

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: P320832

Luminaire Tested: **GAN-SA8A-722-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320832
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA8A-722-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 2200K, 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: 24129 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

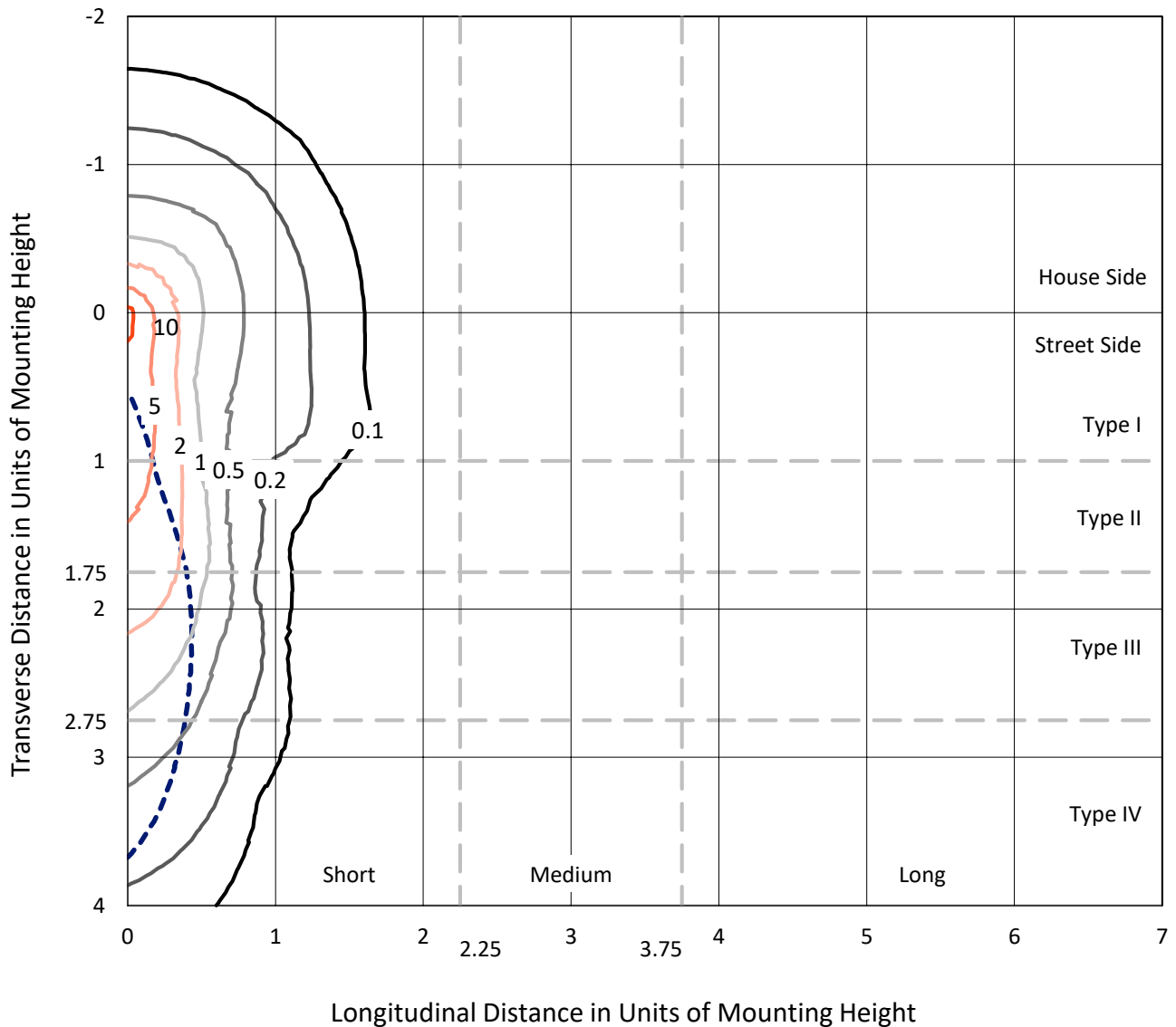
Input Watts (W): 257
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

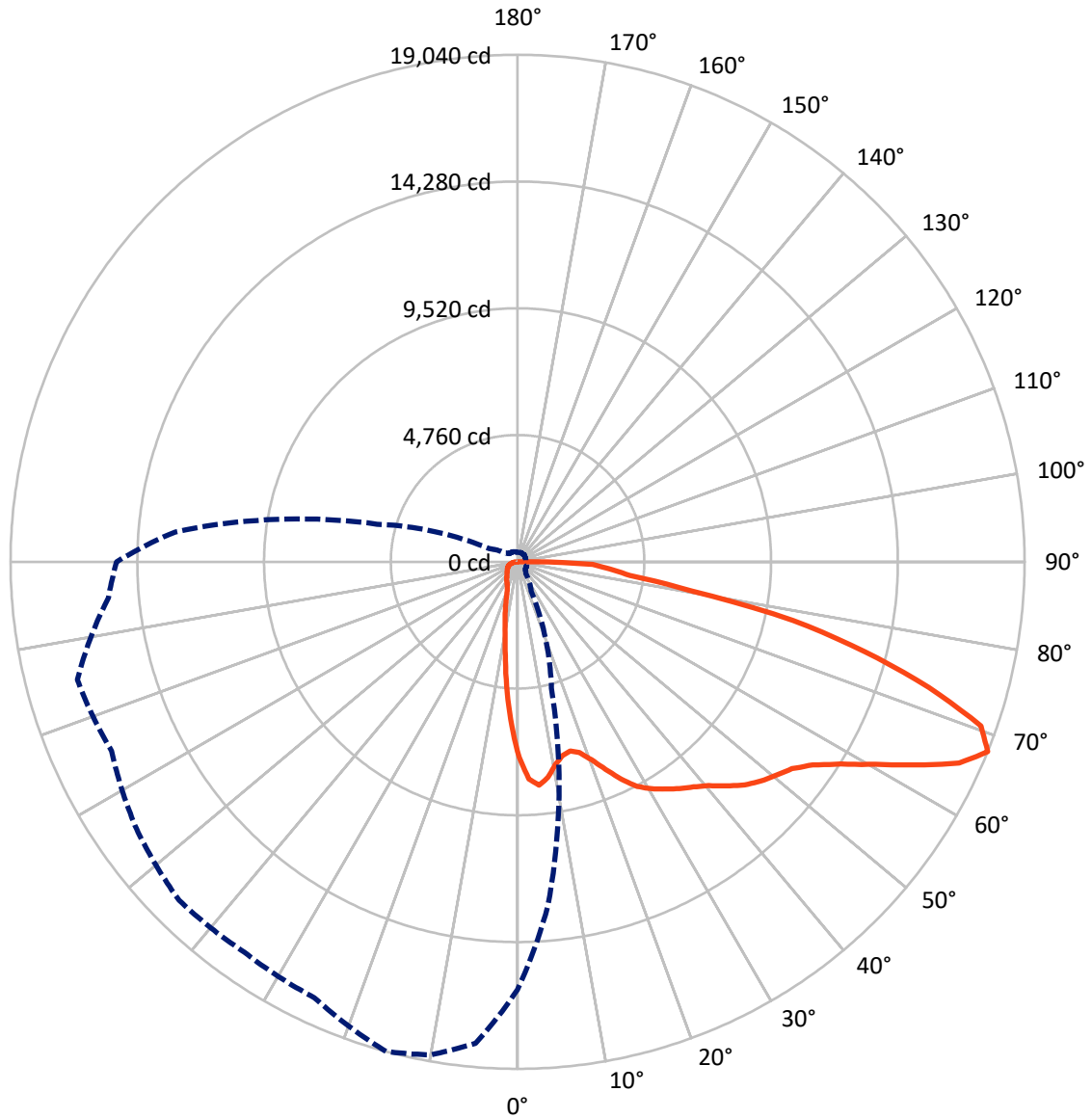
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.8 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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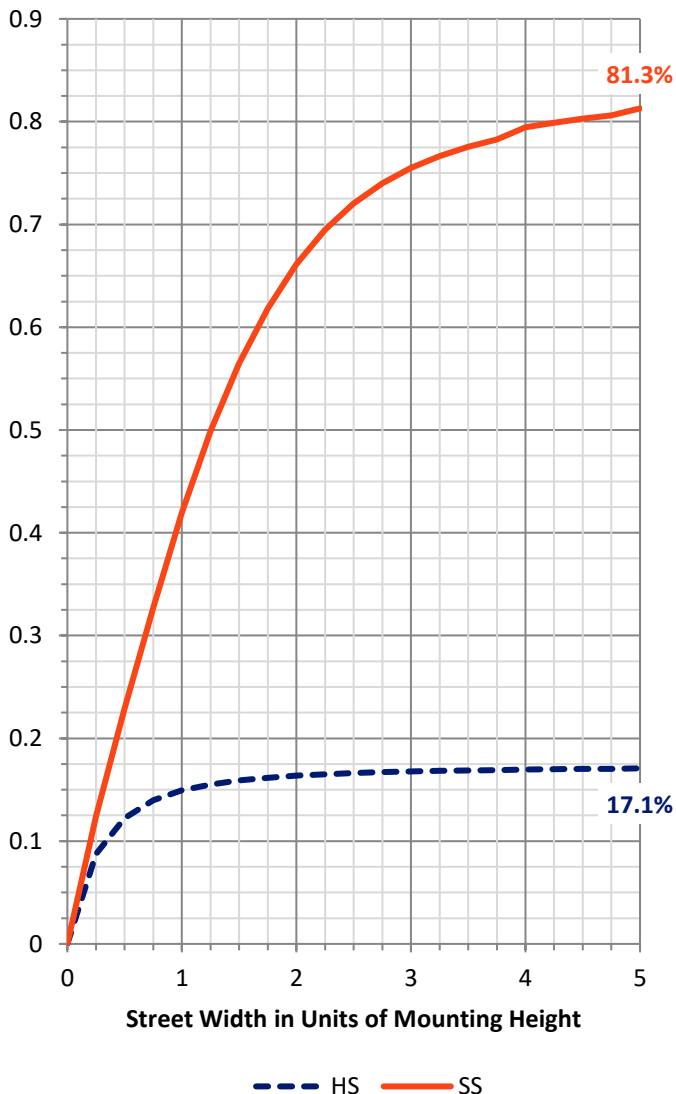
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4171.4	0.0	4171.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	19957.6	0.0	19957.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	24129.0	0.0	24129.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	567.3	2.4
10°-20°	1178.6	4.9
20°-30°	1676.2	6.9
30°-40°	2415.4	10.0
40°-50°	3404.0	14.1
50°-60°	4732.1	19.6
60°-70°	5722.5	23.7
70°-80°	3517.5	14.6
80°-90°	915.3	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°	24129.0	100.0
0°-180°	24129.0	100.0

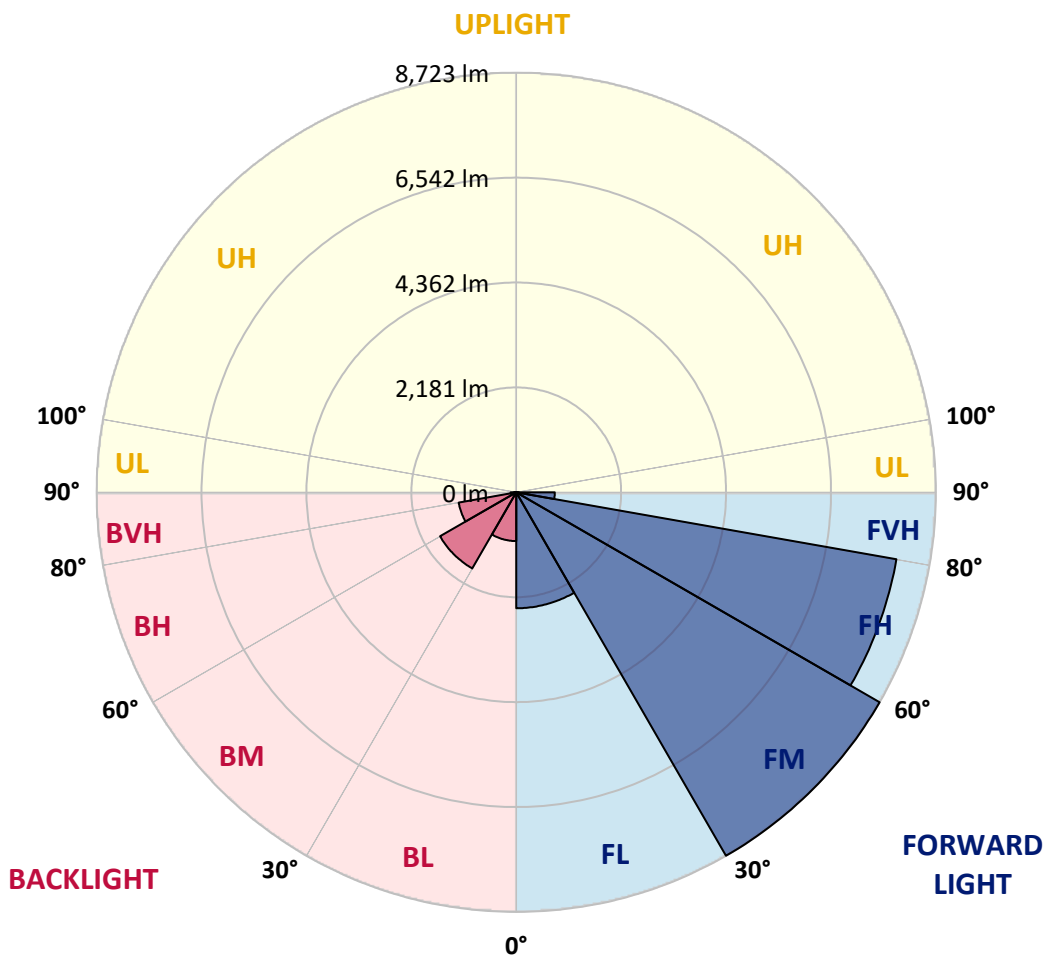


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2409.3	10.0			
FM (30°-60°)	8723.2	36.2			
FH (60°-80°)	8024.5	33.3			G4/12000
FVH (80°-90°)	800.6	3.3			G5
BL (0°-30°)	1012.8	4.2	B3/2500		
BM (30°-60°)	1828.3	7.6	B2/2500		
BH (60°-80°)	1215.6	5.0	B3/2500		G3/2500
BVH (80°-90°)	114.7	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°	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1
2.5°	7874.9	7805.4	7700.3	7595.1	7517.0	7437.9	7348.2	7258.5	7156.2	7053.0	6992.2
5°	7744.7	7551.7	7300.9	7050.1	6884.1	6718.2	6530.1	6342.0	6155.8	5969.6	5869.3
7.5°	7158.1	6868.7	6542.6	6216.6	5975.4	5733.3	5472.8	5211.3	4979.8	4747.3	4603.6
10°	6581.2	6233.9	5859.6	5484.4	5175.7	4866.9	4605.5	4343.1	4168.5	3993.9	3861.7
12.5°	6167.4	5782.5	5370.5	4957.6	4648.9	4340.2	4174.3	4008.4	3863.7	3718.9	3566.5
15°	6003.4	5568.3	5146.7	4724.2	4443.4	4162.7	3978.5	3793.2	3599.3	3404.5	3217.3
17.5°	6148.1	5638.7	5180.5	4722.2	4354.7	3987.1	3729.6	3471.0	3215.4	2959.7	2742.7
20°	6599.6	5949.3	5350.3	4750.2	4261.1	3772.0	3426.6	3080.3	2752.3	2424.3	2178.3
22.5°	7233.4	6372.9	5590.5	4808.1	4176.2	3543.4	3110.2	2676.1	2288.3	1900.5	1659.3
25°	8003.2	6934.3	5936.8	4938.3	4141.5	3343.7	2811.2	2278.6	1869.6	1459.6	1287.9
27.5°	8814.5	7603.8	6367.1	5129.3	4147.3	3165.2	2559.4	1952.6	1584.0	1215.5	1097.8
30°	9490.8	8368.8	6868.7	5367.6	4169.5	2971.3	2322.0	1672.8	1368.9	1065.0	988.8
