

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: P320833

Luminaire Tested: **GAN-SA9A-722-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320833
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-SA9A-722-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 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: 26915 lumens
Efficiency: N/A
Efficacy: 92.8 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

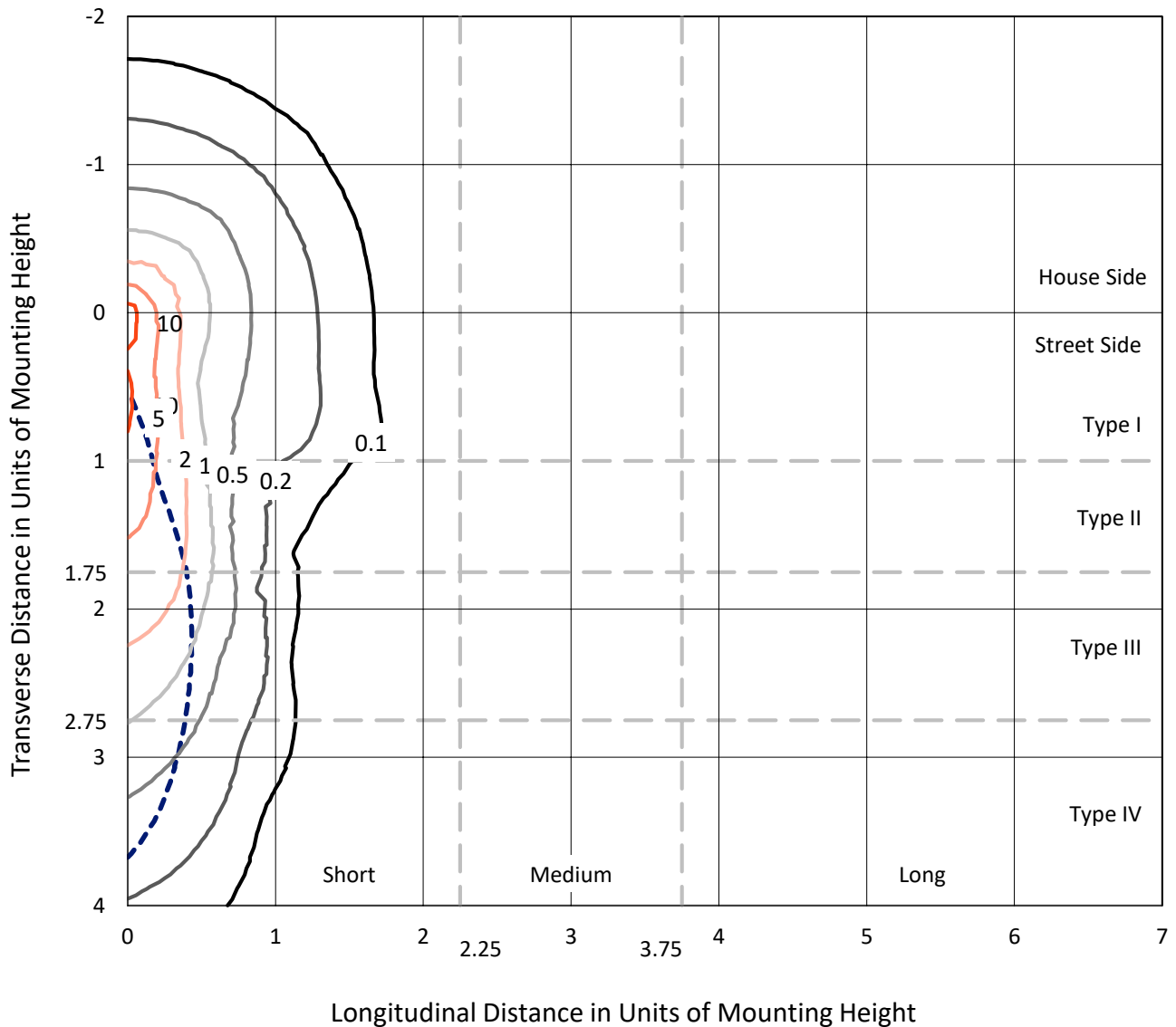
Input Watts (W): 290
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

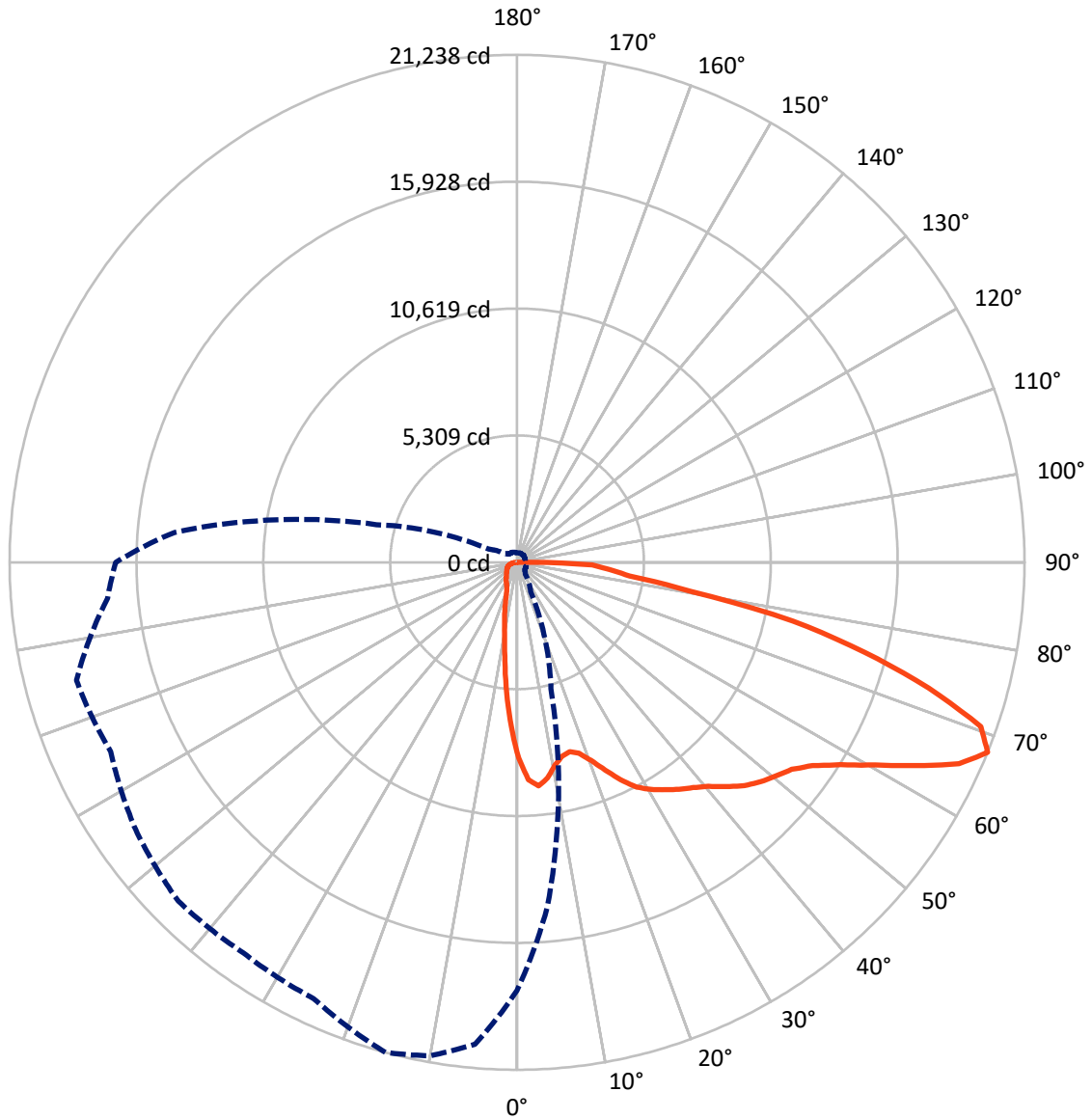
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.1 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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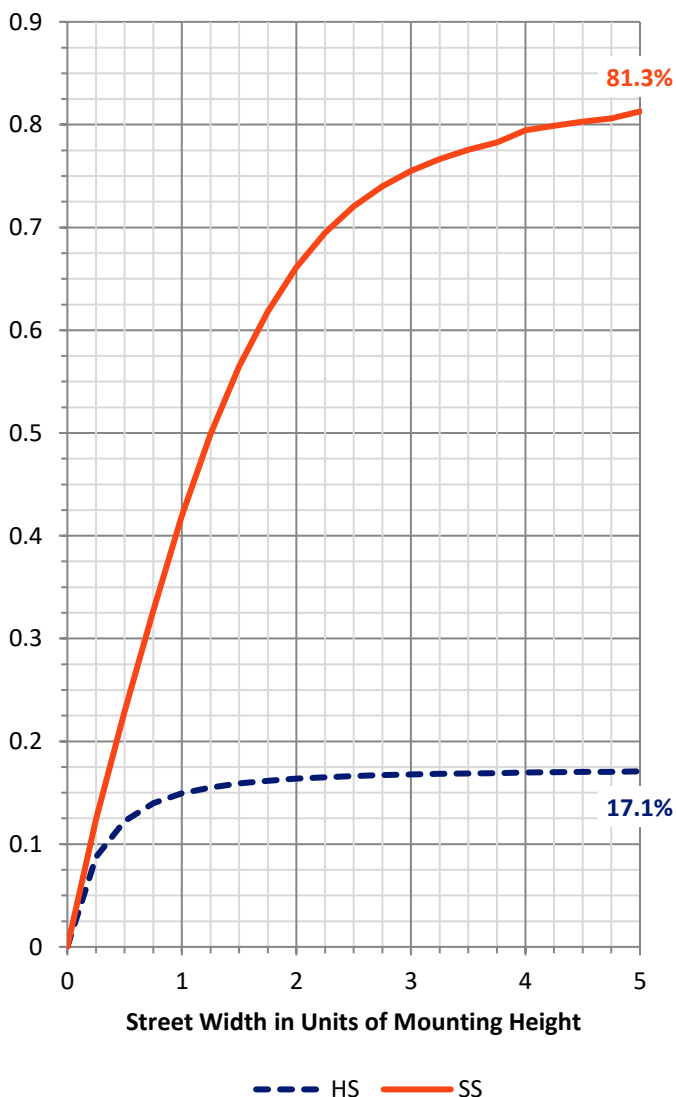
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4653.0	0.0	4653.0
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	22262.0	0.0	22262.0
	% Fixture	82.7	0.0	82.7
Total	Lumens	26915.0	0.0	26915.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	632.8	2.4
10°-20°	1314.7	4.9
20°-30°	1869.7	6.9
30°-40°	2694.3	10.0
40°-50°	3797.0	14.1
50°-60°	5278.5	19.6
60°-70°	6383.3	23.7
70°-80°	3923.7	14.6
80°-90°	1021.0	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°	26915.0	100.0
0°-180°	26915.0	100.0

Coefficient of Utilization

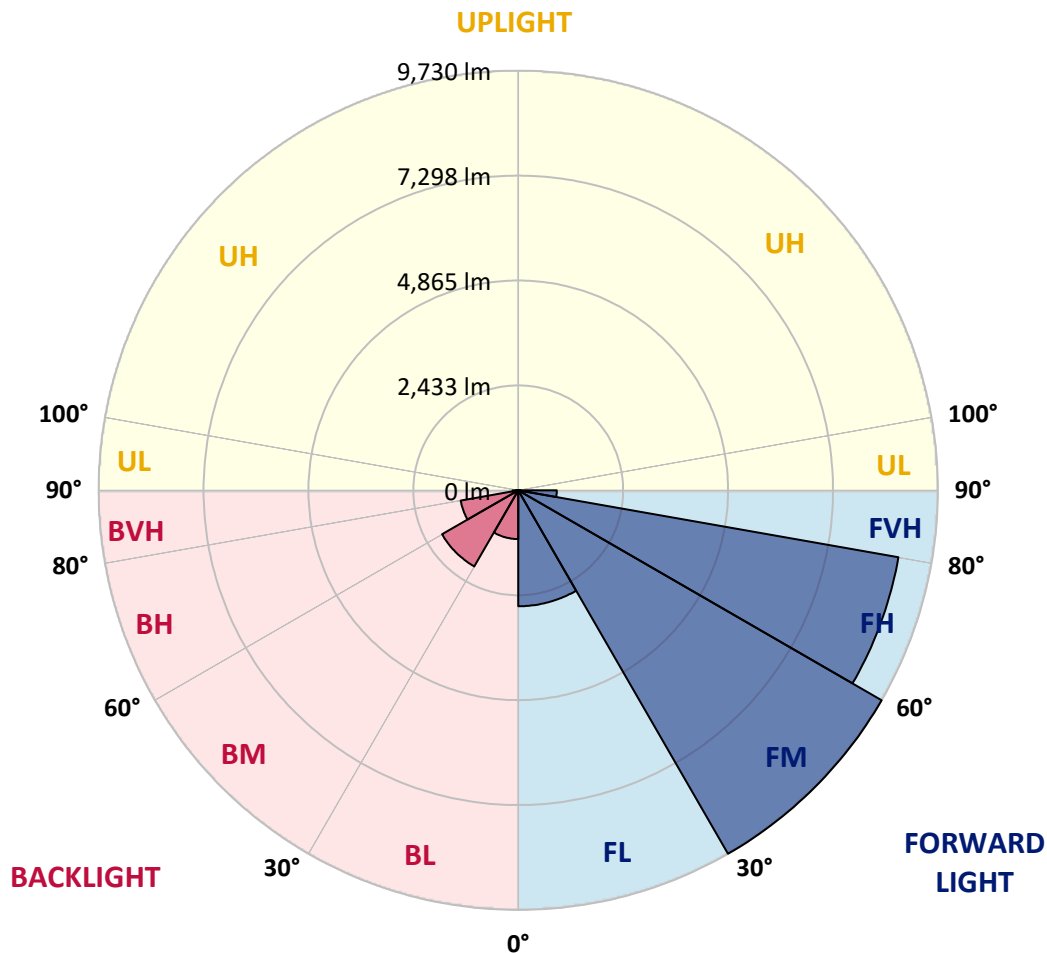


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2687.5	10.0			
FM (30°-60°)	9730.4	36.2			
FH (60°-80°)	8951.0	33.3			G4/12000
FVH (80°-90°)	893.0	3.3			G5
BL (0°-30°)	1129.7	4.2	B3/2500		
BM (30°-60°)	2039.4	7.6	B2/2500		
BH (60°-80°)	1356.0	5.0	B3/2500		G3/2500
BVH (80°-90°)	128.0	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°	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8
2.5°	8784.2	8706.7	8589.4	8472.1	8384.9	8296.7	8196.6	8096.5	7982.5	7867.3	7799.5
5°	8638.9	8423.7	8143.9	7864.1	7679.0	7493.9	7284.1	7074.2	6866.6	6658.9	6547.0
7.5°	7984.6	7661.8	7298.1	6934.4	6665.3	6395.2	6104.7	5813.1	5554.8	5295.5	5135.1
10°	7341.1	6953.7	6536.2	6117.6	5773.2	5428.9	5137.3	4844.6	4649.8	4455.0	4307.6
12.5°	6879.5	6450.1	5990.6	5530.1	5185.7	4841.3	4656.3	4471.2	4309.8	4148.3	3978.3
15°	6696.5	6211.2	5741.0	5269.6	4956.5	4643.3	4437.8	4231.2	4014.9	3797.5	3588.8
17.5°	6858.0	6289.8	5778.6	5267.5	4857.5	4447.5	4160.2	3871.8	3586.6	3301.5	3059.3
20°	7361.6	6636.3	5968.0	5298.7	4753.1	4207.5	3822.3	3436.0	3070.1	2704.2	2429.8
22.5°	8068.6	7108.7	6236.0	5363.3	4658.4	3952.5	3469.3	2985.1	2552.5	2119.9	1850.9
25°	8927.3	7735.0	6622.3	5508.5	4619.7	3729.7	3135.7	2541.7	2085.5	1628.1	1436.6
27.5°	9832.3	8481.8	7102.2	5721.6	4626.1	3530.7	2854.9	2178.0	1766.9	1355.9	1224.6
30°	10586.6	9335.1	7661.8	5987.4	4650.9	3314.4	2590.2	1865.9	1527.0	1188.0	1103.0
