

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: P320561

Luminaire Tested: **GAN-SA7B-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320561
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-SA7B-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 2700K, 800mA 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: 29706 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

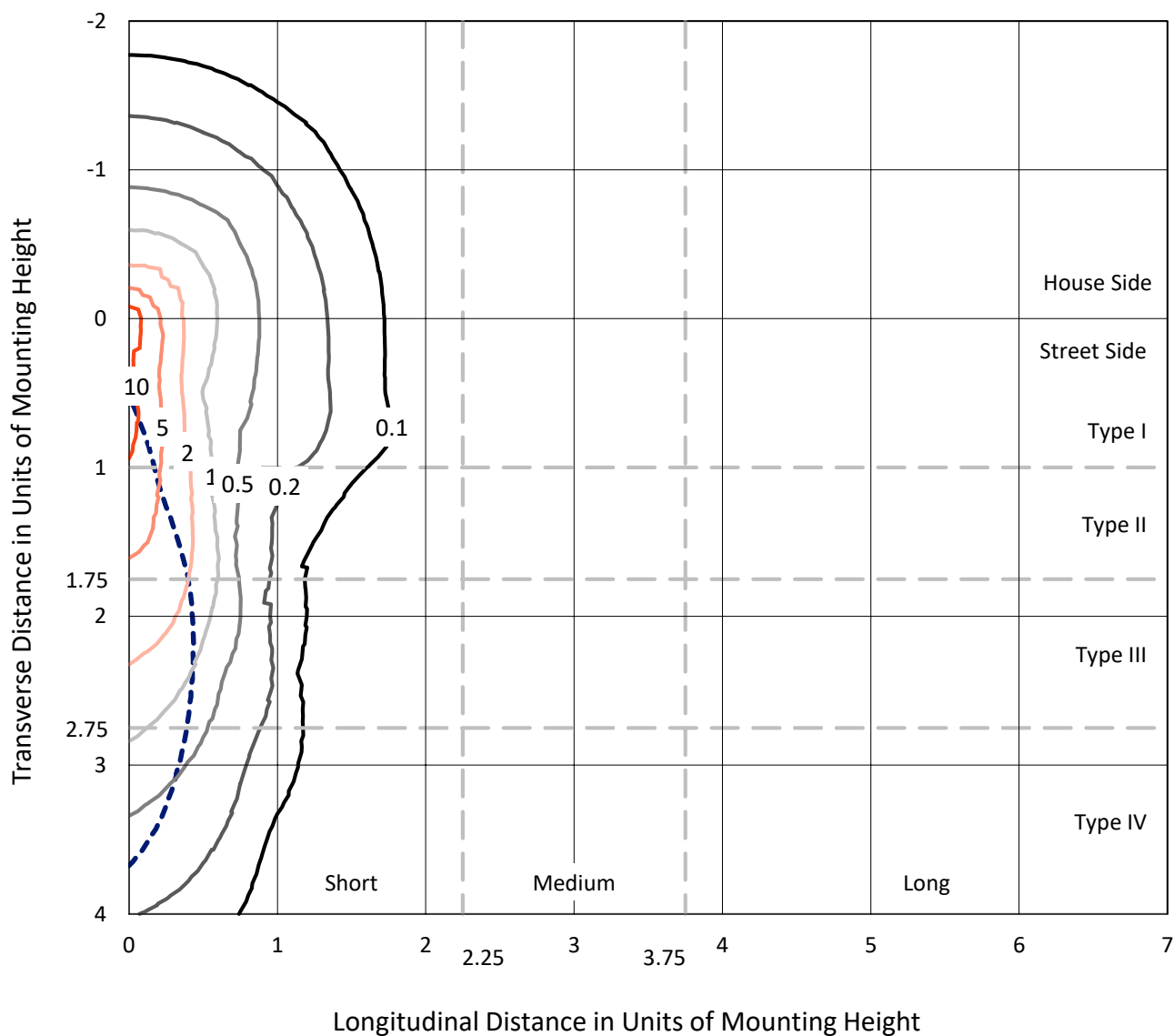
Input Watts (W): 295
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

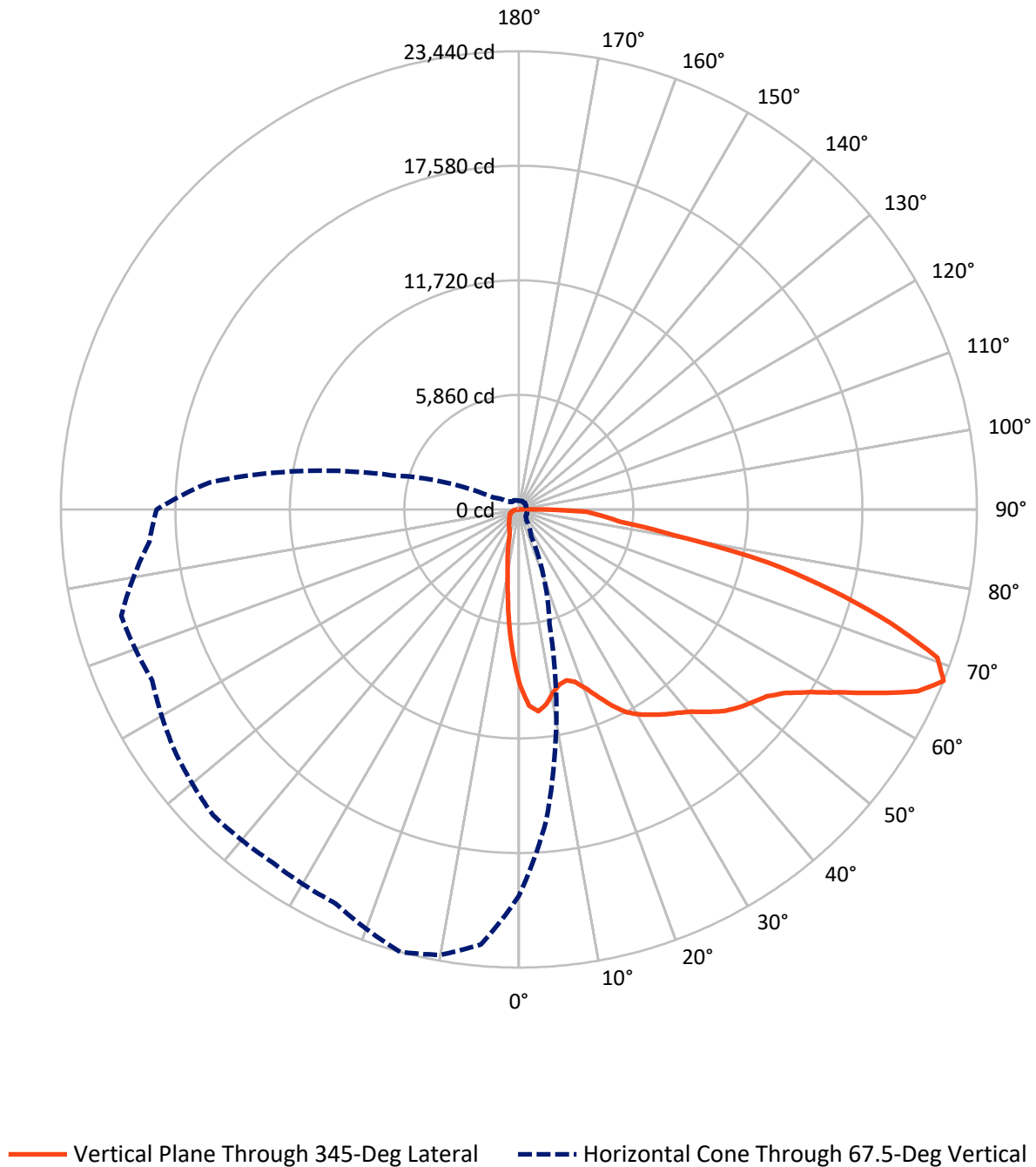
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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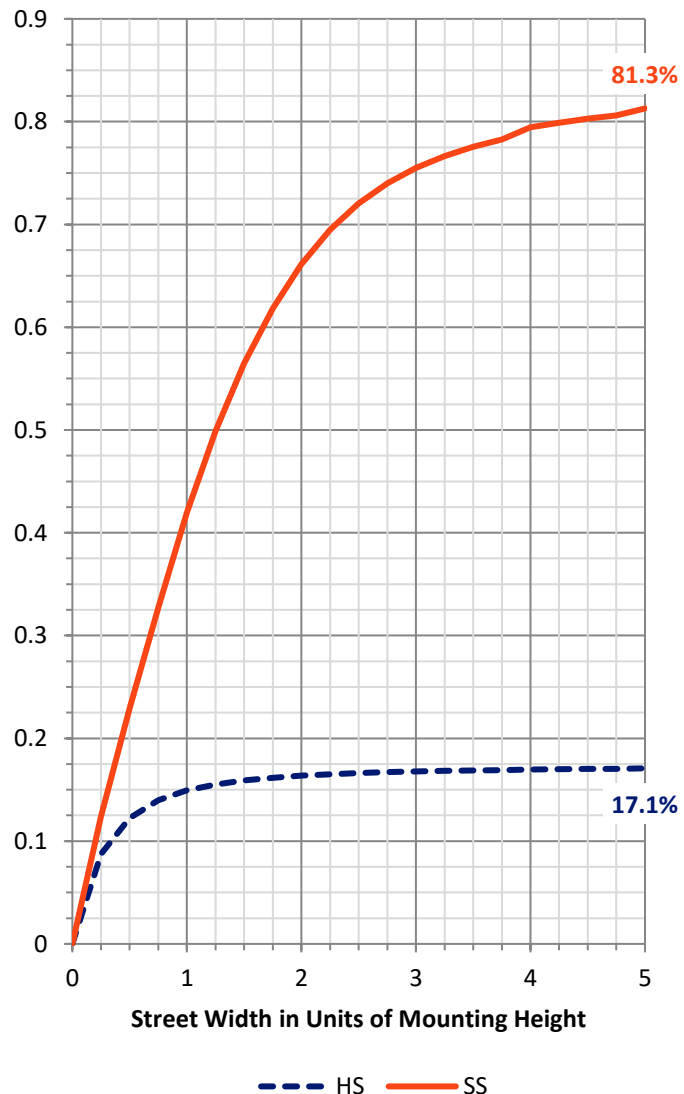
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5135.5	0.0	5135.5
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	24570.5	0.0	24570.5
	% Fixture	82.7	0.0	82.7
Total	Lumens	29706.0	0.0	29706.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	698.5	2.4
10°-20°	1451.0	4.9
20°-30°	2063.6	6.9
30°-40°	2973.7	10.0
40°-50°	4190.8	14.1
50°-60°	5825.9	19.6
60°-70°	7045.2	23.7
70°-80°	4330.6	14.6
80°-90°	1126.8	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°	29706.0	100.0
0°-180°	29706.0	100.0

Coefficient of Utilization



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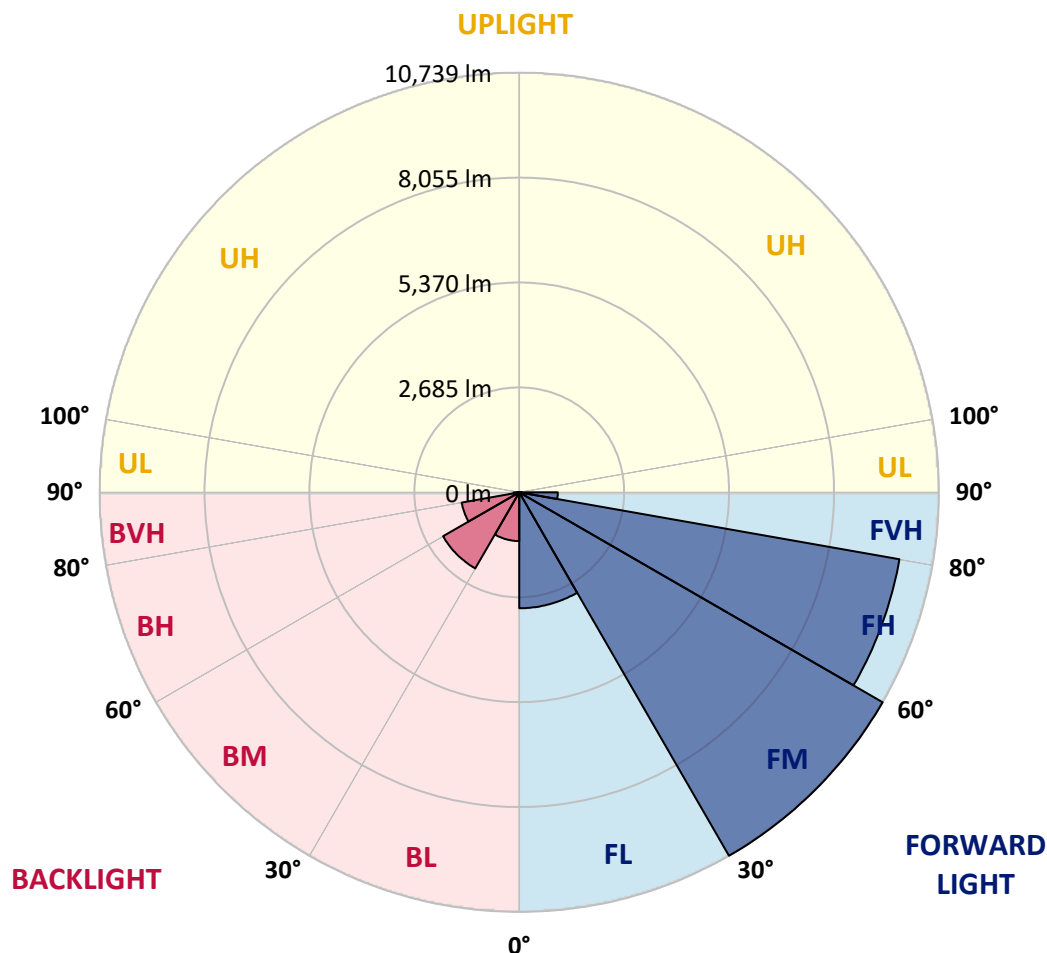
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2966.2	10.0			
FM	(30°-60°)	10739.5	36.2			
FH	(60°-80°)	9879.2	33.3			G4/12000
FVH	(80°-90°)	985.6	3.3			G5
BL	(0°-30°)	1246.9	4.2	B3/2500		
BM	(30°-60°)	2250.8	7.6	B2/2500		
BH	(60°-80°)	1496.6	5.0	B3/2500		G3/2500
BVH	(80°-90°)	141.3	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°	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1
2.5°	9695.1	9609.5	9480.1	9350.6	9254.4	9157.0	9046.6	8936.1	8810.2	8683.1	8608.3
5°	9534.7	9297.2	8988.4	8679.6	8475.3	8271.0	8039.4	7807.8	7578.6	7349.4	7225.9
7.5°	8812.6	8456.3	8054.9	7653.4	7356.5	7058.4	6737.7	6415.9	6130.8	5844.6	5667.6
10°	8102.4	7674.8	7214.0	6752.0	6371.9	5991.9	5670.0	5346.9	5132.0	4917.0	4754.3
12.5°	7592.9	7119.0	6611.8	6103.5	5723.4	5343.4	5139.1	4934.8	4756.7	4578.5	4390.9
15°	7390.9	6855.3	6336.3	5816.1	5470.5	5124.8	4898.0	4670.0	4431.2	4191.3	3960.9
17.5°	7569.1	6942.0	6377.9	5813.7	5361.2	4908.7	4591.6	4273.3	3958.5	3643.8	3376.6
20°	8124.9	7324.4	6586.9	5848.1	5246.0	4643.8	4218.6	3792.3	3388.5	2984.6	2681.8
22.5°	8905.2	7845.8	6882.6	5919.4	5141.5	4362.4	3829.1	3294.6	2817.2	2339.7	2042.8
25°	9853.0	8537.1	7309.0	6079.7	5098.7	4116.5	3460.9	2805.3	2301.7	1797.0	1585.6
27.5°	10851.9	9361.3	7838.7	6314.9	5105.8	3896.8	3150.9	2403.9	1950.2	1496.5	1351.6
30°	11684.4	10303.1	8456.3	6608.3	5133.2	3658.1	2858.8	2059.4	1685.3	1311.2	1217.4