32.5°	10109.2	8902.3	7246.9	5590.5	4194.5	2797.7	2138.8	1478.9	1231.0	982.1	919.4
35°	10747.8	9376.0	7511.2	5645.5	4151.1	2655.8	2013.3	1370.8	1142.2	912.6	859.6
37.5°	11451.1	9888.2	7765.9	5642.6	4077.8	2513.1	1915.9	1317.8	1084.3	849.9	811.3
40°	12235.4	10454.5	8041.8	5629.1	4011.3	2392.5	1843.6	1293.7	1052.5	810.4	777.6
42.5°	13002.3	10994.8	8298.4	5602.1	3957.2	2311.4	1772.2	1232.9	1023.6	813.2	766.9
45°	13578.3	11466.5	8521.3	5575.0	3916.7	2258.4	1716.2	1174.0	996.5	819.0	760.2
47.5°	14015.3	11940.2	8768.2	5595.3	3912.9	2230.4	1676.7	1122.9	945.4	766.9	742.8
50°	14570.9	12509.4	9128.1	5746.8	3965.9	2185.1	1630.4	1074.7	896.2	717.7	750.5
52.5°	15262.6	13321.6	9685.7	6048.7	4076.9	2105.0	1557.0	1009.1	836.4	662.8	713.9
55°	16278.5	14362.6	10398.6	6433.6	4210.9	1987.3	1446.1	903.9	757.3	609.7	655.0
57.5°	17190.1	15414.1	11082.6	6750.1	4294.9	1838.7	1306.2	773.7	668.5	563.4	589.4
60°	17596.3	15956.3	11402.8	6848.5	4244.7	1641.0	1149.0	656.0	590.4	524.8	520.0
62.5°	17438.0	15611.9	11087.4	6562.9	3999.7	1436.4	1010.0	583.6	534.4	484.3	473.7
65°	16975.0	14529.5	10203.7	5878.0	3585.8	1293.7	922.3	550.8	495.9	440.9	429.3
67.5°	16062.4	12988.8	8951.5	4914.2	3060.1	1205.9	872.1	538.3	471.7	404.2	390.7
70°	14424.3	11134.6	7509.3	3882.9	2517.9	1151.9	839.3	526.7	445.7	363.7	351.2
72.5°	11847.6	8927.4	5996.6	3064.9	2105.0	1145.1	835.4	525.8	424.5	323.2	311.6
75°	8482.7	6780.9	4577.5	2373.2	1723.9	1074.7	793.0	511.3	395.5	278.8	268.2
77.5°	5708.2	4693.3	3181.6	1668.9	1279.2	889.5	666.6	443.8	338.6	233.5	222.8
80°	3665.9	3248.2	2132.0	1015.8	829.6	643.5	476.6	309.7	247.0	183.3	174.6
82.5°	2689.6	2417.6	1481.8	546.0	461.1	375.3	291.3	207.4	168.8	130.2	126.4
85°	1709.5	1885.0	1091.1	297.1	243.1	189.1	156.3	123.5	97.4	71.4	71.4
87.5°	331.9	459.2	302.0	143.7	105.2	66.6	56.9	46.3	26.0	4.8	5.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1
2.5°	6930.5	6863.9	6797.3	6722.1	6645.9	6575.4	6504.1	6425.9	6440.4	6380.6	6320.8
5°	5768.9	5662.8	5555.7	5463.1	5370.5	5290.5	5209.4	5137.1	5199.8	5157.3	5114.9
7.5°	4458.9	4327.7	4195.5	4084.6	3973.6	3887.8	3800.9	3741.1	3802.9	3795.2	3787.4
10°	3729.6	3602.2	3473.9	3351.4	3228.9	3124.7	3019.5	2930.8	2915.3	2871.0	2825.6
12.5°	3413.1	3238.5	3062.9	2934.6	2806.3	2681.9	2557.4	2453.2	2406.0	2332.7	2258.4
15°	3030.1	2823.7	2617.2	2471.6	2324.9	2204.4	2082.8	1993.1	1963.2	1906.3	1849.3
17.5°	2525.6	2299.9	2074.1	1926.5	1778.0	1681.5	1584.0	1524.2	1524.2	1507.8	1491.4
20°	1932.3	1730.7	1529.1	1416.2	1303.3	1252.2	1200.1	1175.0	1182.7	1183.7	1183.7
22.5°	1417.2	1293.7	1170.2	1124.8	1078.5	1060.2	1041.9	1031.3	1035.1	1036.1	1037.1
25°	1116.2	1068.9	1020.7	997.5	973.4	961.8	950.2	946.4	955.1	956.0	956.0
