

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: P320751

Luminaire Tested: **GAN-SA7A-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320751
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-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 80 CRI, 2700K, 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: 21294 lumens
Efficiency: N/A
Efficacy: 94.2 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G4

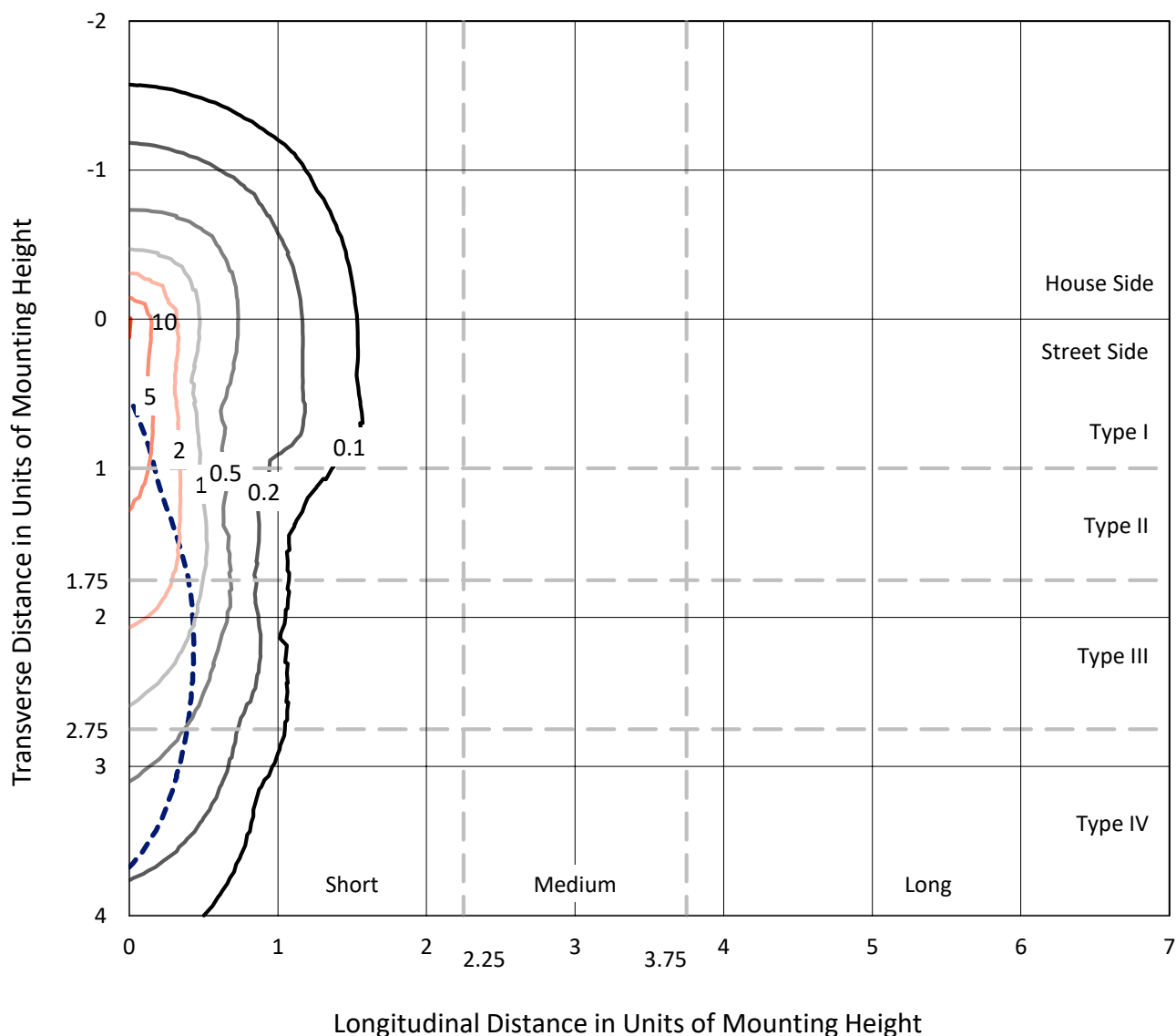
Input Watts (W): 226
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

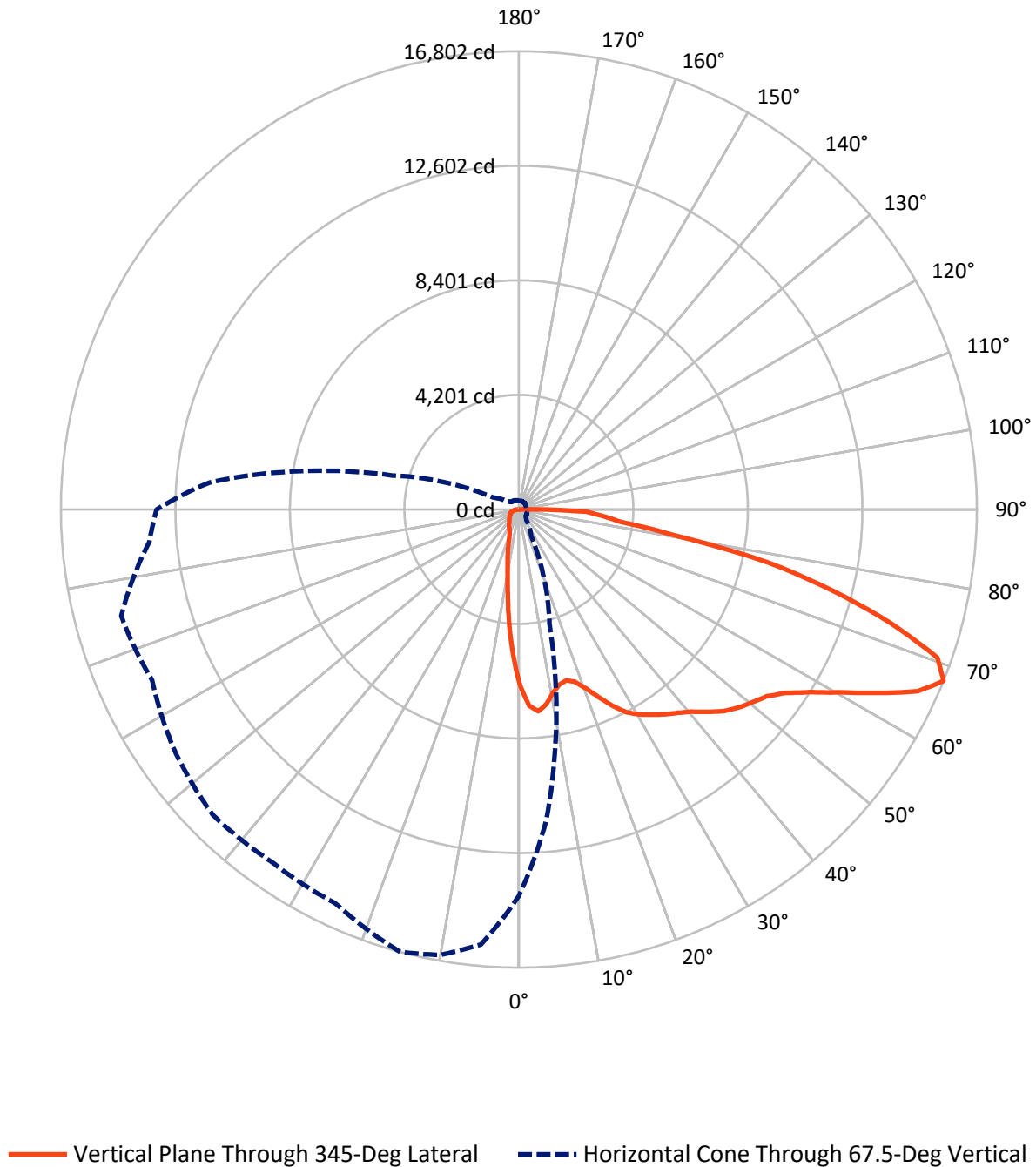
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.4 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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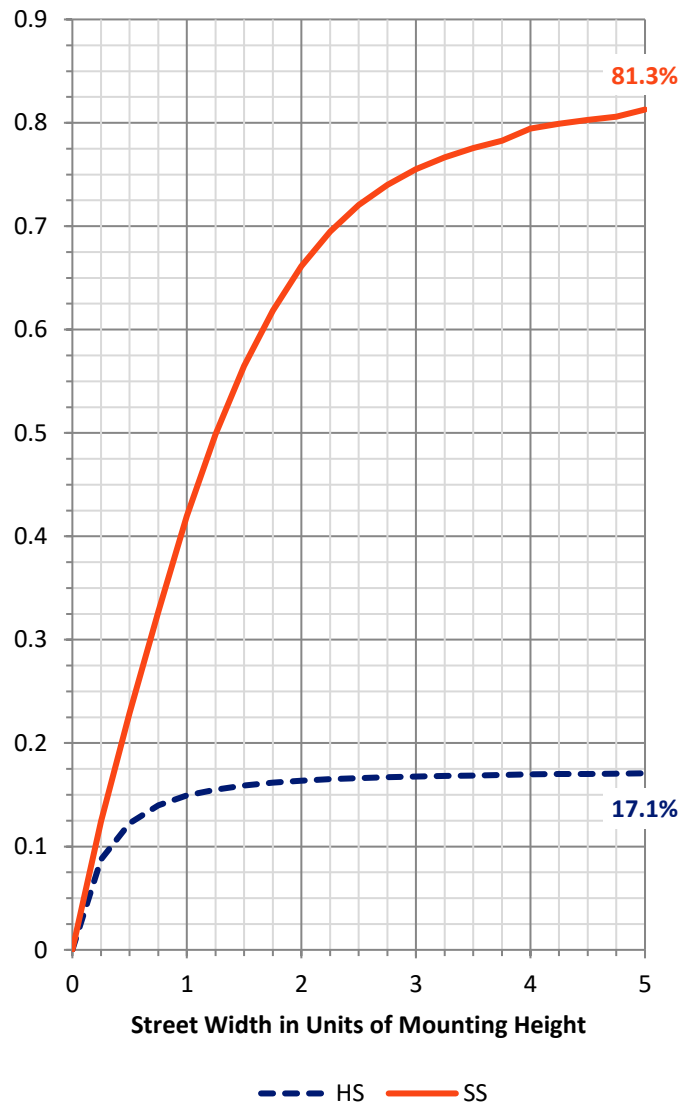
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3681.3	0.0	3681.3
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	17612.7	0.0	17612.7
	% Fixture	82.7	0.0	82.7
Total	Lumens	21294.0	0.0	21294.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	500.7	2.4
10°-20°	1040.1	4.9
20°-30°	1479.3	6.9
30°-40°	2131.6	10.0
40°-50°	3004.0	14.1
50°-60°	4176.1	19.6
60°-70°	5050.2	23.7
70°-80°	3104.3	14.6
80°-90°	807.8	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°	21294.0	100.0
0°-180°	21294.0	100.0

Coefficient of Utilization



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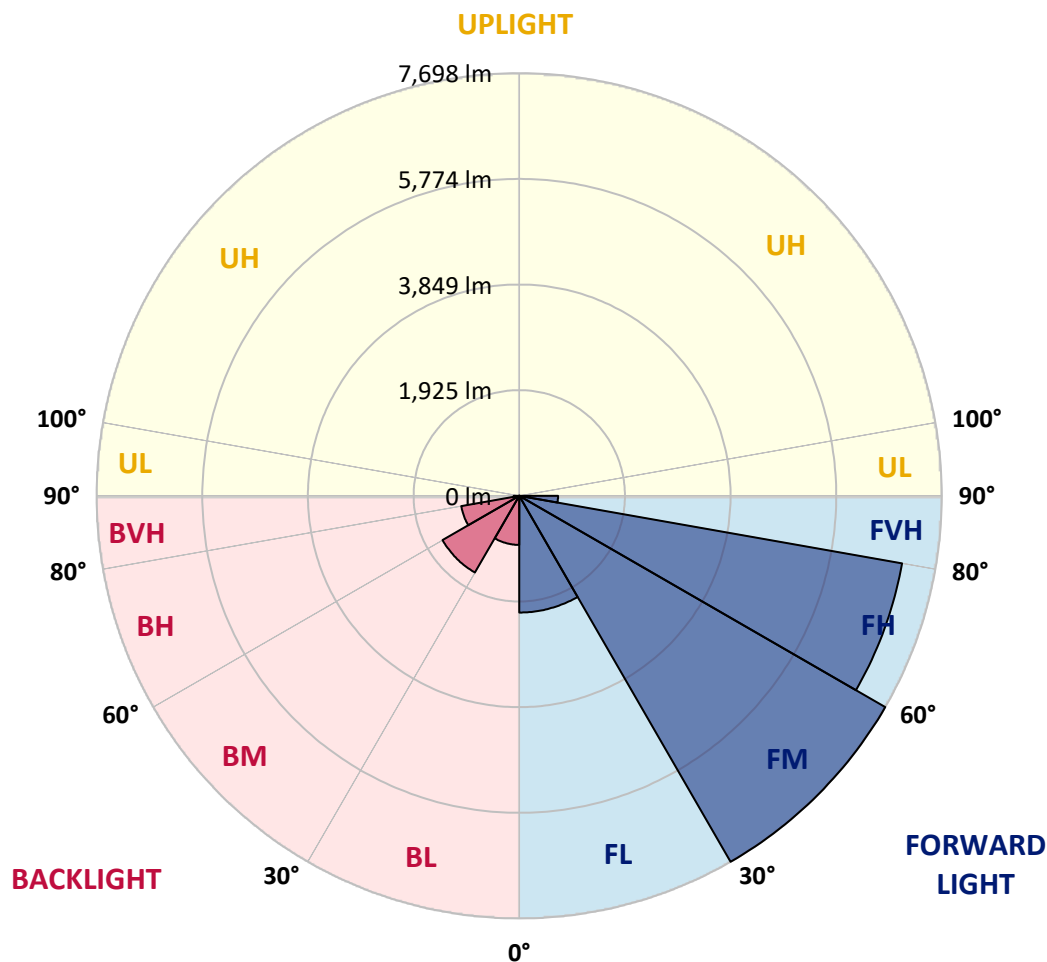
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2126.3	10.0			
FM	(30°-60°)	7698.3	36.2			
FH	(60°-80°)	7081.7	33.3			G3/7500
FVH	(80°-90°)	706.5	3.3			G4/750
BL	(0°-30°)	893.8	4.2	B2/1000		
BM	(30°-60°)	1613.5	7.6	B2/2500		
BH	(60°-80°)	1072.8	5.0	B3/2500		G3/2500
BVH	(80°-90°)	101.3	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-G4

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4
2.5°	6949.7	6888.4	6795.6	6702.8	6633.8	6564.0	6484.8	6405.6	6315.4	6224.3	6170.7
5°	6834.7	6664.4	6443.1	6221.7	6075.3	5928.9	5762.9	5596.8	5432.5	5268.2	5179.7
7.5°	6317.1	6061.7	5773.9	5486.2	5273.3	5059.6	4829.8	4599.0	4394.7	4189.5	4062.7
10°	5808.0	5501.5	5171.2	4840.0	4567.5	4295.1	4064.4	3832.8	3678.7	3524.6	3408.0
12.5°	5442.7	5103.1	4739.5	4375.1	4102.7	3830.3	3683.8	3537.4	3409.7	3282.0	3147.5
15°	5298.0	4914.1	4542.0	4169.1	3921.4	3673.6	3511.0	3347.5	3176.4	3004.5	2839.3
17.5°	5425.7	4976.2	4571.8	4167.4	3843.0	3518.7	3291.4	3063.2	2837.6	2612.0	2420.4
20°	5824.2	5250.3	4721.6	4192.1	3760.5	3328.8	3024.0	2718.4	2428.9	2139.5	1922.4
22.5°	6383.5	5624.1	4933.6	4243.2	3685.5	3127.0	2744.8	2361.7	2019.4	1677.2	1464.3
25°	7062.9	6119.6	5239.3	4358.1	3654.9	2950.8	2480.9	2010.9	1649.9	1288.1	1136.6