32.5°	12445.7	10959.9	8921.9	6882.6	5164.0	3444.3	2633.1	1820.7	1515.5	1209.1	1131.9
35°	13232.0	11543.1	9247.3	6950.3	5110.6	3269.7	2478.7	1687.7	1406.2	1123.5	1058.2
37.5°	14097.8	12173.7	9560.8	6946.8	5020.3	3093.9	2358.7	1622.4	1335.0	1046.3	998.8
40°	15063.4	12870.9	9900.5	6930.1	4938.4	2945.5	2269.7	1592.7	1295.8	997.7	957.3
42.5°	16007.6	13536.0	10216.4	6896.9	4871.9	2845.7	2181.8	1517.9	1260.1	1001.2	944.2
45°	16716.6	14116.8	10490.8	6863.6	4822.0	2780.4	2112.9	1445.4	1226.9	1008.3	935.9
47.5°	17254.6	14699.9	10794.8	6888.6	4817.2	2745.9	2064.2	1382.5	1163.9	944.2	914.5
50°	17938.8	15400.7	11237.8	7075.0	4882.6	2690.1	2007.2	1323.1	1103.4	883.6	924.0
52.5°	18790.3	16400.7	11924.3	7446.8	5019.1	2591.5	1916.9	1242.3	1029.7	815.9	878.9
55°	20041.0	17682.2	12802.0	7920.7	5184.2	2446.6	1780.3	1112.9	932.3	750.6	806.4
57.5°	21163.3	18976.8	13644.1	8310.2	5287.6	2263.7	1608.1	952.5	823.1	693.6	725.7
60°	21663.3	19644.3	14038.4	8431.4	5225.8	2020.2	1414.5	807.6	726.9	646.1	640.2
62.5°	21468.5	19220.3	13650.0	8079.8	4924.1	1768.5	1243.5	718.5	658.0	596.2	583.2
65°	20898.5	17887.7	12562.1	7236.5	4414.6	1592.7	1135.4	678.2	610.5	542.8	528.5
67.5°	19774.9	15991.0	11020.5	6050.1	3767.3	1484.6	1073.7	662.7	580.8	497.6	481.0
70°	17758.2	13708.2	9244.9	4780.4	3099.9	1418.1	1033.3	648.5	548.7	447.8	432.3
72.5°	14585.9	10990.8	7382.6	3773.3	2591.5	1409.8	1028.5	647.3	522.6	397.9	383.6
75°	10443.3	8348.2	5635.6	2921.7	2122.4	1323.1	976.3	629.5	486.9	343.2	330.2
77.5°	7027.5	5778.1	3917.0	2054.7	1574.9	1095.0	820.7	546.3	416.9	287.4	274.4
80°	4513.2	3998.9	2624.8	1250.6	1021.4	792.2	586.7	381.2	304.0	225.7	215.0
82.5°	3311.3	2976.3	1824.3	672.2	567.7	462.0	358.7	255.4	207.8	160.3	155.6
85°	2104.6	2320.7	1343.3	365.8	299.3	232.8	192.4	152.0	120.0	87.9	87.9
87.5°	408.6	565.3	371.7	177.0	129.5	82.0	70.1	57.0	32.1	5.9	7.1
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



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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°	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1
2.5°	8532.3	8450.4	8368.4	8275.8	8181.9	8095.2	8007.4	7911.2	7929.0	7855.3	7781.7
5°	7102.3	6971.7	6839.9	6725.8	6611.8	6513.2	6413.5	6324.4	6401.6	6349.3	6297.1
7.5°	5489.5	5327.9	5165.2	5028.6	4892.1	4786.4	4679.5	4605.8	4681.8	4672.3	4662.8
10°	4591.6	4434.8	4276.8	4126.0	3975.2	3846.9	3717.4	3608.2	3589.2	3534.5	3478.7
12.5°	4202.0	3987.0	3770.9	3612.9	3455.0	3301.8	3148.5	3020.3	2962.1	2871.8	2780.4
15°	3730.5	3476.3	3222.2	3042.8	2862.3	2713.9	2564.2	2453.8	2416.9	2346.9	2276.8
17.5°	3109.4	2831.4	2553.5	2371.8	2188.9	2070.1	1950.2	1876.5	1876.5	1856.3	1836.2
20°	2378.9	2130.7	1882.5	1743.5	1604.6	1541.6	1477.5	1446.6	1456.1	1457.3	1457.3
22.5°	1744.7	1592.7	1440.7	1384.8	1327.8	1305.3	1282.7	1269.6	1274.4	1275.6	1276.8