27.5°	980.1	951.2	921.3	906.8	891.4	886.6	881.7	875.0	883.7	883.7	882.7
30°	911.6	880.8	849.9	831.6	813.2	815.2	816.1	814.2	820.0	823.9	826.8
32.5°	855.7	825.8	795.9	777.6	758.3	755.4	752.5	750.5	763.1	769.8	776.6
35°	805.5	772.7	739.9	722.6	705.2	698.4	691.7	686.9	698.4	707.1	715.8
37.5°	771.8	738.0	703.3	686.9	669.5	660.8	652.1	646.4	651.2	655.0	658.9
40°	744.8	710.0	674.3	655.0	635.7	627.1	618.4	613.6	616.4	617.4	618.4
42.5°	719.7	685.9	652.1	630.9	608.7	598.1	587.5	581.7	583.6	585.6	586.5
45°	701.3	667.6	632.8	607.8	581.7	570.1	558.6	551.8	552.8	552.8	552.8
47.5°	718.7	669.5	619.3	590.4	560.5	547.0	533.5	526.7	524.8	522.9	520.9
50°	782.4	698.4	613.6	576.9	539.3	524.8	509.4	501.6	496.8	494.9	493.0
52.5°	764.0	691.7	618.4	571.1	522.9	505.5	488.1	475.6	470.8	467.9	465.0
55°	699.4	654.1	607.8	550.8	493.9	478.5	462.1	453.4	444.7	442.8	440.9
57.5°	614.5	596.2	577.9	520.0	462.1	447.6	432.2	426.4	418.7	418.7	417.7
60°	514.2	541.2	568.2	501.6	434.1	417.7	401.3	396.5	393.6	392.6	391.7
62.5°	462.1	506.5	549.9	479.5	408.1	390.7	373.3	367.6	366.6	367.6	367.6
65°	417.7	431.2	444.7	411.9	379.1	361.8	343.4	337.6	339.6	342.5	345.4
67.5°	377.2	374.3	371.4	359.8	347.3	332.8	317.4	311.6	312.6	316.4	320.3
70°	338.6	334.8	329.9	321.2	312.6	300.0	287.5	283.6	282.7	287.5	291.3
72.5°	300.0	295.2	289.4	282.7	274.9	264.3	253.7	250.8	251.8	254.7	257.6
75°	257.6	253.7	248.9	243.1	236.4	226.7	217.1	215.1	217.1	220.0	222.8
77.5°	211.3	210.3	208.4	203.6	198.7	188.1	176.5	175.6	178.5	181.4	183.3
80°	165.0	165.9	166.9	163.0	159.2	147.6	135.1	134.1	137.0	139.9	142.8
82.5°	121.6	124.4	126.4	121.6	116.7	103.2	89.7	87.8	97.4	100.3	103.2
85°	70.4	74.3	78.1	74.3	70.4	56.9	43.4	42.4	51.1	56.0	60.8
87.5°	5.8	7.7	9.6	8.7	7.7	3.9	0.0	0.0	1.0	4.8	8.7
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: P320832
 CATALOG NUMBER: GAN-SA8A-722-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: P320832

CATALOG NUMBER: GAN-SA8A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1
2.5°	6283.1	6245.5	6233.9	6222.4	6179.9	6136.5	6180.9	6224.3	6242.6	6260.9	6213.7
5°	5109.1	5102.3	5102.3	5101.4	5062.8	5023.2	5053.1	5082.1	5017.4	4952.8	4946.1
7.5°	3828.9	3870.4	3904.2	3937.0	3924.4	3911.9	3939.9	3967.8	3885.8	3802.9	3762.4
10°	2835.3	2844.0	2880.6	2917.3	2926.0	2933.7	2968.4	3002.2	2938.5	2874.8	2846.9
12.5°	2212.1	2165.8	2170.6	2174.4	2191.8	2208.2	2244.9	2280.6	2254.5	2227.5	2230.4
15°	1791.5	1732.6	1708.5	1683.4	1702.7	1722.0	1748.0	1773.1	1774.1	1774.1	1799.2
17.5°	1462.5	1432.6	1408.5	1383.4	1409.4	1434.5	1437.4	1440.3	1441.3	1442.2	1440.3
20°	1198.2	1212.6	1204.9	1197.2	1206.8	1215.5	1223.2	1230.0	1221.3	1211.7	1187.6