32.5°	11276.4	9930.2	8083.6	6236.0	4678.9	3120.7	2385.7	1649.7	1373.1	1095.5	1025.5
35°	11988.8	10458.6	8378.5	6297.3	4630.4	2962.5	2245.8	1529.1	1274.1	1018.0	958.8
37.5°	12773.2	11030.0	8662.6	6294.1	4548.7	2803.2	2137.1	1469.9	1209.5	948.0	905.0
40°	13648.1	11661.6	8970.3	6279.0	4474.4	2668.7	2056.4	1443.0	1174.0	903.9	867.3
42.5°	14503.6	12264.3	9256.6	6248.9	4414.1	2578.3	1976.8	1375.2	1141.7	907.1	855.5
45°	15146.0	12790.5	9505.1	6218.8	4368.9	2519.1	1914.4	1309.6	1111.6	913.6	848.0
47.5°	15633.5	13318.8	9780.6	6241.3	4364.6	2487.9	1870.3	1252.6	1054.6	855.5	828.6
50°	16253.3	13953.7	10182.0	6410.3	4423.8	2437.4	1818.6	1198.8	999.7	800.6	837.2
52.5°	17024.9	14859.8	10804.0	6747.1	4547.6	2348.0	1736.8	1125.6	933.0	739.3	796.3
55°	18158.0	16020.9	11599.2	7176.5	4697.2	2216.8	1613.1	1008.3	844.7	680.1	730.7
57.5°	19174.9	17193.8	12362.2	7529.4	4790.8	2051.0	1457.0	863.0	745.7	628.4	657.5
60°	19628.0	17798.6	12719.4	7639.2	4734.8	1830.4	1281.6	731.7	658.6	585.4	580.0
62.5°	19451.5	17414.4	12367.6	7320.7	4461.5	1602.3	1126.7	651.0	596.2	540.2	528.4
65°	18935.0	16207.1	11381.9	6556.6	3999.8	1443.0	1028.7	614.5	553.1	491.8	478.9
67.5°	17917.0	14488.5	9985.1	5481.6	3413.4	1345.1	972.8	600.5	526.2	450.9	435.8
70°	16089.8	12420.3	8376.3	4331.3	2808.6	1284.9	936.2	587.5	497.2	405.7	391.7
72.5°	13215.5	9958.2	6689.0	3418.8	2348.0	1277.3	931.9	586.5	473.5	360.5	347.6
75°	9462.1	7563.9	5106.1	2647.2	1923.0	1198.8	884.5	570.3	441.2	311.0	299.2
77.5°	6367.3	5235.2	3549.0	1861.6	1426.9	992.2	743.6	495.0	377.7	260.4	248.6
80°	4089.2	3623.2	2378.2	1133.1	925.4	717.8	531.6	345.4	275.5	204.5	194.8
82.5°	3000.2	2696.7	1652.9	609.1	514.4	418.6	325.0	231.4	188.3	145.3	141.0
85°	1906.8	2102.7	1217.1	331.4	271.2	210.9	174.3	137.7	108.7	79.6	79.6
87.5°	370.2	512.2	336.8	160.3	117.3	74.3	63.5	51.7	29.1	5.4	6.5
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



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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°	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8
2.5°	7730.7	7656.4	7582.2	7498.2	7413.2	7334.7	7255.0	7167.9	7184.0	7117.3	7050.6
5°	6435.0	6316.7	6197.2	6093.9	5990.6	5901.3	5810.9	5730.2	5800.2	5752.8	5705.5
7.5°	4973.7	4827.4	4679.9	4556.2	4432.4	4336.7	4239.8	4173.1	4242.0	4233.4	4224.7
10°	4160.2	4018.1	3875.0	3738.4	3601.7	3485.5	3368.2	3269.2	3252.0	3202.5	3151.9
12.5°	3807.2	3612.4	3416.6	3273.5	3130.4	2991.5	2852.7	2736.5	2683.8	2602.0	2519.1
15°	3380.0	3149.7	2919.4	2757.0	2593.4	2458.9	2323.3	2223.2	2189.9	2126.4	2062.9
17.5°	2817.2	2565.4	2313.6	2149.0	1983.2	1875.6	1766.9	1700.2	1700.2	1681.9	1663.6
20°	2155.4	1930.5	1705.6	1579.7	1453.8	1396.8	1338.7	1310.7	1319.3	1320.4	1320.4