25°	1374.1	1316.0	1256.6	1228.1	1198.4	1184.1	1169.9	1165.1	1175.8	1177.0	1177.0
27.5°	1206.7	1171.1	1134.2	1116.4	1097.4	1091.5	1085.5	1077.2	1087.9	1087.9	1086.7
30°	1122.4	1084.4	1046.3	1023.8	1001.2	1003.6	1004.8	1002.4	1009.5	1014.3	1017.8
32.5°	1053.5	1016.7	979.8	957.3	933.5	930.0	926.4	924.0	939.5	947.8	956.1
35°	991.7	951.3	911.0	889.6	868.2	859.9	851.6	845.6	859.9	870.6	881.3
37.5°	950.1	908.6	865.8	845.6	824.3	813.6	802.9	795.7	801.7	806.4	811.2
40°	916.9	874.1	830.2	806.4	782.7	772.0	761.3	755.4	758.9	760.1	761.3
42.5°	886.0	844.4	802.9	776.7	749.4	736.4	723.3	716.2	718.5	720.9	722.1
45°	863.4	821.9	779.1	748.2	716.2	701.9	687.7	679.4	680.5	680.5	680.5
47.5°	884.8	824.3	762.5	726.9	690.0	673.4	656.8	648.5	646.1	643.7	641.3
50°	963.2	859.9	755.4	710.2	663.9	646.1	627.1	617.6	611.7	609.3	606.9
52.5°	940.6	851.6	761.3	703.1	643.7	622.3	601.0	585.5	579.6	576.0	572.5
55°	861.1	805.2	748.2	678.2	608.1	589.1	568.9	558.2	547.5	545.1	542.8
57.5°	756.6	734.0	711.4	640.2	568.9	551.1	532.1	525.0	515.5	515.5	514.3
60°	633.0	666.3	699.5	617.6	534.5	514.3	494.1	488.1	484.6	483.4	482.2
62.5°	568.9	623.5	677.0	590.3	502.4	481.0	459.6	452.5	451.3	452.5	452.5
65°	514.3	530.9	547.5	507.1	466.8	445.4	422.8	415.7	418.1	421.6	425.2
67.5°	464.4	460.8	457.3	443.0	427.6	409.8	390.7	383.6	384.8	389.6	394.3
70°	416.9	412.1	406.2	395.5	384.8	369.4	353.9	349.2	348.0	353.9	358.7
72.5°	369.4	363.4	356.3	348.0	338.5	325.4	312.4	308.8	310.0	313.5	317.1
75°	317.1	312.4	306.4	299.3	291.0	279.1	267.2	264.9	267.2	270.8	274.4
77.5°	260.1	258.9	256.5	250.6	244.7	231.6	217.3	216.2	219.7	223.3	225.7
80°	203.1	204.3	205.5	200.7	196.0	181.7	166.3	165.1	168.7	172.2	175.8
82.5°	149.6	153.2	155.6	149.6	143.7	127.1	110.5	108.1	120.0	123.5	127.1
85°	86.7	91.5	96.2	91.5	86.7	70.1	53.4	52.3	62.9	68.9	74.8
87.5°	7.1	9.5	11.9	10.7	9.5	4.8	0.0	0.0	1.2	5.9	10.7
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: P320561
 CATALOG NUMBER: GAN-SA7B-727-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: P320561

CATALOG NUMBER: GAN-SA7B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1
2.5°	7735.4	7689.1	7674.8	7660.6	7608.3	7554.8	7609.5	7662.9	7685.5	7708.1	7649.9
5°	6290.0	6281.7	6281.7	6280.5	6233.0	6184.3	6221.1	6256.7	6177.1	6097.6	6089.2
7.5°	4713.9	4765.0	4806.6	4846.9	4831.5	4816.1	4850.5	4884.9	4784.0	4681.8	4632.0
10°	3490.6	3501.3	3546.4	3591.6	3602.2	3611.7	3654.5	3696.1	3617.7	3539.3	3504.9
12.5°	2723.4	2666.3	2672.3	2677.0	2698.4	2718.6	2763.7	2807.7	2775.6	2742.4	2745.9
15°	2205.5	2133.1	2103.4	2072.5	2096.3	2120.0	2152.1	2183.0	2184.1	2184.1	2215.0
17.5°	1800.5	1763.7	1734.0	1703.1	1735.2	1766.1	1769.6	1773.2	1774.4	1775.6	1773.2
20°	1475.1	1492.9	1483.4	1473.9	1485.8	1496.5	1506.0	1514.3	1503.6	1491.7	1462.0