27.5°	7778.9	6710.4	5619.0	4526.7	3660.0	2793.3	2258.7	1723.2	1397.9	1072.7	968.8
30°	8375.7	7385.5	6061.7	4737.0	3679.6	2622.2	2049.2	1476.3	1208.1	939.9	872.6
32.5°	8921.4	7856.4	6395.4	4933.6	3701.7	2468.9	1887.5	1305.1	1086.3	866.7	811.3
35°	9485.0	8274.4	6628.7	4982.2	3663.4	2343.8	1776.8	1209.8	1008.0	805.4	758.6
37.5°	10105.6	8726.4	6853.4	4979.6	3598.7	2217.8	1690.8	1163.0	956.9	750.0	716.0
40°	10797.8	9226.2	7096.9	4967.7	3540.0	2111.4	1626.9	1141.7	928.8	715.1	686.2
42.5°	11474.6	9703.0	7323.4	4943.8	3492.3	2039.9	1563.9	1088.0	903.3	717.7	676.8
45°	11982.9	10119.3	7520.1	4920.0	3456.5	1993.0	1514.6	1036.1	879.5	722.8	670.9
47.5°	12368.6	10537.3	7738.0	4937.9	3453.1	1968.3	1479.7	991.0	834.3	676.8	655.5
50°	12858.9	11039.6	8055.6	5071.6	3499.9	1928.3	1438.8	948.4	790.9	633.4	662.4
52.5°	13469.4	11756.4	8547.7	5338.0	3597.8	1857.7	1374.1	890.5	738.1	584.9	630.0
55°	14365.9	12675.1	9176.8	5677.7	3716.2	1753.8	1276.2	797.7	668.3	538.1	578.1
57.5°	15170.4	13603.0	9780.4	5957.0	3790.3	1622.7	1152.7	682.8	590.0	497.2	520.2
60°	15528.8	14081.5	10063.1	6043.8	3746.0	1448.2	1014.0	578.9	521.0	463.1	458.9
62.5°	15389.2	13777.6	9784.7	5791.8	3529.7	1267.7	891.4	515.1	471.7	427.4	418.0
65°	14980.5	12822.3	9004.8	5187.3	3164.5	1141.7	813.9	486.1	437.6	389.1	378.9
67.5°	14175.1	11462.7	7899.8	4336.8	2700.5	1064.2	769.6	475.1	416.3	356.7	344.8
70°	12729.5	9826.4	6627.0	3426.7	2222.1	1016.5	740.7	464.8	393.3	321.0	309.9
72.5°	10455.6	7878.5	5292.1	2704.8	1857.7	1010.6	737.3	464.0	374.6	285.2	275.0
75°	7486.0	5984.2	4039.7	2094.3	1521.4	948.4	699.8	451.2	349.1	246.0	236.7
77.5°	5037.5	4141.9	2807.8	1472.9	1128.9	785.0	588.3	391.6	298.8	206.0	196.7
80°	3235.2	2866.5	1881.5	896.5	732.2	567.9	420.6	273.3	217.9	161.8	154.1
82.5°	2373.6	2133.5	1307.7	481.9	407.0	331.2	257.1	183.0	149.0	114.9	111.5
85°	1508.6	1663.6	962.9	262.2	214.5	166.9	137.9	109.0	86.0	63.0	63.0
87.5°	292.9	405.2	266.5	126.9	92.8	58.7	50.2	40.9	23.0	4.3	5.1
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°	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4
2.5°	6116.2	6057.4	5998.7	5932.3	5865.0	5802.9	5739.9	5670.9	5683.7	5630.9	5578.1
5°	5091.1	4997.5	4903.0	4821.3	4739.5	4668.9	4597.3	4533.5	4588.8	4551.4	4513.9
7.5°	3935.0	3819.2	3702.6	3604.7	3506.8	3431.0	3354.4	3301.6	3356.1	3349.3	3342.4
10°	3291.4	3179.0	3065.7	2957.6	2849.5	2757.6	2664.8	2586.4	2572.8	2533.6	2493.6
12.5°	3012.1	2858.0	2703.1	2589.8	2476.6	2366.8	2257.0	2165.0	2123.3	2058.6	1993.0
15°	2674.1	2491.9	2309.7	2181.2	2051.8	1945.4	1838.1	1758.9	1732.5	1682.3	1632.1
17.5°	2228.9	2029.6	1830.4	1700.2	1569.1	1483.9	1397.9	1345.1	1345.1	1330.7	1316.2
20°	1705.3	1527.3	1349.4	1249.8	1150.2	1105.1	1059.1	1037.0	1043.8	1044.6	1044.6