22.5°	1580.8	1443.0	1305.3	1254.7	1203.1	1182.6	1162.2	1150.3	1154.6	1155.7	1156.8
25°	1245.0	1192.3	1138.5	1112.7	1085.8	1072.9	1060.0	1055.6	1065.3	1066.4	1066.4
27.5°	1093.3	1061.0	1027.7	1011.5	994.3	988.9	983.6	976.0	985.7	985.7	984.6
30°	1016.9	982.5	948.0	927.6	907.1	909.3	910.4	908.2	914.7	919.0	922.2
32.5°	954.5	921.1	887.8	867.3	845.8	842.6	839.4	837.2	851.2	858.7	866.3
35°	898.5	862.0	825.4	806.0	786.6	779.1	771.6	766.2	779.1	788.8	798.5
37.5°	860.9	823.2	784.5	766.2	746.8	737.1	727.4	721.0	726.4	730.7	735.0
40°	830.7	792.0	752.2	730.7	709.1	699.5	689.8	684.4	687.6	688.7	689.8
42.5°	802.8	765.1	727.4	703.8	679.0	667.2	655.3	648.9	651.0	653.2	654.3
45°	782.3	744.7	705.9	677.9	648.9	636.0	623.1	615.5	616.6	616.6	616.6
47.5°	801.7	746.8	690.9	658.6	625.2	610.1	595.1	587.5	585.4	583.2	581.1
50°	872.7	779.1	684.4	643.5	601.5	585.4	568.2	559.6	554.2	552.0	549.9
52.5°	852.3	771.6	689.8	637.0	583.2	563.9	544.5	530.5	525.1	521.9	518.7
55°	780.2	729.6	677.9	614.5	551.0	533.7	515.4	505.8	496.1	493.9	491.8
57.5°	685.5	665.0	644.6	580.0	515.4	499.3	482.1	475.6	467.0	467.0	465.9
60°	573.6	603.7	633.8	559.6	484.2	465.9	447.7	442.3	439.0	438.0	436.9
62.5°	515.4	564.9	613.4	534.8	455.2	435.8	416.4	410.0	408.9	410.0	410.0
65°	465.9	481.0	496.1	459.5	422.9	403.5	383.1	376.6	378.8	382.0	385.2
67.5°	420.8	417.5	414.3	401.4	387.4	371.3	354.0	347.6	348.7	353.0	357.3
70°	377.7	373.4	368.0	358.3	348.7	334.7	320.7	316.4	315.3	320.7	325.0
72.5°	334.7	329.3	322.8	315.3	306.7	294.8	283.0	279.8	280.9	284.1	287.3
75°	287.3	283.0	277.6	271.2	263.6	252.9	242.1	240.0	242.1	245.3	248.6
77.5°	235.7	234.6	232.4	227.1	221.7	209.8	196.9	195.8	199.1	202.3	204.5
80°	184.0	185.1	186.2	181.9	177.6	164.6	150.7	149.6	152.8	156.0	159.3
82.5°	135.6	138.8	141.0	135.6	130.2	115.1	100.1	97.9	108.7	111.9	115.1
85°	78.6	82.9	87.2	82.9	78.6	63.5	48.4	47.3	57.0	62.4	67.8
87.5°	6.5	8.6	10.8	9.7	8.6	4.3	0.0	0.0	1.1	5.4	9.7
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: P320833
 CATALOG NUMBER: GAN-SA9A-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: P320833

CATALOG NUMBER: GAN-SA9A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8
2.5°	7008.6	6966.6	6953.7	6940.8	6893.5	6845.0	6894.5	6943.0	6963.4	6983.9	6931.1
5°	5699.0	5691.5	5691.5	5690.4	5647.3	5603.2	5636.6	5668.9	5596.8	5524.7	5517.1
7.5°	4271.0	4317.3	4355.0	4391.5	4377.6	4363.6	4394.8	4426.0	4334.5	4242.0	4196.8
10°	3162.6	3172.3	3213.2	3254.1	3263.8	3272.4	3311.1	3348.8	3277.8	3206.8	3175.6
12.5°	2467.5	2415.8	2421.2	2425.5	2444.9	2463.2	2504.1	2543.9	2514.8	2484.7	2487.9
15°	1998.3	1932.7	1905.8	1877.8	1899.3	1920.8	1949.9	1977.9	1978.9	1978.9	2006.9
17.5°	1631.4	1598.0	1571.1	1543.1	1572.2	1600.2	1603.4	1606.6	1607.7	1608.8	1606.6