22.5°	1293.4	1308.8	1320.7	1331.4	1351.6	1370.6	1361.1	1350.4	1329.0	1306.5	1283.9
25°	1187.7	1198.4	1210.2	1222.1	1238.8	1254.2	1237.6	1220.9	1205.5	1190.1	1174.6
27.5°	1098.6	1109.3	1120.0	1129.5	1144.9	1159.2	1143.7	1128.3	1115.2	1102.2	1090.3
30°	1026.2	1033.3	1041.6	1049.9	1064.2	1077.2	1064.2	1049.9	1040.4	1029.7	1021.4
32.5°	964.4	971.5	975.1	978.7	991.7	1004.8	995.3	985.8	977.5	969.1	963.2
35°	896.7	911.0	913.3	915.7	928.8	941.8	935.9	928.8	919.3	909.8	899.1
37.5°	827.8	844.4	853.9	862.3	875.3	888.4	882.4	876.5	863.4	850.4	831.4
40°	769.6	776.7	794.6	811.2	832.6	852.8	840.9	827.8	807.6	787.4	777.9
42.5°	720.9	719.7	736.4	753.0	785.1	815.9	794.6	773.2	754.2	735.2	732.8
45°	678.2	674.6	682.9	691.2	725.7	758.9	737.6	715.0	704.3	693.6	693.6
47.5°	640.2	637.8	643.7	648.5	669.9	690.0	679.4	668.7	662.7	656.8	658.0
50°	605.7	603.3	609.3	614.0	622.3	629.5	631.8	633.0	629.5	625.9	628.3
52.5°	573.7	573.7	576.0	577.2	587.9	598.6	598.6	597.4	597.4	597.4	599.8
55°	546.3	548.7	548.7	548.7	565.3	580.8	576.0	571.3	572.5	572.5	574.8
57.5°	519.0	522.6	525.0	527.3	544.0	560.6	555.8	551.1	551.1	551.1	552.3
60°	488.1	492.9	497.6	502.4	519.0	535.6	530.9	525.0	526.1	527.3	528.5
62.5°	458.4	463.2	467.9	472.7	489.3	506.0	501.2	495.3	498.8	501.2	501.2
65°	429.9	433.5	438.3	443.0	458.4	473.9	469.1	464.4	469.1	472.7	475.1
67.5°	397.9	400.2	405.0	409.8	425.2	440.6	435.9	429.9	435.9	440.6	445.4
70°	361.1	363.4	369.4	374.1	389.6	405.0	399.1	393.1	399.1	405.0	409.8
72.5°	320.7	323.0	329.0	333.7	351.6	369.4	362.2	355.1	362.2	369.4	371.7
75°	276.7	279.1	286.2	292.2	310.0	327.8	321.9	314.7	320.7	326.6	327.8
77.5°	229.2	232.8	242.3	251.8	266.0	280.3	276.7	273.2	276.7	280.3	280.3
80°	179.3	182.9	194.8	205.5	213.8	222.1	223.3	224.5	225.7	226.8	225.7
82.5°	133.0	137.8	148.5	159.1	159.1	159.1	168.7	177.0	177.0	175.8	174.6
85°	82.0	87.9	97.4	106.9	101.0	95.0	110.5	124.7	124.7	123.5	121.1
87.5°	16.6	22.6	32.1	40.4	34.4	28.5	43.9	59.4	60.6	60.6	58.2
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: P320561
 CATALOG NUMBER: GAN-SA7B-727-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: P320561

CATALOG NUMBER: GAN-SA7B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1
2.5°	7590.5	7683.1	7774.6	7798.3	7834.0	7849.4	7863.6	7980.0	8095.2	8230.6	8366.0
5°	6079.7	6148.6	6217.5	6228.2	6265.0	6284.0	6303.0	6444.4	6584.5	6773.4	6962.2
7.5°	4582.1	4598.7	4615.3	4613.0	4643.8	4685.4	4725.8	4876.6	5026.3	5229.4	5431.3
10°	3470.4	3508.4	3545.2	3579.7	3647.4	3725.8	3803.0	3957.4	4111.8	4312.5	4512.0
12.5°	2749.5	2793.4	2836.2	2874.2	2952.6	3057.1	3160.4	3345.7	3531.0	3770.9	4009.6
15°	2244.7	2241.2	2237.6	2263.7	2332.6	2446.6	2559.5	2755.4	2951.4	3215.1	3477.5
17.5°	1770.8	1753.0	1735.2	1755.4	1819.5	1913.4	2006.0	2172.3	2337.4	2592.7	2848.1