22.5°	1250.6	1141.7	1032.7	992.7	951.8	935.6	919.5	910.1	913.5	914.4	915.2
25°	985.0	943.3	900.7	880.3	859.0	848.8	838.6	835.2	842.8	843.7	843.7
27.5°	865.0	839.4	813.0	800.3	786.7	782.4	778.1	772.2	779.8	779.8	779.0
30°	804.5	777.3	750.0	733.9	717.7	719.4	720.3	718.5	723.7	727.1	729.6
32.5°	755.2	728.8	702.4	686.2	669.2	666.6	664.1	662.4	673.4	679.4	685.3
35°	710.9	681.9	653.0	637.7	622.3	616.4	610.4	606.2	616.4	624.0	631.7
37.5°	681.1	651.3	620.6	606.2	590.8	583.2	575.5	570.4	574.7	578.1	581.5
40°	657.3	626.6	595.1	578.1	561.0	553.4	545.7	541.5	544.0	544.9	545.7
42.5°	635.1	605.3	575.5	556.8	537.2	527.8	518.5	513.4	515.1	516.8	517.6
45°	618.9	589.1	558.5	536.4	513.4	503.2	492.9	487.0	487.8	487.8	487.8
47.5°	634.3	590.8	546.6	521.0	494.6	482.7	470.8	464.8	463.1	461.4	459.7
50°	690.5	616.4	541.5	509.1	475.9	463.1	449.5	442.7	438.5	436.7	435.0
52.5°	674.3	610.4	545.7	504.0	461.4	446.1	430.8	419.7	415.5	412.9	410.4
55°	617.2	577.2	536.4	486.1	435.9	422.3	407.8	400.1	392.5	390.8	389.1
57.5°	542.3	526.1	510.0	458.9	407.8	395.0	381.4	376.3	369.5	369.5	368.6
60°	453.8	477.6	501.5	442.7	383.1	368.6	354.2	349.9	347.4	346.5	345.7
62.5°	407.8	447.0	485.3	423.1	360.1	344.8	329.5	324.4	323.5	324.4	324.4
65°	368.6	380.6	392.5	363.5	334.6	319.3	303.1	298.0	299.7	302.2	304.8
67.5°	332.9	330.3	327.8	317.6	306.5	293.7	280.1	275.0	275.8	279.2	282.7
70°	298.8	295.4	291.2	283.5	275.8	264.8	253.7	250.3	249.4	253.7	257.1
72.5°	264.8	260.5	255.4	249.4	242.6	233.3	223.9	221.4	222.2	224.8	227.3
75°	227.3	223.9	219.7	214.5	208.6	200.1	191.6	189.9	191.6	194.1	196.7
77.5°	186.4	185.6	183.9	179.6	175.4	166.0	155.8	154.9	157.5	160.1	161.8
80°	145.6	146.4	147.3	143.9	140.5	130.3	119.2	118.3	120.9	123.4	126.0
82.5°	107.3	109.8	111.5	107.3	103.0	91.1	79.2	77.5	86.0	88.5	91.1
85°	62.1	65.6	69.0	65.6	62.1	50.2	38.3	37.5	45.1	49.4	53.6
87.5°	5.1	6.8	8.5	7.7	6.8	3.4	0.0	0.0	0.9	4.3	7.7
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: P320751
 CATALOG NUMBER: GAN-SA7A-827-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: P320751

CATALOG NUMBER: GAN-SA7A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4
2.5°	5544.9	5511.7	5501.5	5491.3	5453.8	5415.5	5454.7	5493.0	5509.2	5525.3	5483.6
5°	4508.8	4502.8	4502.8	4502.0	4467.9	4433.0	4459.4	4485.0	4427.9	4370.9	4364.9
7.5°	3379.0	3415.7	3445.5	3474.4	3463.3	3452.3	3477.0	3501.6	3429.3	3356.1	3320.3
10°	2502.1	2509.8	2542.2	2574.5	2582.2	2589.0	2619.6	2649.4	2593.2	2537.1	2512.4
12.5°	1952.2	1911.3	1915.6	1919.0	1934.3	1948.8	1981.1	2012.6	1989.6	1965.8	1968.3
15°	1581.0	1529.0	1507.8	1485.6	1502.7	1519.7	1542.7	1564.8	1565.7	1565.7	1587.8
17.5°	1290.7	1264.3	1243.0	1220.9	1243.8	1266.0	1268.5	1271.1	1271.9	1272.8	1271.1