20°	1336.5	1352.7	1344.0	1335.4	1346.2	1355.9	1364.5	1372.0	1362.3	1351.6	1324.7
22.5°	1171.9	1185.9	1196.6	1206.3	1224.6	1241.8	1233.2	1223.5	1204.1	1183.7	1163.3
25°	1076.1	1085.8	1096.5	1107.3	1122.4	1136.4	1121.3	1106.2	1092.2	1078.2	1064.3
27.5°	995.4	1005.1	1014.8	1023.4	1037.4	1050.3	1036.3	1022.3	1010.5	998.6	987.9
30°	929.7	936.2	943.7	951.3	964.2	976.0	964.2	951.3	942.7	933.0	925.4
32.5°	873.8	880.2	883.5	886.7	898.5	910.4	901.8	893.2	885.6	878.1	872.7
35°	812.5	825.4	827.5	829.7	841.5	853.3	848.0	841.5	832.9	824.3	814.6
37.5°	750.0	765.1	773.7	781.2	793.1	804.9	799.5	794.2	782.3	770.5	753.3
40°	697.3	703.8	719.9	735.0	754.3	772.6	761.9	750.0	731.7	713.5	704.8
42.5°	653.2	652.1	667.2	682.2	711.3	739.3	719.9	700.5	683.3	666.1	664.0
45°	614.5	611.2	618.8	626.3	657.5	687.6	668.3	647.8	638.1	628.4	628.4
47.5°	580.0	577.9	583.2	587.5	606.9	625.2	615.5	605.8	600.5	595.1	596.2
50°	548.8	546.7	552.0	556.3	563.9	570.3	572.5	573.6	570.3	567.1	569.3
52.5°	519.8	519.8	521.9	523.0	532.7	542.4	542.4	541.3	541.3	541.3	543.4
55°	495.0	497.2	497.2	497.2	512.2	526.2	521.9	517.6	518.7	518.7	520.8
57.5°	470.3	473.5	475.6	477.8	492.9	507.9	503.6	499.3	499.3	499.3	500.4
60°	442.3	446.6	450.9	455.2	470.3	485.3	481.0	475.6	476.7	477.8	478.9
62.5°	415.4	419.7	424.0	428.3	443.4	458.4	454.1	448.7	452.0	454.1	454.1
65°	389.5	392.8	397.1	401.4	415.4	429.4	425.1	420.8	425.1	428.3	430.4
67.5°	360.5	362.6	366.9	371.3	385.2	399.2	394.9	389.5	394.9	399.2	403.5
70°	327.1	329.3	334.7	339.0	353.0	366.9	361.6	356.2	361.6	366.9	371.3
72.5°	290.5	292.7	298.1	302.4	318.5	334.7	328.2	321.8	328.2	334.7	336.8
75°	250.7	252.9	259.3	264.7	280.9	297.0	291.6	285.2	290.5	295.9	297.0
77.5°	207.7	210.9	219.5	228.1	241.0	254.0	250.7	247.5	250.7	254.0	254.0
80°	162.5	165.7	176.5	186.2	193.7	201.2	202.3	203.4	204.5	205.5	204.5
82.5°	120.5	124.8	134.5	144.2	144.2	144.2	152.8	160.3	160.3	159.3	158.2
85°	74.3	79.6	88.2	96.8	91.5	86.1	100.1	113.0	113.0	111.9	109.8
87.5°	15.1	20.4	29.1	36.6	31.2	25.8	39.8	53.8	54.9	54.9	52.7
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: P320833
 CATALOG NUMBER: GAN-SA9A-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: P320833
 CATALOG NUMBER: GAN-SA9A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8
2.5°	6877.3	6961.3	7044.1	7065.6	7097.9	7111.9	7124.8	7230.3	7334.7	7457.3	7580.0
5°	5508.5	5570.9	5633.4	5643.0	5676.4	5693.6	5710.8	5838.9	5965.9	6137.0	6308.1
7.5°	4151.6	4166.6	4181.7	4179.6	4207.5	4245.2	4281.8	4418.4	4554.0	4738.0	4921.0
10°	3144.3	3178.8	3212.1	3243.3	3304.7	3375.7	3445.7	3585.5	3725.4	3907.3	4088.1
12.5°	2491.2	2531.0	2569.7	2604.1	2675.2	2769.9	2863.5	3031.4	3199.2	3416.6	3632.9