20°	1432.3	1420.5	1408.6	1427.6	1468.0	1507.2	1546.4	1666.3	1785.1	1992.9	2199.6
22.5°	1260.1	1258.9	1256.6	1267.3	1286.3	1306.5	1325.5	1383.6	1440.7	1574.9	1707.9
25°	1159.2	1158.0	1156.8	1161.6	1177.0	1192.4	1207.9	1245.9	1283.9	1348.0	1412.2
27.5°	1078.4	1076.0	1073.7	1074.9	1078.4	1102.2	1124.7	1142.6	1159.2	1203.1	1245.9
30°	1013.1	1011.9	1010.7	1010.7	1007.2	1015.5	1023.8	1051.1	1077.2	1122.4	1167.5
32.5°	957.3	951.3	945.4	932.3	924.0	935.9	947.8	976.3	1004.8	1046.3	1087.9
35°	887.2	871.8	855.1	848.0	849.2	861.1	872.9	901.5	928.8	973.9	1017.8
37.5°	811.2	806.4	800.5	799.3	802.9	814.8	826.6	851.6	875.3	920.5	964.4
40°	768.4	766.1	763.7	761.3	763.7	775.6	787.4	811.2	833.8	877.7	920.5
42.5°	730.4	729.2	728.0	728.0	729.2	742.3	755.4	779.1	801.7	840.9	880.1
45°	693.6	694.8	694.8	697.2	700.7	713.8	725.7	751.8	777.9	815.9	853.9
47.5°	659.2	662.7	665.1	671.0	674.6	688.9	701.9	730.4	758.9	806.4	852.8
50°	629.5	633.0	635.4	640.2	649.7	666.3	682.9	717.4	750.6	830.2	908.6
52.5°	602.2	605.7	609.3	614.0	625.9	644.9	663.9	706.7	748.2	840.9	933.5
55°	577.2	580.8	583.2	590.3	602.2	618.8	634.2	686.5	738.7	806.4	874.1
57.5°	553.5	557.0	559.4	564.1	570.1	587.9	604.5	660.4	716.2	763.7	810.0
60°	528.5	530.9	532.1	532.1	536.8	557.0	577.2	648.5	718.5	710.2	700.7
62.5°	501.2	503.6	504.8	501.2	507.1	528.5	549.9	642.5	735.2	678.2	621.2
65°	476.3	475.1	473.9	470.3	477.4	498.8	519.0	565.3	611.7	589.1	566.5
67.5°	448.9	445.4	441.8	437.1	444.2	463.2	481.0	496.5	511.9	514.3	516.6
70°	414.5	409.8	405.0	403.8	407.4	422.8	438.3	448.9	458.4	463.2	466.8
72.5°	374.1	370.6	367.0	364.6	365.8	378.9	390.7	400.2	409.8	413.3	415.7
75°	329.0	329.0	327.8	320.7	320.7	331.4	340.9	349.2	357.5	362.2	367.0
77.5°	280.3	281.5	281.5	272.0	270.8	281.5	291.0	298.1	304.0	308.8	312.4
80°	224.5	222.1	219.7	213.8	211.4	224.5	236.3	242.3	247.0	248.2	248.2
82.5°	172.2	167.5	161.5	148.5	149.6	163.9	177.0	181.7	186.5	186.5	186.5
85°	117.6	108.1	97.4	86.7	87.9	103.3	117.6	122.3	127.1	129.5	130.6
87.5°	55.8	46.3	35.6	27.3	27.3	40.4	52.3	54.6	57.0	61.8	66.5
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: P320561
 CATALOG NUMBER: GAN-SA7B-727-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: P320561

CATALOG NUMBER: GAN-SA7B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1
2.5°	8469.4	8571.5	8677.2	8782.9	8904.1	9025.2	9166.5	9306.7	9426.6	9546.6	9646.4
5°	7124.9	7287.6	7478.8	7670.1	7913.5	8157.0	8455.1	8752.0	9016.9	9281.7	9589.3
7.5°	5643.9	5855.3	6104.7	6354.1	6668.8	6983.6	7369.6	7755.6	8129.7	8502.6	8975.3
10°	4734.1	4956.2	5202.0	5446.7	5767.4	6086.9	6495.4	6902.8	7323.2	7742.5	8277.0
12.5°	4256.7	4502.5	4718.7	4934.8	5194.9	5453.8	5849.3	6244.8	6738.9	7231.8	7746.1
