539.9	1512.4	1540.9	1568.3	1571.5	1574.7	1575.7	1576.8	1574.7
20°	1309.9	1325.8	1317.3	1308.9	1319.4	1328.9	1337.4	1344.7	1335.3	1324.7	1298.3
22.5°	1148.6	1162.3	1172.8	1182.3	1200.3	1217.1	1208.7	1199.2	1180.2	1160.2	1140.1
25°	1054.7	1064.2	1074.7	1085.3	1100.1	1113.8	1099.0	1084.2	1070.5	1056.8	1043.1
27.5°	975.6	985.1	994.6	1003.0	1016.7	1029.4	1015.7	1002.0	990.4	978.8	968.2
30°	911.3	917.6	925.0	932.4	945.0	956.6	945.0	932.4	923.9	914.4	907.0
32.5°	856.4	862.7	865.9	869.1	880.7	892.3	883.8	875.4	868.0	860.6	855.4
35°	796.3	809.0	811.1	813.2	824.8	836.4	831.1	824.8	816.3	807.9	798.4
37.5°	735.1	749.9	758.3	765.7	777.3	788.9	783.6	778.4	766.8	755.2	738.3
40°	683.4	689.8	705.6	720.4	739.3	757.3	746.7	735.1	717.2	699.3	690.8
42.5°	640.2	639.2	653.9	668.7	697.2	724.6	705.6	686.6	669.7	652.9	650.8
45°	602.2	599.1	606.5	613.8	644.4	674.0	655.0	634.9	625.4	615.9	615.9
47.5°	568.5	566.4	571.6	575.9	594.9	612.8	603.3	593.8	588.5	583.3	584.3
50°	537.9	535.8	541.1	545.3	552.7	559.0	561.1	562.2	559.0	555.8	557.9
52.5°	509.4	509.4	511.5	512.6	522.1	531.6	531.6	530.5	530.5	530.5	532.6
55°	485.2	487.3	487.3	487.3	502.0	515.8	511.5	507.3	508.4	508.4	510.5
57.5°	460.9	464.1	466.2	468.3	483.1	497.8	493.6	489.4	489.4	489.4	490.4
60°	433.5	437.7	441.9	446.1	460.9	475.7	471.5	466.2	467.2	468.3	469.3
62.5°	407.1	411.3	415.6	419.8	434.5	449.3	445.1	439.8	443.0	445.1	445.1
65°	381.8	385.0	389.2	393.4	407.1	420.8	416.6	412.4	416.6	419.8	421.9
67.5°	353.3	355.4	359.7	363.9	377.6	391.3	387.1	381.8	387.1	391.3	395.5
70°	320.6	322.7	328.0	332.2	345.9	359.7	354.4	349.1	354.4	359.7	363.9
72.5°	284.8	286.9	292.2	296.4	312.2	328.0	321.7	315.4	321.7	328.0	330.1
75°	245.7	247.9	254.2	259.5	275.3	291.1	285.8	279.5	284.8	290.0	291.1
77.5°	203.6	206.7	215.2	223.6	236.3	248.9	245.7	242.6	245.7	248.9	248.9
80°	159.3	162.4	173.0	182.5	189.8	197.2	198.3	199.3	200.4	201.4	200.4
82.5°	118.1	122.3	131.8	141.3	141.3	141.3	149.8	157.2	157.2	156.1	155.0
85°	72.8	78.0	86.5	94.9	89.6	84.4	98.1	110.7	110.7	109.7	107.6
87.5°	14.8	20.0	28.5	35.9	30.6	25.3	39.0	52.7	53.8	53.8	51.7
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: P320591
 CATALOG NUMBER: GAN-SA7A-730-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: P320591
 CATALOG NUMBER: GAN-SA7A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8
2.5°	6740.6	6822.9	6904.1	6925.2	6956.8	6970.5	6983.2	7086.6	7188.9	7309.1	7429.3
5°	5399.0	5460.2	5521.4	5530.9	5563.6	5580.4	5597.3	5722.8	5847.3	6015.0	6182.7
7.5°	4069.1	4083.8	4098.6	4096.5	4123.9	4160.8	4196.7	4330.6	4463.5	4643.9	4823.2
10°	3081.8	3115.6	3148.3	3178.9	3239.0	3308.6	3377.2	3514.3	3651.4	3829.6	4006.8
12.5°	2441.6	2480.7	2518.6	2552.4	2622.0	2714.8	2806.6	2971.1	3135.6	3348.7	3560.7