15°	2033.8	2030.6	2027.4	2051.0	2113.4	2216.8	2319.0	2496.5	2674.1	2913.0	3150.8
17.5°	1604.5	1588.3	1572.2	1590.5	1648.6	1733.6	1817.5	1968.2	2117.8	2349.1	2580.5
20°	1297.8	1287.0	1276.2	1293.5	1330.1	1365.6	1401.1	1509.8	1617.4	1805.7	1992.9
22.5°	1141.7	1140.7	1138.5	1148.2	1165.4	1183.7	1200.9	1253.7	1305.3	1426.9	1547.4
25°	1050.3	1049.2	1048.1	1052.4	1066.4	1080.4	1094.4	1128.8	1163.3	1221.4	1279.5
27.5°	977.1	974.9	972.8	973.9	977.1	998.6	1019.1	1035.2	1050.3	1090.1	1128.8
30°	917.9	916.8	915.8	915.8	912.5	920.1	927.6	952.3	976.0	1016.9	1057.8
32.5°	867.3	862.0	856.6	844.7	837.2	848.0	858.7	884.5	910.4	948.0	985.7
35°	803.8	789.9	774.8	768.3	769.4	780.2	790.9	816.8	841.5	882.4	922.2
37.5°	735.0	730.7	725.3	724.2	727.4	738.2	749.0	771.6	793.1	834.0	873.8
40°	696.2	694.1	691.9	689.8	691.9	702.7	713.5	735.0	755.4	795.2	834.0
42.5°	661.8	660.7	659.6	659.6	660.7	672.6	684.4	705.9	726.4	761.9	797.4
45°	628.4	629.5	629.5	631.7	634.9	646.7	657.5	681.2	704.8	739.3	773.7
47.5°	597.2	600.5	602.6	608.0	611.2	624.1	636.0	661.8	687.6	730.7	772.6
50°	570.3	573.6	575.7	580.0	588.6	603.7	618.8	650.0	680.1	752.2	823.2
52.5°	545.6	548.8	552.0	556.3	567.1	584.3	601.5	640.3	677.9	761.9	845.8
55°	523.0	526.2	528.4	534.8	545.6	560.6	574.6	622.0	669.3	730.7	792.0
57.5°	501.5	504.7	506.8	511.1	516.5	532.7	547.7	598.3	648.9	691.9	733.9
60°	478.9	481.0	482.1	482.1	486.4	504.7	523.0	587.5	651.0	643.5	634.9
62.5°	454.1	456.3	457.3	454.1	459.5	478.9	498.2	582.2	666.1	614.5	562.8
65°	431.5	430.4	429.4	426.1	432.6	452.0	470.3	512.2	554.2	533.7	513.3
67.5°	406.8	403.5	400.3	396.0	402.5	419.7	435.8	449.8	463.8	465.9	468.1
70°	375.6	371.3	366.9	365.9	369.1	383.1	397.1	406.8	415.4	419.7	422.9
72.5°	339.0	335.7	332.5	330.4	331.4	343.3	354.0	362.6	371.3	374.5	376.6
75°	298.1	298.1	297.0	290.5	290.5	300.2	308.8	316.4	323.9	328.2	332.5
77.5°	254.0	255.0	255.0	246.4	245.3	255.0	263.6	270.1	275.5	279.8	283.0
80°	203.4	201.2	199.1	193.7	191.5	203.4	214.1	219.5	223.8	224.9	224.9
82.5°	156.0	151.7	146.3	134.5	135.6	148.5	160.3	164.6	168.9	168.9	168.9
85°	106.5	97.9	88.2	78.6	79.6	93.6	106.5	110.8	115.1	117.3	118.4
87.5°	50.6	42.0	32.3	24.8	24.8	36.6	47.3	49.5	51.7	56.0	60.3
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: P320833
 CATALOG NUMBER: GAN-SA9A-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: P320833

CATALOG NUMBER: GAN-SA9A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8
2.5°	7673.6	7766.2	7861.9	7957.7	8067.5	8177.2	8305.3	8432.3	8541.0	8649.6	8740.0
5°	6455.5	6602.9	6776.2	6949.4	7170.0	7390.6	7660.7	7929.7	8169.7	8409.7	8688.4
7.5°	5113.6	5305.1	5531.1	5757.1	6042.3	6327.4	6677.2	7026.9	7365.9	7703.8	8132.0
10°	4289.3	4490.5	4713.3	4935.0	5225.5	5515.0	5885.2	6254.3	6635.2	7015.1	7499.3