20°	1057.4	1070.2	1063.3	1056.5	1065.1	1072.7	1079.5	1085.5	1077.8	1069.3	1048.0
22.5°	927.1	938.2	946.7	954.4	968.8	982.5	975.7	968.0	952.7	936.5	920.3
25°	851.4	859.0	867.5	876.0	888.0	899.0	887.1	875.2	864.1	853.1	842.0
27.5°	787.5	795.2	802.8	809.6	820.7	830.9	819.9	808.8	799.4	790.1	781.5
30°	735.6	740.7	746.6	752.6	762.8	772.2	762.8	752.6	745.8	738.1	732.2
32.5°	691.3	696.4	699.0	701.5	710.9	720.3	713.4	706.6	700.7	694.7	690.5
35°	642.8	653.0	654.7	656.4	665.8	675.1	670.9	665.8	659.0	652.1	644.5
37.5°	593.4	605.3	612.1	618.1	627.5	636.8	632.6	628.3	618.9	609.6	596.0
40°	551.7	556.8	569.6	581.5	596.8	611.3	602.8	593.4	578.9	564.5	557.6
42.5°	516.8	515.9	527.8	539.8	562.7	584.9	569.6	554.2	540.6	527.0	525.3
45°	486.1	483.6	489.5	495.5	520.2	544.0	528.7	512.5	504.9	497.2	497.2
47.5°	458.9	457.2	461.4	464.8	480.2	494.6	487.0	479.3	475.1	470.8	471.7
50°	434.2	432.5	436.7	440.2	446.1	451.2	452.9	453.8	451.2	448.7	450.4
52.5°	411.2	411.2	412.9	413.8	421.4	429.1	429.1	428.2	428.2	428.2	429.9
55°	391.6	393.3	393.3	393.3	405.2	416.3	412.9	409.5	410.4	410.4	412.1
57.5°	372.0	374.6	376.3	378.0	389.9	401.8	398.4	395.0	395.0	395.0	395.9
60°	349.9	353.3	356.7	360.1	372.0	384.0	380.6	376.3	377.2	378.0	378.9
62.5°	328.6	332.0	335.4	338.8	350.8	362.7	359.3	355.0	357.6	359.3	359.3
65°	308.2	310.7	314.2	317.6	328.6	339.7	336.3	332.9	336.3	338.8	340.5
67.5°	285.2	286.9	290.3	293.7	304.8	315.9	312.4	308.2	312.4	315.9	319.3
70°	258.8	260.5	264.8	268.2	279.2	290.3	286.1	281.8	286.1	290.3	293.7
72.5°	229.9	231.6	235.8	239.2	252.0	264.8	259.7	254.6	259.7	264.8	266.5
75°	198.4	200.1	205.2	209.4	222.2	235.0	230.7	225.6	229.9	234.1	235.0
77.5°	164.3	166.9	173.7	180.5	190.7	200.9	198.4	195.8	198.4	200.9	200.9
80°	128.6	131.1	139.6	147.3	153.2	159.2	160.1	160.9	161.8	162.6	161.8
82.5°	95.4	98.8	106.4	114.1	114.1	114.1	120.9	126.9	126.9	126.0	125.1
85°	58.7	63.0	69.8	76.6	72.4	68.1	79.2	89.4	89.4	88.5	86.8
87.5°	11.9	16.2	23.0	28.9	24.7	20.4	31.5	42.6	43.4	43.4	41.7
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: P320751
 CATALOG NUMBER: GAN-SA7A-827-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: P320751

CATALOG NUMBER: GAN-SA7A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4
2.5°	5441.0	5507.4	5573.0	5590.0	5615.6	5626.6	5636.9	5720.3	5802.9	5899.9	5997.0
5°	4358.1	4407.5	4456.9	4464.5	4490.9	4504.5	4518.2	4619.5	4719.9	4855.3	4990.7
7.5°	3284.5	3296.5	3308.4	3306.7	3328.8	3358.6	3387.6	3495.7	3603.0	3748.5	3893.3
10°	2487.7	2514.9	2541.3	2566.0	2614.5	2670.7	2726.1	2836.7	2947.4	3091.3	3234.3
12.5°	1970.9	2002.4	2033.0	2060.3	2116.5	2191.4	2265.5	2398.3	2531.1	2703.1	2874.2
15°	1609.1	1606.5	1604.0	1622.7	1672.1	1753.8	1834.7	1975.2	2115.6	2304.6	2492.8