15°	3747.1	4015.6	4274.5	4533.4	4817.2	5099.9	5484.7	5869.5	6409.9	6950.3	7541.8
17.5°	3130.7	3413.4	3729.3	4044.1	4414.6	4784.0	5276.9	5769.8	6409.9	7048.9	7746.1
20°	2488.2	2776.8	3154.5	3532.2	3993.0	4452.6	5091.6	5730.6	6592.8	7453.9	8343.5
22.5°	1963.2	2217.4	2629.5	3040.5	3572.5	4104.6	4924.1	5742.4	6869.6	7995.5	9196.2
25°	1591.5	1770.8	2175.8	2579.6	3193.7	3807.7	4822.0	5835.1	7272.2	8708.1	10197.4
27.5°	1363.5	1481.0	1858.7	2235.2	2906.3	3576.1	4780.4	5983.5	7782.9	9582.2	11286.5
30°	1249.4	1331.4	1650.9	1969.2	2650.9	3332.6	4730.5	6128.4	8274.6	10419.5	12138.1
32.5°	1154.4	1219.7	1492.9	1764.9	2430.0	3095.1	4634.3	6172.4	8617.8	11063.3	12859.0
35°	1073.7	1128.3	1365.8	1603.4	2256.6	2909.8	4472.8	6035.8	8832.8	11629.8	13609.7
37.5°	1008.3	1051.1	1270.8	1490.5	2106.9	2723.4	4288.7	5854.1	9024.0	12193.9	14454.1
40°	957.3	994.1	1199.6	1405.0	1964.4	2523.8	4130.8	5736.5	9287.7	12838.8	15346.0
42.5°	928.8	976.3	1137.8	1298.1	1829.0	2359.9	4003.7	5647.4	9532.3	13416.1	16126.3
45°	921.6	989.3	1105.7	1222.1	1728.1	2234.0	3890.8	5546.5	9690.3	13834.1	16714.3
47.5°	909.8	965.6	1080.8	1196.0	1678.2	2159.2	3830.3	5500.2	9848.3	14195.2	17202.4
50°	916.9	924.0	1060.6	1196.0	1671.1	2146.1	3899.2	5652.2	10190.3	14727.3	17760.6
52.5°	903.8	872.9	1022.6	1172.2	1669.9	2167.5	4097.5	6027.5	10825.7	15622.8	18365.1
55°	834.9	794.6	951.3	1108.1	1644.9	2180.6	4333.9	6485.9	11678.5	16869.8	19451.9
57.5°	774.4	737.6	870.6	1002.4	1568.9	2135.5	4577.3	7018.0	12579.9	18140.7	20676.4
60°	693.6	685.3	780.3	875.3	1451.3	2026.2	4778.0	7528.7	13185.6	18841.4	21147.9
62.5°	627.1	631.8	701.9	772.0	1304.1	1835.0	4844.6	7853.0	13169.0	18485.1	20672.8
65°	576.0	584.3	653.2	722.1	1178.2	1634.3	4626.0	7616.6	12502.7	17387.7	19733.3
67.5°	526.1	535.6	617.6	698.4	1066.5	1433.5	4079.7	6724.7	11304.4	15882.9	18538.5
70°	478.6	490.5	579.6	668.7	985.8	1301.7	3375.4	5449.1	9804.3	14158.4	17154.9
72.5°	427.6	439.4	534.5	629.5	934.7	1238.8	2751.9	4263.8	7956.3	11647.6	14673.8
75°	375.3	383.6	486.9	589.1	864.6	1140.2	2159.2	3177.1	6089.2	9001.4	11083.5
77.5°	323.0	333.7	420.4	506.0	734.0	960.8	1627.1	2293.4	4468.1	6641.5	7708.1
80°	257.7	267.2	329.0	389.6	566.5	742.3	1118.8	1495.3	3074.9	4654.5	5255.5
82.5°	197.2	207.8	249.4	289.8	403.8	517.8	678.2	838.5	2042.8	3245.9	3295.8
85°	135.4	139.0	168.7	197.2	249.4	301.7	388.4	475.1	1351.6	2228.1	1856.3
87.5°	67.7	67.7	87.9	108.1	134.2	160.3	205.5	249.4	432.3	615.2	353.9
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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 CATALOG NUMBER: GAN-SA7B-727-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: P320561

CATALOG NUMBER: GAN-SA7B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1
2.5°	9773.4	9860.1	9948.0	10014.5	10082.2	10179.6	10277.0	10294.8	10313.8	10275.8	10237.8