22.5°	1050.6	1063.1	1072.8	1081.4	1097.8	1113.3	1105.6	1096.9	1079.5	1061.2	1042.8
25°	964.7	973.4	983.0	992.7	1006.2	1018.7	1005.2	991.7	979.2	966.6	954.1
27.5°	892.4	901.0	909.7	917.4	930.0	941.6	929.0	916.5	905.9	895.2	885.6
30°	833.5	839.3	846.0	852.8	864.4	875.0	864.4	852.8	845.1	836.4	829.6
32.5°	783.3	789.1	792.0	794.9	805.5	816.1	808.4	800.7	794.0	787.2	782.4
35°	728.4	739.9	741.9	743.8	754.4	765.0	760.2	754.4	746.7	739.0	730.3
37.5°	672.4	685.9	693.6	700.4	711.0	721.6	716.8	712.0	701.3	690.7	675.3
40°	625.1	630.9	645.4	658.9	676.3	692.7	683.0	672.4	656.0	639.6	631.9
42.5°	585.6	584.6	598.1	611.6	637.7	662.8	645.4	628.0	612.6	597.2	595.2
45°	550.8	548.0	554.7	561.5	589.4	616.4	599.1	580.8	572.1	563.4	563.4
47.5°	520.0	518.0	522.9	526.7	544.1	560.5	551.8	543.1	538.3	533.5	534.4
50°	492.0	490.1	494.9	498.8	505.5	511.3	513.2	514.2	511.3	508.4	510.3
52.5°	466.0	466.0	467.9	468.8	477.5	486.2	486.2	485.2	485.2	485.2	487.2
55°	443.8	445.7	445.7	445.7	459.2	471.7	467.9	464.0	465.0	465.0	466.9
57.5°	421.6	424.5	426.4	428.3	441.8	455.3	451.5	447.6	447.6	447.6	448.6
60°	396.5	400.4	404.2	408.1	421.6	435.1	431.2	426.4	427.4	428.3	429.3
62.5°	372.4	376.2	380.1	384.0	397.5	411.0	407.1	402.3	405.2	407.1	407.1
65°	349.2	352.1	356.0	359.8	372.4	384.9	381.1	377.2	381.1	384.0	385.9
67.5°	323.2	325.1	329.0	332.8	345.4	357.9	354.0	349.2	354.0	357.9	361.8
70°	293.3	295.2	300.0	303.9	316.4	329.0	324.1	319.3	324.1	329.0	332.8
72.5°	260.5	262.4	267.2	271.1	285.6	300.0	294.2	288.4	294.2	300.0	302.0
75°	224.8	226.7	232.5	237.3	251.8	266.3	261.4	255.6	260.5	265.3	266.3
77.5°	186.2	189.1	196.8	204.5	216.1	227.7	224.8	221.9	224.8	227.7	227.7
80°	145.7	148.6	158.2	166.9	173.6	180.4	181.4	182.3	183.3	184.3	183.3
82.5°	108.0	111.9	120.6	129.3	129.3	129.3	137.0	143.7	143.7	142.8	141.8
85°	66.6	71.4	79.1	86.8	82.0	77.2	89.7	101.3	101.3	100.3	98.4
87.5°	13.5	18.3	26.0	32.8	28.0	23.2	35.7	48.2	49.2	49.2	47.3
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: P320832
 CATALOG NUMBER: GAN-SA8A-722-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: P320832
 CATALOG NUMBER: GAN-SA8A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1
2.5°	6165.4	6240.7	6315.0	6334.3	6363.2	6375.7	6387.3	6481.9	6575.4	6685.4	6795.4
5°	4938.3	4994.3	5050.2	5058.9	5088.8	5104.3	5119.7	5234.5	5348.3	5501.7	5655.1
7.5°	3721.8	3735.3	3748.9	3746.9	3772.0	3805.8	3838.6	3961.1	4082.6	4247.6	4411.6
10°	2818.9	2849.7	2879.7	2907.6	2962.6	3026.3	3089.0	3214.4	3339.8	3502.9	3664.9
12.5°	2233.3	2269.0	2303.7	2334.6	2398.3	2483.2	2567.1	2717.6	2868.1	3062.9	3256.9
15°	1823.3	1820.4	1817.5	1838.7	1894.7	1987.3	2078.9	2238.1	2397.3	2611.5	2824.7
17.5°	1438.4	1423.9	1409.4	1425.8	1477.9	1554.1	1629.4	1764.4	1898.5	2106.0	2313.4