12.5°	3856.7	4079.5	4275.3	4471.2	4706.8	4941.4	5299.8	5658.1	6105.8	6552.3	7018.3
15°	3395.1	3638.3	3872.9	4107.5	4364.6	4620.8	4969.4	5318.1	5807.7	6297.3	6833.2
17.5°	2836.6	3092.7	3378.9	3664.1	3999.8	4334.5	4781.1	5227.7	5807.7	6386.6	7018.3
20°	2254.4	2515.9	2858.1	3200.3	3617.8	4034.3	4613.2	5192.2	5973.4	6753.6	7559.6
22.5°	1778.8	2009.1	2382.5	2754.8	3236.9	3719.0	4461.5	5202.9	6224.1	7244.3	8332.2
25°	1442.0	1604.5	1971.4	2337.3	2893.6	3450.0	4368.9	5286.9	6588.9	7889.9	9239.3
27.5°	1235.4	1341.9	1684.1	2025.2	2633.2	3240.1	4331.3	5421.4	7051.6	8681.9	10226.1
30°	1132.1	1206.3	1495.8	1784.2	2401.8	3019.5	4286.1	5552.6	7497.2	9440.6	10997.7
32.5°	1046.0	1105.1	1352.7	1599.1	2201.7	2804.3	4198.9	5592.5	7808.1	10023.8	11650.9
35°	972.8	1022.3	1237.5	1452.7	2044.6	2636.4	4052.6	5468.7	8002.9	10537.1	12331.0
37.5°	913.6	952.3	1151.4	1350.5	1909.0	2467.5	3885.8	5304.1	8176.2	11048.3	13096.1
40°	867.3	900.7	1086.9	1273.0	1779.9	2286.7	3742.7	5197.5	8415.1	11632.6	13904.2
42.5°	841.5	884.5	1030.9	1176.2	1657.2	2138.2	3627.5	5116.8	8636.7	12155.6	14611.2
45°	835.0	896.4	1001.8	1107.3	1565.7	2024.1	3525.3	5025.4	8779.9	12534.4	15143.9
47.5°	824.3	874.9	979.2	1083.6	1520.5	1956.3	3470.4	4983.4	8923.0	12861.5	15586.2
50°	830.7	837.2	961.0	1083.6	1514.1	1944.5	3532.8	5121.1	9232.9	13343.6	16091.9
52.5°	818.9	790.9	926.5	1062.1	1513.0	1963.9	3712.5	5461.2	9808.6	14154.9	16639.7
55°	756.5	719.9	862.0	1004.0	1490.4	1975.7	3926.7	5876.6	10581.2	15284.8	17624.3
57.5°	701.6	668.3	788.8	908.2	1421.5	1934.8	4147.3	6358.6	11398.0	16436.3	18733.7
60°	628.4	620.9	707.0	793.1	1315.0	1835.8	4329.1	6821.4	11946.8	17071.2	19160.9
62.5°	568.2	572.5	636.0	699.5	1181.6	1662.6	4389.4	7115.1	11931.7	16748.3	18730.5
65°	521.9	529.4	591.9	654.3	1067.5	1480.7	4191.4	6901.0	11328.0	15754.0	17879.3
67.5°	476.7	485.3	559.6	632.7	966.3	1298.8	3696.4	6092.8	10242.3	14390.6	16796.8
70°	433.7	444.4	525.1	605.8	893.2	1179.4	3058.3	4937.1	8883.2	12828.1	15543.1
72.5°	387.4	398.2	484.2	570.3	846.9	1122.4	2493.3	3863.2	7208.8	10553.3	13295.1
75°	340.0	347.6	441.2	533.7	783.4	1033.1	1956.3	2878.6	5517.1	8155.7	10042.1
77.5°	292.7	302.4	380.9	458.4	665.0	870.6	1474.2	2077.9	4048.3	6017.5	6983.9
80°	233.5	242.1	298.1	353.0	513.3	672.6	1013.7	1354.8	2786.0	4217.2	4761.7
82.5°	178.6	188.3	226.0	262.6	365.9	469.2	614.5	759.7	1850.9	2941.0	2986.2
85°	122.7	125.9	152.8	178.6	226.0	273.3	351.9	430.4	1224.6	2018.8	1681.9
87.5°	61.3	61.3	79.6	97.9	121.6	145.3	186.2	226.0	391.7	557.4	320.7
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: P320833
 CATALOG NUMBER: GAN-SA9A-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: P320833

CATALOG NUMBER: GAN-SA9A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8