5°	9899.3	10161.8	10425.5	10668.9	10912.4	11058.5	11204.6	11234.3	11264.0	11172.5	11079.9
7.5°	9432.6	9889.8	10347.1	10766.3	11185.6	11439.8	11695.1	11752.1	11810.3	11660.7	11511.0
10°	8809.0	9370.8	9932.6	10484.9	11037.1	11406.5	11775.9	11849.5	11923.1	11736.7	11550.2
12.5°	8326.8	8926.6	9526.4	10108.4	10691.5	11073.9	11456.4	11547.8	11639.3	11503.9	11367.3
15°	8178.4	8742.5	9306.7	9813.8	10322.1	10634.5	10948.1	10984.9	11022.9	11001.5	10980.1
17.5°	8448.0	8957.5	9468.2	9743.7	10020.5	10145.2	10271.1	10311.5	10353.0	10406.5	10461.1
20°	9101.2	9459.9	9819.8	9807.9	9794.8	9734.2	9672.5	9661.8	9651.1	9804.3	9958.7
22.5°	10076.3	10218.8	10362.5	10028.8	9695.1	9492.0	9287.7	9247.3	9205.7	9368.4	9532.3
25°	11134.5	11108.4	11081.1	10445.7	9809.1	9421.9	9034.7	8989.6	8944.4	9083.4	9223.5
27.5°	12182.1	12011.0	11840.0	10976.6	10113.1	9551.3	8989.6	8944.4	8899.3	9022.8	9146.3
30°	12950.5	12676.1	12401.8	11424.3	10446.9	9779.4	9111.9	9038.3	8963.4	9115.5	9267.5
32.5°	13550.3	13182.1	12813.9	11787.7	10761.6	10039.5	9317.4	9202.2	9087.0	9290.1	9493.1
35°	14148.9	13631.0	13112.0	12112.0	11110.8	10347.1	9582.2	9440.9	9299.6	9578.7	9857.8
37.5°	14901.8	14158.4	13413.7	12476.6	11539.5	10807.9	10075.1	9930.2	9785.3	10140.4	10496.7
40°	15719.0	14727.3	13735.5	12875.7	12015.8	11445.7	10874.4	10736.6	10597.7	11030.0	11462.3
42.5°	16398.3	15257.0	14115.6	13356.7	12596.6	12195.1	11792.5	11791.3	11788.9	12227.2	12665.4
45°	16950.6	15698.8	14445.8	13825.8	13204.7	12995.6	12786.6	12954.1	13121.5	13517.0	13913.7
47.5°	17362.7	16069.3	14774.8	14362.6	13950.5	13981.4	14012.3	14353.1	14694.0	14948.2	15203.5
50°	17631.1	16405.5	15178.6	15051.5	14924.4	15201.1	15479.1	15869.8	16261.7	16435.1	16608.5
52.5°	18021.9	16861.5	15700.0	15842.5	15985.0	16550.4	17115.7	17511.2	17906.7	17970.8	18036.1
55°	18925.7	17700.0	16473.2	16746.3	17020.7	17849.7	18679.9	18988.7	19297.5	19321.2	19345.0
57.5°	20209.6	18874.6	17539.7	17834.2	18128.8	19086.1	20044.5	20377.1	20710.8	20664.5	20617.0
60°	21170.4	19989.9	18808.1	19105.1	19402.0	20335.5	21269.0	21651.4	22035.1	21932.9	21830.8
62.5°	21229.8	20599.2	19967.3	20235.7	20505.3	21419.8	22334.4	22727.5	23120.6	22942.5	22764.3
65°	20285.6	20568.3	20850.9	20940.0	21029.1	21881.9	22735.8	23036.3	23338.0	23247.7	23157.4
67.5°	18985.1	20026.7	21069.5	20890.1	20710.8	21111.1	21511.3	21821.3	22131.3	22080.2	22027.9
70°	17687.0	19077.7	20468.5	19587.3	18704.8	18539.7	18374.6	18708.4	19043.3	18836.6	18628.8
72.5°	15476.7	16958.9	18442.3	16818.8	15195.2	14631.1	14066.9	14490.9	14914.9	14585.9	14255.7
75°	12148.8	13786.6	15425.6	13488.5	11551.4	10798.4	10045.4	10410.0	10774.7	10549.0	10322.1
77.5°	9044.2	10658.3	12272.3	10303.1	8332.8	7773.4	7212.8	7320.9	7430.1	7392.1	7352.9