15°	1993.4	1990.2	1987.1	2010.3	2071.4	2172.7	2272.9	2446.9	2620.9	2855.1	3088.2
17.5°	1572.6	1556.7	1540.9	1558.9	1615.8	1699.1	1781.4	1929.1	2075.7	2302.4	2529.2
20°	1272.0	1261.4	1250.9	1267.8	1303.6	1338.4	1373.2	1479.8	1585.2	1769.8	1953.3
22.5°	1119.0	1118.0	1115.9	1125.4	1142.2	1160.2	1177.1	1228.7	1279.4	1398.5	1516.7
25°	1029.4	1028.3	1027.3	1031.5	1045.2	1058.9	1072.6	1106.4	1140.1	1197.1	1254.0
27.5°	957.7	955.6	953.5	954.5	957.7	978.8	998.8	1014.6	1029.4	1068.4	1106.4
30°	899.7	898.6	897.6	897.6	894.4	901.8	909.2	933.4	956.6	996.7	1036.8
32.5°	850.1	844.8	839.5	827.9	820.6	831.1	841.7	867.0	892.3	929.2	966.1
35°	787.9	774.2	759.4	753.1	754.1	764.7	775.2	800.5	824.8	864.9	903.9
37.5°	720.4	716.1	710.9	709.8	713.0	723.5	734.1	756.2	777.3	817.4	856.4
40°	682.4	680.3	678.2	676.1	678.2	688.7	699.3	720.4	740.4	779.4	817.4
42.5°	648.6	647.6	646.5	646.5	647.6	659.2	670.8	691.9	711.9	746.7	781.5
45°	615.9	617.0	617.0	619.1	622.3	633.9	644.4	667.6	690.8	724.6	758.3
47.5°	585.4	588.5	590.6	595.9	599.1	611.7	623.3	648.6	674.0	716.1	757.3
50°	559.0	562.2	564.3	568.5	576.9	591.7	606.5	637.0	666.6	737.2	806.8
52.5°	534.7	537.9	541.1	545.3	555.8	572.7	589.6	627.5	664.5	746.7	829.0
55°	512.6	515.8	517.9	524.2	534.7	549.5	563.2	609.6	656.0	716.1	776.3
57.5°	491.5	494.7	496.8	501.0	506.3	522.1	536.8	586.4	636.0	678.2	719.3
60°	469.3	471.5	472.5	472.5	476.7	494.7	512.6	575.9	638.1	630.7	622.3
62.5°	445.1	447.2	448.2	445.1	450.4	469.3	488.3	570.6	652.9	602.2	551.6
65°	422.9	421.9	420.8	417.7	424.0	443.0	460.9	502.0	543.2	523.1	503.1
67.5°	398.7	395.5	392.4	388.1	394.5	411.3	427.2	440.9	454.6	456.7	458.8
70°	368.1	363.9	359.7	358.6	361.8	375.5	389.2	398.7	407.1	411.3	414.5
72.5°	332.2	329.1	325.9	323.8	324.8	336.5	347.0	355.4	363.9	367.0	369.1
75°	292.2	292.2	291.1	284.8	284.8	294.3	302.7	310.1	317.5	321.7	325.9
77.5°	248.9	250.0	250.0	241.5	240.5	250.0	258.4	264.7	270.0	274.2	277.4
80°	199.3	197.2	195.1	189.8	187.7	199.3	209.9	215.2	219.4	220.4	220.4
82.5°	152.9	148.7	143.4	131.8	132.9	145.5	157.2	161.4	165.6	165.6	165.6
85°	104.4	96.0	86.5	77.0	78.0	91.8	104.4	108.6	112.9	115.0	116.0
87.5°	49.6	41.1	31.6	24.3	24.3	35.9	46.4	48.5	50.6	54.8	59.1
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: P320591
 CATALOG NUMBER: GAN-SA7A-730-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: P320591
 CATALOG NUMBER: GAN-SA7A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8
2.5°	7521.1	7611.8	7705.7	7799.5	7907.1	8014.7	8140.2	8264.7	8371.2	8477.7	8566.3
5°	6327.2	6471.7	6641.5	6811.3	7027.5	7243.7	7508.4	7772.1	8007.3	8242.5	8515.7
7.5°	5012.0	5199.7	5421.2	5642.7	5922.2	6201.7	6544.4	6887.2	7219.5	7550.6	7970.4
10°	4204.1	4401.3	4619.6	4836.9	5121.6	5405.4	5768.2	6129.9	6503.3	6875.6	7350.2