2.5°	8855.2	8933.7	9013.4	9073.6	9135.0	9223.2	9311.4	9327.6	9344.8	9310.4	9275.9
5°	8969.2	9207.1	9446.0	9666.6	9887.2	10019.5	10151.9	10178.8	10205.7	10122.8	10038.9
7.5°	8546.3	8960.6	9374.9	9754.8	10134.7	10364.9	10596.3	10648.0	10700.7	10565.1	10429.5
10°	7981.4	8490.4	8999.4	9499.8	10000.1	10334.8	10669.5	10736.2	10802.9	10634.0	10465.0
12.5°	7544.5	8087.9	8631.4	9158.6	9687.0	10033.5	10380.0	10462.9	10545.7	10423.1	10299.3
15°	7410.0	7921.1	8432.3	8891.8	9352.3	9635.4	9919.4	9952.8	9987.2	9967.9	9948.5
17.5°	7654.3	8115.9	8578.6	8828.3	9079.0	9192.0	9306.1	9342.7	9380.3	9428.7	9478.2
20°	8246.1	8571.1	8897.2	8886.4	8874.6	8819.7	8763.7	8754.0	8744.3	8883.2	9023.1
22.5°	9129.6	9258.7	9388.9	9086.5	8784.2	8600.1	8415.1	8378.5	8340.8	8488.2	8636.7
25°	10088.4	10064.7	10040.0	9464.3	8887.5	8536.7	8185.9	8145.0	8104.1	8230.0	8357.0
27.5°	11037.5	10882.5	10727.6	9945.3	9162.9	8654.0	8145.0	8104.1	8063.2	8175.1	8287.0
30°	11733.7	11485.2	11236.6	10351.0	9465.3	8860.6	8255.8	8189.1	8121.3	8259.0	8396.8
32.5°	12277.2	11943.6	11610.0	10680.2	9750.5	9096.2	8442.0	8337.6	8233.2	8417.2	8601.2
35°	12819.5	12350.3	11880.1	10974.0	10066.9	9374.9	8681.9	8553.9	8425.8	8678.7	8931.6
37.5°	13501.8	12828.1	12153.4	11304.4	10455.3	9792.5	9128.5	8997.2	8865.9	9187.7	9510.5
40°	14242.1	13343.6	12445.0	11665.9	10886.8	10370.3	9852.7	9727.9	9602.0	9993.7	10385.4
42.5°	14857.6	13823.5	12789.4	12101.8	11413.1	11049.3	10684.5	10683.5	10681.3	11078.4	11475.5
45°	15358.0	14223.8	13088.5	12526.8	11964.0	11774.6	11585.2	11737.0	11888.7	12247.0	12606.4
47.5°	15731.4	14559.6	13386.6	13013.2	12639.8	12667.8	12695.8	13004.6	13313.4	13543.7	13775.1
50°	15974.6	14864.1	13752.5	13637.3	13522.2	13772.9	14024.7	14378.8	14733.9	14891.0	15048.1
52.5°	16328.7	15277.3	14224.9	14354.0	14483.2	14995.4	15507.6	15865.9	16224.3	16282.4	16341.6
55°	17147.6	16037.0	14925.4	15172.9	15421.5	16172.6	16924.8	17204.6	17484.4	17505.9	17527.4
57.5°	18310.8	17101.3	15891.8	16158.6	16425.5	17292.8	18161.2	18462.6	18764.9	18723.0	18679.9
60°	19181.4	18111.7	17041.0	17310.1	17579.1	18424.9	19270.7	19617.2	19964.8	19872.2	19779.7
62.5°	19235.2	18663.8	18091.3	18334.5	18578.8	19407.4	20236.0	20592.1	20948.3	20786.9	20625.5
65°	18379.7	18635.8	18891.9	18972.6	19053.3	19826.0	20599.7	20871.9	21145.3	21063.5	20981.7
67.5°	17201.4	18145.1	19089.9	18927.4	18764.9	19127.6	19490.2	19771.1	20051.9	20005.7	19958.3
70°	16025.2	17285.3	18545.4	17747.0	16947.4	16797.8	16648.3	16950.6	17254.1	17066.9	16878.5
72.5°	14022.6	15365.6	16709.6	15238.6	13767.6	13256.4	12745.3	13129.4	13513.6	13215.5	12916.4
75°	11007.4	12491.3	13976.3	12221.2	10466.1	9783.9	9101.6	9432.0	9762.3	9557.9	9352.3
77.5°	8194.5	9656.9	11119.3	9335.1	7549.9	7043.0	6535.1	6633.0	6732.0	6697.6	6662.1