80°	6134.4	7259.1	8385.0	7073.8	5762.6	5805.4	5849.3	5798.3	5746.0	5822.0	5898.0
82.5°	3914.6	4782.8	5652.2	4956.2	4260.2	4659.3	5058.3	4862.4	4665.2	4737.7	4811.3
85°	2234.0	3083.2	3933.6	3666.4	3398.0	3630.7	3864.7	3560.7	3256.6	3389.6	3523.9
87.5°	589.1	1705.5	2823.1	2563.0	2302.9	2001.2	1699.6	1296.9	894.3	1306.5	1718.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320561

CATALOG NUMBER: GAN-SA7B-727-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: P320561

CATALOG NUMBER: GAN-SA7B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1	9050.1
2.5°	10217.6	10197.4	10125.0	10051.4	9942.1	9851.8	9695.1
5°	10951.6	10823.3	10602.4	10380.3	10133.3	9849.4	9534.7
7.5°	11211.7	10911.2	10487.2	10062.0	9679.6	9230.7	8812.6
10°	11101.3	10651.1	10100.0	9547.8	9083.4	8566.8	8102.4
12.5°	10889.9	10411.2	9804.3	9196.2	8667.7	8113.1	7592.9
15°	10598.9	10216.4	9647.5	9078.6	8546.6	8007.4	7390.9
17.5°	10280.6	10098.9	9687.9	9275.8	8815.0	8292.4	7569.1
20°	10024.0	10090.5	9926.6	9762.7	9393.4	8937.3	8124.9
22.5°	9850.6	10170.1	10296.0	10423.1	10201.0	9844.7	8905.2
25°	9753.2	10283.0	10704.6	11127.4	11028.8	10754.5	9853.0
27.5°	9796.0	10445.7	11100.1	11755.7	11847.1	11771.1	10851.9
30°	9924.3	10582.2	11379.2	12177.3	12541.9	12644.1	11684.4
32.5°	10138.1	10783.0	11651.2	12520.5	13071.6	13397.1	12445.7
35°	10461.1	11064.4	11969.5	12874.5	13587.1	14180.9	13232.0
37.5°	11015.8	11534.8	12369.7	13205.8	14129.9	15021.8	14097.8
40°	11828.1	12195.1	12900.6	13607.3	14770.0	15974.3	15063.4
42.5°	12853.1	13041.9	13601.3	14160.7	15438.7	16839.0	16007.6
45°	13963.6	14013.5	14365.0	14717.8	15968.4	17428.0	16716.6
47.5°	15032.5	14861.5	15001.6	15141.8	16374.6	17848.5	17254.6
50°	16132.3	15656.0	15582.4	15508.8	16780.8	18343.8	17938.8
52.5°	17251.1	16466.0	16175.0	15882.9	17265.3	19000.5	18790.3
55°	18346.1	17347.3	16955.4	16563.4	18006.5	19802.2	20041.0
57.5°	19485.1	18353.3	17989.8	17626.4	19095.6	20817.7	21163.3
60°	20710.8	19589.6	19298.6	19006.5	20449.5	21915.1	21663.3
62.5°	21873.5	20982.8	20829.6	20675.2	21818.9	22758.4	21468.5
65°	22650.3	22142.0	22284.5	22428.2	22854.6	22968.6	20898.5
67.5°	22131.3	22234.6	22836.8	23440.1	23146.7	22343.9	19774.9
70°	19247.6	19867.5	21294.0	22721.5	22070.7	20670.4	17758.2
72.5°	14951.7	15648.9	17766.5	19885.4	19285.6	17570.6	14585.9
75°	11108.4	11895.8	14233.2	16570.5	15738.0	13142.9	10443.3
77.5°	7880.3	8407.6	10715.3	13024.1	11666.6	8748.5	7027.5
80°	5736.5	5575.0	6861.2	8147.5	7921.8	5786.4	4513.2
82.5°	4417.0	4022.7	4628.4	5234.1	5200.9	4015.6	3311.3
85°	3365.9	3207.9	3743.6	4279.2	3820.8	2719.8	2104.6
87.5°	1962.1	2206.7	2837.4	3469.2	2603.4	825.4	408.6
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: P320561
 CATALOG NUMBER: GAN-SA7B-727-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)