12.5°	3780.1	3998.4	4190.3	4382.3	4613.3	4843.2	5194.4	5545.6	5984.4	6422.1	6878.8
15°	3327.6	3566.0	3795.9	4025.8	4277.9	4528.9	4870.6	5212.4	5692.2	6172.1	6697.4
17.5°	2780.2	3031.2	3311.8	3591.3	3920.3	4248.4	4686.1	5123.8	5692.2	6259.7	6878.8
20°	2209.6	2465.9	2801.3	3136.7	3545.9	3954.1	4521.5	5089.0	5854.7	6619.3	7409.3
22.5°	1743.4	1969.1	2335.1	2700.0	3172.6	3645.1	4372.8	5099.5	6100.4	7100.3	8166.6
25°	1413.3	1572.6	1932.2	2290.8	2836.1	3381.4	4282.1	5181.8	6458.0	7733.1	9055.7
27.5°	1210.8	1315.2	1650.6	1985.0	2580.9	3175.7	4245.2	5313.6	6911.5	8509.4	10022.9
30°	1109.5	1182.3	1466.0	1748.7	2354.1	2959.5	4200.9	5442.3	7348.1	9252.9	10779.1
32.5°	1025.2	1083.2	1325.8	1567.3	2157.9	2748.6	4115.5	5481.3	7652.9	9824.6	11419.3
35°	953.5	1002.0	1212.9	1423.9	2003.9	2584.0	3972.0	5360.0	7843.8	10327.7	12085.9
37.5°	895.4	933.4	1128.5	1323.7	1871.0	2418.4	3808.5	5198.6	8013.6	10828.7	12835.8
40°	850.1	882.8	1065.3	1247.7	1744.5	2241.2	3668.3	5094.2	8247.8	11401.4	13627.8
42.5°	824.8	867.0	1010.4	1152.8	1624.2	2095.7	3555.4	5015.1	8465.1	11913.9	14320.8
45°	818.5	878.6	981.9	1085.3	1534.6	1983.9	3455.2	4925.5	8605.3	12285.2	14842.9
47.5°	807.9	857.5	959.8	1062.1	1490.3	1917.5	3401.4	4884.3	8745.6	12605.8	15276.3
50°	814.2	820.6	941.9	1062.1	1484.0	1905.9	3462.6	5019.3	9049.4	13078.3	15772.1
52.5°	802.6	775.2	908.1	1041.0	1482.9	1924.8	3638.7	5352.6	9613.6	13873.6	16308.9
55°	741.5	705.6	844.8	984.0	1460.8	1936.4	3848.6	5759.7	10370.9	14981.0	17274.0
57.5°	687.7	655.0	773.1	890.2	1393.3	1896.4	4064.8	6232.3	11171.4	16109.6	18361.4
60°	615.9	608.6	692.9	777.3	1288.8	1799.3	4243.1	6685.8	11709.3	16731.8	18780.1
62.5°	556.9	561.1	623.3	685.6	1158.1	1629.5	4302.1	6973.7	11694.6	16415.4	18358.2
65°	511.5	518.9	580.1	641.3	1046.3	1451.3	4108.1	6763.8	11102.9	15440.9	17523.9
67.5°	467.2	475.7	548.4	620.2	947.1	1273.0	3622.9	5971.7	10038.7	14104.6	16462.9
70°	425.0	435.6	514.7	593.8	875.4	1156.0	2997.5	4839.0	8706.6	12573.1	15234.2
72.5°	379.7	390.2	474.6	559.0	830.1	1100.1	2443.8	3786.4	7065.5	10343.5	13030.9
75°	333.3	340.7	432.4	523.1	767.8	1012.5	1917.5	2821.3	5407.5	7993.6	9842.5
77.5°	286.9	296.4	373.4	449.3	651.8	853.3	1444.9	2036.6	3967.8	5897.9	6845.0
80°	228.9	237.3	292.2	345.9	503.1	659.2	993.5	1327.9	2730.6	4133.4	4667.1
82.5°	175.1	184.6	221.5	257.3	358.6	459.9	602.2	744.6	1814.1	2882.5	2926.8
85°	120.2	123.4	149.8	175.1	221.5	267.9	344.9	421.9	1200.3	1978.6	1648.5
87.5°	60.1	60.1	78.0	96.0	119.2	142.4	182.5	221.5	383.9	546.3	314.3
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: P320591
 CATALOG NUMBER: GAN-SA7A-730-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: P320591

CATALOG NUMBER: GAN-SA7A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8