17.5°	1269.4	1256.6	1243.8	1258.3	1304.3	1371.5	1437.9	1557.1	1675.5	1858.5	2041.6
20°	1026.7	1018.2	1009.7	1023.3	1052.3	1080.4	1108.5	1194.5	1279.6	1428.6	1576.7
22.5°	903.3	902.4	900.7	908.4	922.0	936.5	950.1	991.8	1032.7	1128.9	1224.3
25°	830.9	830.1	829.2	832.6	843.7	854.8	865.8	893.1	920.3	966.3	1012.3
27.5°	773.0	771.3	769.6	770.5	773.0	790.1	806.2	819.0	830.9	862.4	893.1
30°	726.2	725.4	724.5	724.5	722.0	727.9	733.9	753.5	772.2	804.5	836.9
32.5°	686.2	681.9	677.7	668.3	662.4	670.9	679.4	699.8	720.3	750.0	779.8
35°	636.0	624.9	613.0	607.9	608.7	617.2	625.7	646.2	665.8	698.1	729.6
37.5°	581.5	578.1	573.8	573.0	575.5	584.0	592.5	610.4	627.5	659.8	691.3
40°	550.8	549.1	547.4	545.7	547.4	555.9	564.5	581.5	597.7	629.2	659.8
42.5°	523.6	522.7	521.9	521.9	522.7	532.1	541.5	558.5	574.7	602.8	630.9
45°	497.2	498.0	498.0	499.7	502.3	511.7	520.2	538.9	557.6	584.9	612.1
47.5°	472.5	475.1	476.8	481.0	483.6	493.8	503.2	523.6	544.0	578.1	611.3
50°	451.2	453.8	455.5	458.9	465.7	477.6	489.5	514.2	538.1	595.1	651.3
52.5°	431.6	434.2	436.7	440.2	448.7	462.3	475.9	506.6	536.4	602.8	669.2
55°	413.8	416.3	418.0	423.1	431.6	443.6	454.6	492.1	529.5	578.1	626.6
57.5°	396.7	399.3	401.0	404.4	408.7	421.4	433.3	473.4	513.4	547.4	580.6
60°	378.9	380.6	381.4	381.4	384.8	399.3	413.8	464.8	515.1	509.1	502.3
62.5°	359.3	361.0	361.8	359.3	363.5	378.9	394.2	460.6	527.0	486.1	445.3
65°	341.4	340.5	339.7	337.1	342.2	357.6	372.0	405.2	438.5	422.3	406.1
67.5°	321.8	319.3	316.7	313.3	318.4	332.0	344.8	355.9	366.9	368.6	370.3
70°	297.1	293.7	290.3	289.5	292.0	303.1	314.2	321.8	328.6	332.0	334.6
72.5°	268.2	265.6	263.1	261.4	262.2	271.6	280.1	286.9	293.7	296.3	298.0
75°	235.8	235.8	235.0	229.9	229.9	237.5	244.3	250.3	256.3	259.7	263.1
77.5°	200.9	201.8	201.8	195.0	194.1	201.8	208.6	213.7	217.9	221.4	223.9
80°	160.9	159.2	157.5	153.2	151.5	160.9	169.4	173.7	177.1	177.9	177.9
82.5°	123.4	120.0	115.8	106.4	107.3	117.5	126.9	130.3	133.7	133.7	133.7
85°	84.3	77.5	69.8	62.1	63.0	74.1	84.3	87.7	91.1	92.8	93.6
87.5°	40.0	33.2	25.5	19.6	19.6	28.9	37.5	39.2	40.9	44.3	47.7
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: P320751
 CATALOG NUMBER: GAN-SA7A-827-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: P320751

CATALOG NUMBER: GAN-SA7A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4
2.5°	6071.0	6144.3	6220.0	6295.8	6382.6	6469.5	6570.8	6671.3	6757.2	6843.2	6914.7
5°	5107.3	5223.9	5361.0	5498.1	5672.6	5847.1	6060.8	6273.7	6463.5	6653.4	6873.9
7.5°	4045.7	4197.2	4376.0	4554.8	4780.4	5006.0	5282.7	5559.4	5827.6	6094.9	6433.7
10°	3393.5	3552.7	3729.0	3904.3	4134.2	4363.2	4656.1	4948.1	5249.5	5550.0	5933.1