20°	1163.4	1153.8	1144.1	1159.6	1192.4	1224.2	1256.0	1353.5	1450.0	1618.8	1786.6
22.5°	1023.6	1022.6	1020.7	1029.3	1044.8	1061.2	1076.6	1123.9	1170.2	1279.2	1387.2
25°	941.6	940.6	939.6	943.5	956.0	968.6	981.1	1012.0	1042.8	1094.9	1147.0
27.5°	876.0	874.0	872.1	873.1	876.0	895.2	913.6	928.0	941.6	977.2	1012.0
30°	822.9	821.9	821.0	821.0	818.1	824.8	831.6	853.8	875.0	911.6	948.3
32.5°	777.6	772.7	767.9	757.3	750.5	760.2	769.8	793.0	816.1	849.9	883.7
35°	720.6	708.1	694.6	688.8	689.8	699.4	709.1	732.2	754.4	791.1	826.8
37.5°	658.9	655.0	650.2	649.2	652.1	661.8	671.4	691.7	711.0	747.6	783.3
40°	624.2	622.2	620.3	618.4	620.3	630.0	639.6	658.9	677.2	712.9	747.6
42.5°	593.3	592.3	591.4	591.4	592.3	602.9	613.6	632.8	651.2	683.0	714.8
45°	563.4	564.4	564.4	566.3	569.2	579.8	589.4	610.7	631.9	662.8	693.6
47.5°	535.4	538.3	540.2	545.1	548.0	559.5	570.1	593.3	616.4	655.0	692.7
50°	511.3	514.2	516.1	520.0	527.7	541.2	554.7	582.7	609.7	674.3	738.0
52.5°	489.1	492.0	494.9	498.8	508.4	523.8	539.3	574.0	607.8	683.0	758.3
55°	468.8	471.7	473.7	479.5	489.1	502.6	515.2	557.6	600.0	655.0	710.0
57.5°	449.6	452.4	454.4	458.2	463.1	477.5	491.0	536.4	581.7	620.3	657.9
60°	429.3	431.2	432.2	432.2	436.0	452.4	468.8	526.7	583.6	576.9	569.2
62.5°	407.1	409.0	410.0	407.1	411.9	429.3	446.7	521.9	597.2	550.8	504.5
65°	386.8	385.9	384.9	382.0	387.8	405.2	421.6	459.2	496.8	478.5	460.2
67.5°	364.7	361.8	358.9	355.0	360.8	376.2	390.7	403.2	415.8	417.7	419.6
70°	336.7	332.8	329.0	328.0	330.9	343.4	356.0	364.7	372.4	376.2	379.1
72.5°	303.9	301.0	298.1	296.2	297.1	307.7	317.4	325.1	332.8	335.7	337.6
75°	267.2	267.2	266.3	260.5	260.5	269.2	276.9	283.6	290.4	294.2	298.1
77.5°	227.7	228.6	228.6	220.9	220.0	228.6	236.4	242.1	247.0	250.8	253.7
80°	182.3	180.4	178.5	173.6	171.7	182.3	192.0	196.8	200.7	201.6	201.6
82.5°	139.9	136.0	131.2	120.6	121.6	133.1	143.7	147.6	151.5	151.5	151.5
85°	95.5	87.8	79.1	70.4	71.4	83.9	95.5	99.4	103.2	105.2	106.1
87.5°	45.3	37.6	28.9	22.2	22.2	32.8	42.4	44.4	46.3	50.2	54.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320832
 CATALOG NUMBER: GAN-SA8A-722-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: P320832

CATALOG NUMBER: GAN-SA8A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1
2.5°	6879.3	6962.3	7048.1	7134.0	7232.4	7330.8	7445.6	7559.4	7656.9	7754.3	7835.3
5°	5787.3	5919.4	6074.8	6230.1	6427.8	6625.6	6867.7	7108.9	7324.1	7539.2	7789.0
7.5°	4584.3	4756.0	4958.6	5161.2	5416.8	5672.5	5986.0	6299.5	6603.4	6906.3	7290.3
10°	3845.3	4025.7	4225.4	4424.1	4684.6	4944.1	5276.0	5606.9	5948.4	6288.9	6723.0
12.5°	3457.5	3657.2	3832.8	4008.4	4219.6	4429.9	4751.2	5072.4	5473.7	5874.1	6291.8