2.5°	8679.2	8756.2	8834.2	8893.3	8953.4	9039.9	9126.4	9142.2	9159.1	9125.3	9091.6
5°	8791.0	9024.1	9258.2	9474.4	9690.6	9820.4	9950.1	9976.5	10002.8	9921.6	9839.3
7.5°	8376.5	8782.5	9188.6	9560.9	9933.2	10158.9	10385.7	10436.3	10488.0	10355.1	10222.2
10°	7822.7	8321.6	8820.5	9310.9	9801.4	10129.4	10457.4	10522.8	10588.2	10422.6	10257.0
12.5°	7394.5	7927.2	8459.8	8976.6	9494.5	9834.1	10173.7	10254.9	10336.1	10215.9	10094.6
15°	7262.7	7763.7	8264.7	8715.0	9166.4	9443.8	9722.3	9755.0	9788.7	9769.7	9750.7
17.5°	7502.1	7954.6	8408.1	8652.8	8898.5	9009.3	9121.1	9156.9	9193.9	9241.3	9289.8
20°	8082.2	8400.7	8720.3	8709.8	8698.1	8644.4	8589.5	8580.0	8570.5	8706.6	8843.7
22.5°	8948.1	9074.7	9202.3	8905.9	8609.6	8429.2	8247.8	8211.9	8175.0	8319.5	8465.1
25°	9887.9	9864.7	9840.4	9276.1	8710.8	8367.0	8023.1	7983.1	7943.0	8066.4	8190.8
27.5°	10818.1	10666.2	10514.4	9747.6	8980.8	8481.9	7983.1	7943.0	7902.9	8012.6	8122.3
30°	11500.5	11256.9	11013.2	10145.2	9277.2	8684.4	8091.7	8026.3	7959.9	8094.9	8229.9
32.5°	12033.1	11706.2	11379.2	10467.9	9556.7	8915.4	8274.2	8171.9	8069.5	8249.9	8430.3
35°	12564.7	12104.8	11643.9	10755.9	9866.8	9188.6	8509.4	8383.8	8258.3	8506.2	8754.0
37.5°	13233.4	12573.1	11911.8	11079.7	10247.5	9597.8	8947.1	8818.4	8689.7	9005.1	9321.5
40°	13959.0	13078.3	12197.7	11434.1	10670.4	10164.2	9656.9	9534.5	9411.1	9795.0	10179.0
42.5°	14562.3	13548.7	12535.2	11861.2	11186.2	10829.7	10472.2	10471.1	10469.0	10858.2	11247.4
45°	15052.7	13941.1	12828.4	12277.8	11726.2	11540.6	11355.0	11503.7	11652.4	12003.6	12355.9
47.5°	15418.7	14270.2	13120.5	12754.5	12388.6	12416.0	12443.4	12746.1	13048.8	13274.5	13501.3
50°	15657.1	14568.6	13479.1	13366.3	13253.4	13499.2	13746.0	14093.0	14441.0	14595.0	14749.0
52.5°	16004.1	14973.6	13942.1	14068.7	14195.3	14697.3	15199.3	15550.6	15901.8	15958.7	16016.7
55°	16806.7	15718.3	14628.8	14871.3	15115.0	15851.2	16588.4	16862.6	17136.8	17157.9	17179.0
57.5°	17946.9	16761.4	15575.9	15837.4	16099.0	16949.1	17800.3	18095.6	18391.9	18350.8	18308.6
60°	18800.1	17751.7	16702.3	16966.0	17229.7	18058.7	18887.7	19227.3	19567.9	19477.2	19386.5
62.5°	18852.8	18292.8	17731.7	17970.1	18209.5	19021.6	19833.7	20182.8	20531.9	20373.7	20215.5
65°	18014.4	18265.4	18516.4	18595.5	18674.6	19431.9	20190.2	20457.1	20724.9	20644.8	20564.6
67.5°	16859.5	17784.4	18710.5	18551.2	18391.9	18747.4	19102.8	19378.1	19653.4	19608.0	19561.6
70°	15706.7	16941.7	18176.8	17394.2	16610.5	16463.9	16317.3	16613.7	16911.1	16727.6	16543.0
72.5°	13743.9	15060.1	16377.5	14935.7	13493.9	12992.9	12491.9	12868.5	13245.0	12952.8	12659.6
75°	10788.6	12243.0	13698.5	11978.3	10258.1	9589.4	8920.7	9244.5	9568.3	9367.9	9166.4
77.5°	8031.6	9464.9	10898.3	9149.6	7399.8	6903.0	6405.2	6501.2	6598.2	6564.5	6529.7