12.5°	3051.3	3227.5	3382.5	3537.4	3723.8	3909.4	4192.9	4476.5	4830.6	5183.9	5552.6
15°	2686.0	2878.4	3064.0	3249.6	3453.1	3655.7	3931.6	4207.4	4594.8	4982.2	5406.1
17.5°	2244.2	2446.8	2673.3	2898.9	3164.5	3429.3	3782.6	4135.9	4594.8	5052.8	5552.6
20°	1783.6	1990.5	2261.2	2531.9	2862.3	3191.7	3649.8	4107.8	4725.9	5343.1	5980.8
22.5°	1407.3	1589.5	1884.9	2179.5	2560.9	2942.3	3529.7	4116.3	4924.3	5731.4	6592.1
25°	1140.8	1269.4	1559.7	1849.2	2289.3	2729.5	3456.5	4182.7	5212.9	6242.2	7309.8
27.5°	977.4	1061.6	1332.4	1602.3	2083.3	2563.4	3426.7	4289.2	5579.0	6868.8	8090.5
30°	895.6	954.4	1183.4	1411.6	1900.2	2388.9	3391.0	4393.0	5931.4	7469.0	8700.9
32.5°	827.5	874.3	1070.2	1265.1	1741.9	2218.6	3322.0	4424.5	6177.5	7930.4	9217.7
35°	769.6	808.8	979.1	1149.3	1617.6	2085.8	3206.2	4326.6	6331.6	8336.5	9755.7
37.5°	722.8	753.5	911.0	1068.5	1510.3	1952.2	3074.3	4196.4	6468.6	8740.9	10361.1
40°	686.2	712.6	859.9	1007.2	1408.1	1809.1	2961.0	4112.1	6657.6	9203.2	11000.4
42.5°	665.8	699.8	815.6	930.5	1311.1	1691.7	2869.9	4048.2	6833.0	9617.0	11559.8
45°	660.7	709.2	792.6	876.0	1238.7	1601.4	2789.1	3975.9	6946.2	9916.6	11981.2
47.5°	652.1	692.2	774.7	857.3	1203.0	1547.8	2745.6	3942.6	7059.5	10175.5	12331.1
50°	657.3	662.4	760.3	857.3	1197.9	1538.4	2795.0	4051.6	7304.7	10556.9	12731.2
52.5°	647.9	625.7	733.0	840.3	1197.0	1553.7	2937.2	4320.7	7760.1	11198.8	13164.6
55°	598.5	569.6	681.9	794.3	1179.1	1563.1	3106.6	4649.3	8371.4	12092.7	13943.6
57.5°	555.1	528.7	624.0	718.5	1124.6	1530.7	3281.1	5030.7	9017.6	13003.7	14821.3
60°	497.2	491.2	559.3	627.5	1040.4	1452.4	3425.0	5396.8	9451.8	13506.0	15159.3
62.5°	449.5	452.9	503.2	553.4	934.8	1315.4	3472.7	5629.2	9439.9	13250.6	14818.8
65°	412.9	418.9	468.2	517.6	844.5	1171.5	3316.0	5459.8	8962.3	12463.9	14145.3
67.5°	377.2	384.0	442.7	500.6	764.5	1027.6	2924.4	4820.4	8103.2	11385.2	13288.9
70°	343.1	351.6	415.5	479.3	706.6	933.1	2419.6	3906.0	7028.0	10149.1	12297.0
72.5°	306.5	315.0	383.1	451.2	670.0	888.0	1972.6	3056.4	5703.3	8349.3	10518.6
75°	269.0	275.0	349.1	422.3	619.8	817.3	1547.8	2277.4	4364.9	6452.5	7944.9
77.5°	231.6	239.2	301.4	362.7	526.1	688.8	1166.4	1644.0	3202.8	4760.8	5525.3
80°	184.7	191.6	235.8	279.2	406.1	532.1	802.0	1071.9	2204.2	3336.5	3767.3
82.5°	141.3	149.0	178.8	207.7	289.5	371.2	486.1	601.1	1464.3	2326.8	2362.5
85°	97.1	99.6	120.9	141.3	178.8	216.2	278.4	340.5	968.8	1597.2	1330.7
87.5°	48.5	48.5	63.0	77.5	96.2	114.9	147.3	178.8	309.9	441.0	253.7
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: P320751
 CATALOG NUMBER: GAN-SA7A-827-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: P320751

CATALOG NUMBER: GAN-SA7A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4