15°	3043.7	3261.7	3472.0	3682.3	3912.9	4142.5	4455.0	4767.6	5206.5	5645.5	6125.9
17.5°	2543.0	2772.6	3029.2	3284.8	3585.8	3885.8	4286.2	4686.5	5206.5	5725.5	6291.8
20°	2021.1	2255.5	2562.3	2869.0	3243.3	3616.7	4135.7	4654.7	5355.1	6054.5	6777.1
22.5°	1594.7	1801.1	2135.9	2469.6	2901.8	3334.0	3999.7	4664.4	5579.9	6494.4	7469.7
25°	1292.7	1438.4	1767.3	2095.3	2594.1	3092.9	3916.7	4739.6	5906.9	7073.2	8283.0
27.5°	1107.5	1203.0	1509.8	1815.6	2360.6	2904.7	3882.9	4860.2	6321.7	7783.3	9167.6
30°	1014.9	1081.4	1340.9	1599.5	2153.2	2707.0	3842.4	4977.9	6721.1	8463.4	9859.3
32.5°	937.7	990.8	1212.6	1433.6	1973.8	2514.0	3764.3	5013.6	6999.9	8986.2	10444.9
35°	872.1	916.5	1109.4	1302.4	1832.9	2363.5	3633.1	4902.6	7174.5	9446.4	11054.6
37.5°	819.0	853.8	1032.2	1210.7	1711.4	2212.1	3483.6	4755.0	7329.8	9904.6	11740.5
40°	777.6	807.5	974.4	1141.2	1595.6	2050.0	3355.3	4659.5	7544.0	10428.5	12465.0
42.5°	754.4	793.0	924.2	1054.4	1485.6	1916.9	3252.0	4587.2	7742.7	10897.3	13098.8
45°	748.6	803.6	898.1	992.7	1403.6	1814.6	3160.4	4505.2	7871.0	11236.9	13576.3
47.5°	739.0	784.3	877.9	971.5	1363.1	1753.8	3111.2	4467.6	7999.4	11530.2	13972.8
50°	744.8	750.5	861.5	971.5	1357.3	1743.2	3167.1	4591.0	8277.2	11962.4	14426.2
52.5°	734.1	709.1	830.6	952.2	1356.4	1760.6	3328.2	4895.9	8793.3	12689.8	14917.3
55°	678.2	645.4	772.7	900.1	1336.1	1771.2	3520.2	5268.3	9486.0	13702.7	15800.0
57.5°	629.0	599.1	707.1	814.2	1274.4	1734.5	3718.0	5700.5	10218.2	14734.9	16794.6
60°	563.4	556.6	633.8	711.0	1178.9	1645.8	3881.0	6115.3	10710.2	15304.1	17177.6
62.5°	509.4	513.2	570.1	627.1	1059.2	1490.5	3935.0	6378.6	10696.7	15014.7	16791.7
65°	467.9	474.6	530.6	586.5	957.0	1327.4	3757.5	6186.7	10155.5	14123.3	16028.6
67.5°	427.4	435.1	501.6	567.2	866.3	1164.4	3313.8	5462.2	9182.1	12901.0	15058.1
70°	388.8	398.4	470.8	543.1	800.7	1057.3	2741.7	4426.1	7963.7	11500.3	13934.2
72.5°	347.3	356.9	434.1	511.3	759.2	1006.2	2235.2	3463.3	6462.6	9460.9	11919.0
75°	304.8	311.6	395.5	478.5	702.3	926.1	1753.8	2580.6	4946.1	7311.5	9002.6
77.5°	262.4	271.1	341.5	411.0	596.2	780.4	1321.6	1862.8	3629.2	5394.6	6260.9
80°	209.3	217.1	267.2	316.4	460.2	602.9	908.8	1214.6	2497.6	3780.7	4268.8
82.5°	160.1	168.8	202.6	235.4	328.0	420.6	550.8	681.1	1659.3	2636.5	2677.1
85°	110.0	112.9	137.0	160.1	202.6	245.0	315.5	385.9	1097.8	1809.8	1507.8
87.5°	55.0	55.0	71.4	87.8	109.0	130.2	166.9	202.6	351.2	499.7	287.5
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: P320832
 CATALOG NUMBER: GAN-SA8A-722-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: P320832

CATALOG NUMBER: GAN-SA8A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1
2.5°	7938.6	8009.0	8080.4	8134.4	8189.4	8268.5	8347.6	8362.1	8377.5	8346.6	8315.8