80°	5447.5	6446.4	7446.2	6281.8	5117.4	5155.4	5194.4	5149.1	5102.7	5170.2	5237.7
82.5°	3476.3	4247.3	5019.3	4401.3	3783.2	4137.6	4492.0	4318.0	4142.9	4207.2	4272.6
85°	1983.9	2738.0	3493.2	3255.9	3017.5	3224.2	3432.0	3162.0	2892.0	3010.1	3129.3
87.5°	523.1	1514.6	2507.0	2276.1	2045.1	1777.2	1509.3	1151.7	794.2	1160.2	1526.2
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: P320591
 CATALOG NUMBER: GAN-SA7A-730-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



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8	8036.8
2.5°	9073.6	9055.7	8991.4	8926.0	8828.9	8748.8	8609.6
5°	9725.4	9611.5	9415.3	9218.1	8998.7	8746.7	8467.2
7.5°	9956.4	9689.6	9313.0	8935.5	8595.8	8197.2	7825.9
10°	9858.3	9458.6	8969.2	8478.8	8066.4	7607.6	7195.2
12.5°	9670.6	9245.5	8706.6	8166.6	7697.2	7204.7	6742.7
15°	9412.2	9072.6	8567.4	8062.2	7589.7	7110.8	6563.4
17.5°	9129.5	8968.2	8603.2	8237.2	7828.0	7363.9	6721.6
20°	8901.7	8960.8	8815.2	8669.7	8341.7	7936.7	7215.2
22.5°	8747.7	9031.4	9143.2	9256.1	9058.9	8742.4	7908.2
25°	8661.2	9131.6	9506.1	9881.5	9794.0	9550.4	8749.8
27.5°	8699.2	9276.1	9857.3	10439.5	10520.7	10453.2	9636.8
30°	8813.1	9397.4	10105.1	10813.9	11137.7	11228.4	10376.2
32.5°	9003.0	9575.7	10346.7	11118.7	11608.1	11897.1	11052.3
35°	9289.8	9825.6	10629.3	11433.0	12065.8	12593.2	11750.5
37.5°	9782.4	10243.3	10984.7	11727.3	12547.8	13339.9	12519.3
40°	10503.8	10829.7	11456.2	12083.8	13116.3	14185.8	13376.8
42.5°	11414.0	11581.7	12078.5	12575.2	13710.1	14953.6	14215.3
45°	12400.2	12444.5	12756.7	13069.9	14180.5	15476.7	14845.0
47.5°	13349.4	13197.5	13322.0	13446.4	14541.2	15850.1	15322.7
50°	14326.1	13903.1	13837.7	13772.3	14901.9	16289.9	15930.3
52.5°	15319.6	14622.4	14364.0	14104.6	15332.2	16873.2	16686.5
55°	16292.0	15405.0	15057.0	14708.9	15990.4	17585.1	17797.1
57.5°	17303.5	16298.4	15975.6	15652.9	16957.5	18486.9	18793.8
60°	18391.9	17396.3	17137.9	16878.4	18159.9	19461.4	19237.8
62.5°	19424.5	18633.5	18497.4	18360.3	19376.0	20210.3	19064.8
65°	20114.3	19662.9	19789.4	19917.0	20295.7	20396.9	18558.6
67.5°	19653.4	19745.1	20279.9	20815.7	20555.1	19842.2	17560.8
70°	17092.5	17643.1	18909.8	20177.6	19599.6	18356.1	15769.9
72.5°	13277.7	13896.8	15777.3	17658.9	17126.3	15603.3	12952.8
75°	9864.7	10563.9	12639.6	14715.2	13975.9	11671.4	9274.0
77.5°	6998.0	7466.3	9515.5	11565.9	10360.4	7769.0	6240.7
80°	5094.2	4950.8	6093.0	7235.3	7034.9	5138.5	4007.9
82.5°	3922.4	3572.3	4110.2	4648.1	4618.6	3566.0	2940.5
85°	2989.0	2848.8	3324.4	3800.1	3393.0	2415.3	1868.9
87.5°	1742.4	1959.6	2519.7	3080.8	2311.9	733.0	362.8
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: P320591
 CATALOG NUMBER: GAN-SA7A-730-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)