2.5°	7005.8	7068.0	7131.0	7178.7	7227.2	7297.0	7366.8	7379.6	7393.2	7366.0	7338.7
5°	7096.1	7284.2	7473.2	7647.8	7822.3	7927.0	8031.7	8053.0	8074.3	8008.7	7942.3
7.5°	6761.5	7089.3	7417.0	7717.6	8018.1	8200.3	8383.3	8424.2	8465.9	8358.7	8251.4
10°	6314.5	6717.2	7119.9	7515.8	7911.7	8176.5	8441.2	8494.0	8546.8	8413.1	8279.5
12.5°	5968.9	6398.8	6828.8	7245.9	7663.9	7938.1	8212.2	8277.8	8343.3	8246.3	8148.4
15°	5862.5	6266.9	6671.3	7034.8	7399.2	7623.1	7847.8	7874.2	7901.5	7886.1	7870.8
17.5°	6055.7	6421.0	6787.0	6984.6	7182.9	7272.3	7362.6	7391.5	7421.3	7459.6	7498.8
20°	6524.0	6781.1	7039.0	7030.5	7021.2	6977.7	6933.5	6925.8	6918.2	7028.0	7138.7
22.5°	7222.9	7325.1	7428.1	7188.9	6949.7	6804.1	6657.6	6628.7	6598.9	6715.5	6833.0
25°	7981.5	7962.8	7943.2	7487.7	7031.4	6753.8	6476.3	6443.9	6411.6	6511.2	6611.7
27.5°	8732.4	8609.8	8487.2	7868.3	7249.3	6846.6	6443.9	6411.6	6379.2	6467.8	6556.3
30°	9283.2	9086.6	8889.9	8189.2	7488.6	7010.1	6531.6	6478.9	6425.2	6534.2	6643.2
32.5°	9713.2	9449.2	9185.3	8449.7	7714.2	7196.5	6678.9	6596.3	6513.8	6659.3	6804.9
35°	10142.3	9771.1	9399.0	8682.2	7964.5	7417.0	6868.8	6767.5	6666.2	6866.2	7066.3
37.5°	10682.0	10149.1	9615.3	8943.5	8271.8	7747.4	7222.1	7118.2	7014.4	7268.9	7524.3
40°	11267.8	10556.9	9846.0	9229.6	8613.2	8204.6	7795.1	7696.3	7596.7	7906.6	8216.5
42.5°	11754.7	10936.6	10118.4	9574.4	9029.5	8741.8	8453.2	8452.3	8450.6	8764.8	9078.9
45°	12150.6	11253.3	10355.1	9910.7	9465.4	9315.6	9165.7	9285.8	9405.8	9689.3	9973.7
47.5°	12446.0	11518.9	10590.9	10295.5	10000.1	10022.2	10044.3	10288.7	10533.0	10715.2	10898.3
50°	12638.4	11759.8	10880.4	10789.3	10698.2	10896.6	11095.8	11375.9	11656.8	11781.1	11905.4
52.5°	12918.5	12086.8	11254.1	11356.3	11458.5	11863.7	12269.0	12552.5	12836.0	12881.9	12928.8
55°	13566.4	12687.8	11808.4	12004.2	12200.8	12795.1	13390.2	13611.5	13832.9	13849.9	13867.0
57.5°	14486.7	13529.8	12572.9	12784.0	12995.2	13681.4	14368.4	14606.8	14846.0	14812.8	14778.8
60°	15175.5	14329.2	13482.1	13695.0	13907.8	14577.0	15246.2	15520.3	15795.3	15722.1	15648.9
62.5°	15218.1	14766.0	14313.1	14505.5	14698.7	15354.3	16009.8	16291.6	16573.4	16445.7	16318.0
65°	14541.2	14743.9	14946.5	15010.3	15074.2	15685.5	16297.6	16513.0	16729.2	16664.5	16599.8
67.5°	13609.0	14355.6	15103.1	14974.6	14846.0	15132.9	15419.8	15642.0	15864.2	15827.6	15790.2
70°	12678.5	13675.4	14672.3	14040.6	13408.1	13289.7	13171.4	13410.6	13650.7	13502.6	13353.6
72.5°	11094.1	12156.6	13219.9	12056.1	10892.3	10487.9	10083.5	10387.4	10691.4	10455.6	10218.9
75°	8708.6	9882.6	11057.5	9668.9	8280.3	7740.6	7200.8	7462.2	7723.5	7561.8	7399.2
77.5°	6483.1	7640.1	8797.1	7385.5	5973.1	5572.2	5170.3	5247.8	5326.1	5298.9	5270.8