80°	5558.0	6577.1	7597.2	6409.2	5221.2	5260.0	5299.8	5253.5	5206.1	5275.0	5343.9
82.5°	3546.8	4333.4	5121.1	4490.5	3860.0	4221.5	4583.1	4405.5	4226.9	4292.5	4359.3
85°	2024.1	2793.5	3564.0	3321.9	3078.7	3289.6	3501.6	3226.1	2950.7	3071.2	3192.8
87.5°	533.7	1545.3	2557.9	2322.2	2086.5	1813.2	1539.9	1175.1	810.3	1183.7	1557.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320833
 CATALOG NUMBER: GAN-SA9A-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°	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8	8199.8
2.5°	9257.6	9239.3	9173.7	9107.0	9008.0	8926.2	8784.2
5°	9922.7	9806.5	9606.3	9405.1	9181.2	8924.1	8638.9
7.5°	10158.3	9886.1	9501.9	9116.7	8770.2	8363.4	7984.6
10°	10058.3	9650.4	9151.1	8650.7	8230.0	7761.9	7341.1
12.5°	9866.7	9433.0	8883.2	8332.2	7853.3	7350.8	6879.5
15°	9603.1	9256.6	8741.1	8225.7	7743.6	7255.0	6696.5
17.5°	9314.7	9150.0	8777.7	8404.3	7986.8	7513.3	6858.0
20°	9082.2	9142.5	8994.0	8845.5	8510.8	8097.6	7361.6
22.5°	8925.1	9214.6	9328.7	9443.8	9242.6	8919.7	8068.6
25°	8836.9	9316.8	9698.8	10081.9	9992.6	9744.0	8927.3
27.5°	8875.6	9464.3	10057.2	10651.2	10734.0	10665.2	9832.3
30°	8991.8	9588.0	10310.1	11033.2	11363.6	11456.1	10586.6
32.5°	9185.5	9769.9	10556.5	11344.2	11843.5	12138.3	11276.4
35°	9478.2	10024.9	10844.9	11664.9	12310.5	12848.6	11988.8
37.5°	9980.8	10451.0	11207.5	11965.1	12802.3	13610.4	12773.2
40°	10716.8	11049.3	11688.5	12328.8	13382.3	14473.5	13648.1
42.5°	11645.5	11816.6	12323.4	12830.3	13988.2	15256.9	14503.6
45°	12651.6	12696.8	13015.4	13335.0	14468.1	15790.6	15146.0
47.5°	13620.1	13465.2	13592.2	13719.1	14836.1	16171.6	15633.5
50°	14616.6	14185.1	14118.4	14051.6	15204.1	16620.3	16253.3
52.5°	15630.3	14919.0	14655.3	14390.6	15643.2	17215.4	17024.9
55°	16622.4	15717.4	15362.3	15007.2	16314.7	17941.7	18158.0
57.5°	17654.4	16628.9	16299.6	15970.3	17301.4	18861.8	19174.9
60°	18764.9	17749.1	17485.5	17220.7	18528.2	19856.1	19628.0
62.5°	19818.4	19011.4	18872.5	18732.7	19768.9	20620.1	19451.5
65°	20522.2	20061.6	20190.8	20321.0	20707.3	20810.6	18935.0
67.5°	20051.9	20145.6	20691.1	21237.8	20972.0	20244.6	17917.0
70°	17439.2	18000.9	19293.3	20586.8	19997.1	18728.4	16089.8
72.5°	13547.0	14178.6	16097.3	18017.1	17473.6	15919.7	13215.5
75°	10064.7	10778.2	12895.9	15013.7	14259.3	11908.1	9462.1
77.5°	7139.9	7617.7	9708.5	11800.5	10570.5	7926.5	6367.3
80°	5197.5	5051.2	6216.6	7382.0	7177.6	5242.7	4089.2
82.5°	4002.0	3644.7	4193.5	4742.3	4712.2	3638.3	3000.2
85°	3049.7	2906.5	3391.9	3877.2	3461.8	2464.3	1906.8
87.5°	1777.7	1999.4	2570.8	3143.3	2358.8	747.9	370.2
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: P320833
 CATALOG NUMBER: GAN-SA9A-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)