5°	8040.8	8254.0	8468.2	8666.0	8863.7	8982.4	9101.0	9125.2	9149.3	9075.0	8999.8
7.5°	7661.7	8033.1	8404.5	8745.1	9085.6	9292.1	9499.5	9545.8	9593.0	9471.5	9349.9
10°	7155.2	7611.5	8067.8	8516.4	8965.0	9265.0	9565.1	9624.9	9684.7	9533.2	9381.8
12.5°	6763.6	7250.7	7737.9	8210.6	8684.3	8994.9	9305.6	9379.8	9454.1	9344.2	9233.2
15°	6643.0	7101.2	7559.4	7971.4	8384.3	8638.0	8892.7	8922.6	8953.4	8936.1	8918.7
17.5°	6862.0	7275.8	7690.6	7914.5	8139.2	8240.5	8342.8	8375.6	8409.4	8452.8	8497.1
20°	7392.5	7683.9	7976.2	7966.6	7955.9	7906.7	7856.6	7847.9	7839.2	7963.7	8089.1
22.5°	8184.6	8300.3	8417.1	8146.0	7874.9	7709.9	7544.0	7511.2	7477.4	7609.6	7742.7
25°	9044.1	9022.9	9000.7	8484.6	7967.5	7653.0	7338.5	7301.9	7265.2	7378.1	7491.9
27.5°	9895.0	9756.1	9617.2	8915.8	8214.5	7758.2	7301.9	7265.2	7228.5	7328.9	7429.2
30°	10519.2	10296.3	10073.5	9279.5	8485.6	7943.4	7401.2	7341.4	7280.6	7404.1	7527.6
32.5°	11006.3	10707.3	10408.2	9574.7	8741.2	8154.7	7568.1	7474.5	7381.0	7545.9	7710.9
35°	11492.6	11071.9	10650.4	9838.1	9024.8	8404.5	7783.3	7668.5	7553.7	7780.4	8007.1
37.5°	12104.2	11500.3	10895.4	10134.2	9373.1	8778.8	8183.6	8065.9	7948.2	8236.7	8526.1
40°	12767.9	11962.4	11156.8	10458.4	9759.9	9296.9	8832.9	8721.0	8608.1	8959.2	9310.4
42.5°	13319.7	12392.6	11465.5	10849.1	10231.7	9905.6	9578.6	9577.6	9575.7	9931.7	10287.6
45°	13768.3	12751.5	11733.7	11230.2	10725.6	10555.8	10386.0	10522.1	10658.1	10979.3	11301.5
47.5°	14103.1	13052.5	12001.0	11666.2	11331.4	11356.5	11381.6	11658.5	11935.4	12141.8	12349.2
50°	14321.1	13325.5	12329.0	12225.7	12122.5	12347.3	12573.0	12890.4	13208.8	13349.6	13490.5
52.5°	14638.5	13695.9	12752.5	12868.2	12984.0	13443.2	13902.4	14223.6	14544.9	14597.0	14650.0
55°	15372.6	14377.0	13380.5	13602.4	13825.2	14498.6	15172.9	15423.7	15674.6	15693.9	15713.1
57.5°	16415.5	15331.1	14246.8	14486.0	14725.3	15502.8	16281.4	16551.5	16822.6	16784.9	16746.3
60°	17195.9	16237.0	15277.1	15518.3	15759.5	16517.7	17276.0	17586.6	17898.2	17815.2	17732.3
62.5°	17244.1	16731.9	16218.7	16436.7	16655.7	17398.5	18141.3	18460.6	18780.0	18635.2	18490.5
65°	16477.2	16706.8	16936.4	17008.7	17081.1	17773.8	18467.4	18711.5	18956.5	18883.2	18809.9
67.5°	15420.8	16266.9	17113.9	16968.2	16822.6	17147.7	17472.8	17724.6	17976.3	17934.9	17892.4
70°	14366.4	15496.1	16625.8	15909.9	15193.2	15059.1	14925.0	15196.1	15468.1	15300.3	15131.4
72.5°	12571.1	13775.1	14980.0	13661.2	12342.5	11884.2	11426.0	11770.4	12114.8	11847.6	11579.4
75°	9868.0	11198.3	12529.6	10956.2	9382.7	8771.1	8159.5	8455.7	8751.8	8568.5	8384.3
77.5°	7346.2	8657.3	9968.3	8368.8	6768.4	6314.0	5858.7	5946.5	6035.2	6004.3	5972.5