80°	4397.3	5203.5	6010.6	5070.7	4130.8	4161.4	4192.9	4156.3	4118.9	4173.4	4227.9
82.5°	2806.1	3428.4	4051.6	3552.7	3053.8	3339.9	3625.9	3485.5	3344.1	3396.1	3448.9
85°	1601.4	2210.1	2819.7	2628.1	2435.7	2602.6	2770.3	2552.4	2334.4	2429.8	2526.0
87.5°	422.3	1222.6	2023.7	1837.2	1650.8	1434.5	1218.3	929.7	641.1	936.5	1231.9
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: P320751
 CATALOG NUMBER: GAN-SA7A-827-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°	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4	6487.4
2.5°	7324.3	7309.8	7257.8	7205.1	7126.7	7062.0	6949.7
5°	7850.4	7758.4	7600.1	7440.9	7263.8	7060.3	6834.7
7.5°	8036.8	7821.4	7517.5	7212.7	6938.6	6616.8	6317.1
10°	7957.7	7635.0	7240.0	6844.1	6511.2	6140.9	5808.0
12.5°	7806.1	7463.0	7028.0	6592.1	6213.2	5815.6	5442.7
15°	7597.5	7323.4	6915.6	6507.8	6126.4	5739.9	5298.0
17.5°	7369.4	7239.1	6944.5	6649.1	6318.8	5944.2	5425.7
20°	7185.5	7233.2	7115.7	6998.2	6733.4	6406.5	5824.2
22.5°	7061.2	7290.2	7380.4	7471.5	7312.3	7056.9	6383.5
25°	6991.4	7371.1	7673.3	7976.4	7905.7	7709.1	7062.9
27.5°	7022.0	7487.7	7956.8	8426.8	8492.3	8437.8	7778.9
30°	7114.0	7585.6	8156.9	8729.0	8990.4	9063.6	8375.7
32.5°	7267.2	7729.5	8351.8	8975.0	9370.1	9603.3	8921.4
35°	7498.8	7931.3	8580.0	9228.7	9739.6	10165.2	9485.0
37.5°	7896.4	8268.4	8866.9	9466.3	10128.6	10768.0	10105.6
40°	8478.7	8741.8	9247.5	9754.0	10587.5	11450.8	10797.8
42.5°	9213.4	9348.8	9749.8	10150.8	11066.8	12070.6	11474.6
45°	10009.4	10045.2	10297.2	10550.1	11446.5	12492.9	11982.9
47.5°	10775.7	10653.1	10753.5	10854.0	11737.7	12794.2	12368.6
50°	11564.0	11222.6	11169.8	11117.1	12028.9	13149.3	12858.9
52.5°	12366.0	11803.3	11594.7	11385.2	12376.2	13620.1	13469.4
55°	13151.0	12435.0	12154.0	11873.1	12907.5	14194.7	14365.9
57.5°	13967.4	13156.1	12895.6	12635.0	13688.2	14922.6	15170.4
60°	14846.0	14042.3	13833.8	13624.3	14658.7	15709.3	15528.8
62.5°	15679.5	15041.0	14931.2	14820.5	15640.3	16313.8	15389.2
65°	16236.3	15871.9	15974.1	16077.1	16382.7	16464.5	14980.5
67.5°	15864.2	15938.3	16370.0	16802.4	16592.2	16016.6	14175.1
70°	13797.1	14241.6	15264.0	16287.4	15820.8	14817.1	12729.5
72.5°	10717.8	11217.5	12735.5	14254.3	13824.4	12595.0	10455.6
75°	7962.8	8527.2	10202.7	11878.2	11281.4	9421.2	7486.0
77.5°	5648.8	6026.8	7681.0	9336.0	8362.9	6271.1	5037.5
80°	4112.1	3996.3	4918.3	5840.3	5678.6	4147.8	3235.2
82.5°	3166.2	2883.6	3317.8	3751.9	3728.1	2878.4	2373.6
85°	2412.8	2299.5	2683.5	3067.5	2738.8	1949.6	1508.6
87.5°	1406.4	1581.8	2033.9	2486.8	1866.2	591.7	292.9
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



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 CATALOG NUMBER: GAN-SA7A-827-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)