80°	4982.7	5896.3	6810.8	5745.8	4680.8	4715.5	4751.2	4709.7	4667.3	4729.0	4790.7
82.5°	3179.7	3884.9	4591.0	4025.7	3460.4	3784.5	4108.7	3949.5	3789.4	3848.2	3908.0
85°	1814.6	2504.4	3195.1	2978.1	2760.0	2949.1	3139.2	2892.2	2645.2	2753.3	2862.3
87.5°	478.5	1385.3	2293.1	2081.8	1870.6	1625.5	1380.5	1053.5	726.4	1061.2	1395.9
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: P320832
 CATALOG NUMBER: GAN-SA8A-722-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°	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1	7351.1
2.5°	8299.4	8283.0	8224.1	8164.3	8075.6	8002.2	7874.9
5°	8895.6	8791.4	8611.9	8431.5	8230.9	8000.3	7744.7
7.5°	9106.8	8862.8	8518.4	8173.0	7862.4	7497.7	7158.1
10°	9017.1	8651.5	8203.9	7755.3	7378.1	6958.4	6581.2
12.5°	8845.4	8456.6	7963.7	7469.7	7040.4	6589.9	6167.4
15°	8609.0	8298.4	7836.3	7374.2	6942.0	6504.1	6003.4
17.5°	8350.5	8202.9	7869.1	7534.4	7160.1	6735.6	6148.1
20°	8142.1	8196.2	8063.0	7929.9	7629.9	7259.4	6599.6
22.5°	8001.3	8260.8	8363.0	8466.3	8285.9	7996.5	7233.4
25°	7922.2	8352.4	8694.9	9038.3	8958.3	8735.4	8003.2
27.5°	7956.9	8484.6	9016.2	9548.7	9623.0	9561.2	8814.5
30°	8061.1	8595.5	9242.9	9891.1	10187.3	10270.3	9490.8
32.5°	8234.7	8758.6	9463.8	10169.9	10617.6	10881.9	10109.2
35°	8497.1	8987.2	9722.3	10457.4	11036.2	11518.6	10747.8
37.5°	8947.7	9369.2	10047.4	10726.6	11477.1	12201.6	11451.1
40°	9607.5	9905.6	10478.6	11052.6	11997.1	12975.3	12235.4
42.5°	10440.1	10593.4	11047.8	11502.2	12540.2	13677.6	13002.3
45°	11342.1	11382.6	11668.1	11954.6	12970.5	14156.1	13578.3
47.5°	12210.3	12071.4	12185.2	12299.0	13300.4	14497.6	14015.3
50°	13103.6	12716.8	12657.0	12597.1	13630.3	14899.9	14570.9
52.5°	14012.4	13374.7	13138.3	12901.0	14023.9	15433.4	15262.6
55°	14901.8	14090.5	13772.2	13453.8	14625.9	16084.6	16278.5
57.5°	15827.0	14907.6	14612.4	14317.2	15510.6	16909.4	17190.1
60°	16822.6	15911.9	15675.5	15438.2	16610.3	17800.8	17596.3
62.5°	17767.0	17043.5	16919.0	16793.6	17722.6	18485.7	17438.0
65°	18397.9	17985.0	18100.8	18217.5	18563.9	18656.5	16975.0
67.5°	17976.3	18060.3	18549.4	19039.5	18801.2	18149.0	16062.4
70°	15634.0	16137.6	17296.2	18455.8	17927.1	16789.8	14424.3
72.5°	12144.7	12711.0	14431.1	16152.1	15664.9	14271.9	11847.6
75°	9022.9	9662.5	11561.0	13459.6	12783.3	10675.4	8482.7
77.5°	6400.8	6829.2	8703.6	10579.0	9476.3	7106.0	5708.2
80°	4659.5	4528.3	5573.1	6617.9	6434.6	4700.1	3665.9
82.5°	3587.7	3267.5	3759.5	4251.5	4224.5	3261.7	2689.6
85°	2734.0	2605.7	3040.8	3475.8	3103.5	2209.2	1709.5
87.5°	1593.7	1792.4	2304.7	2817.9	2114.6	670.5	331.9
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



REPORT NUMBER: P320832
 CATALOG NUMBER: GAN-SA8A-722-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)