

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: P320773

Luminaire Tested: **GAN-SA9C-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320773
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-SA9C-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 2700K, 1050mA 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: 40850 lumens
Efficiency: N/A
Efficacy: 81.5 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): 501
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



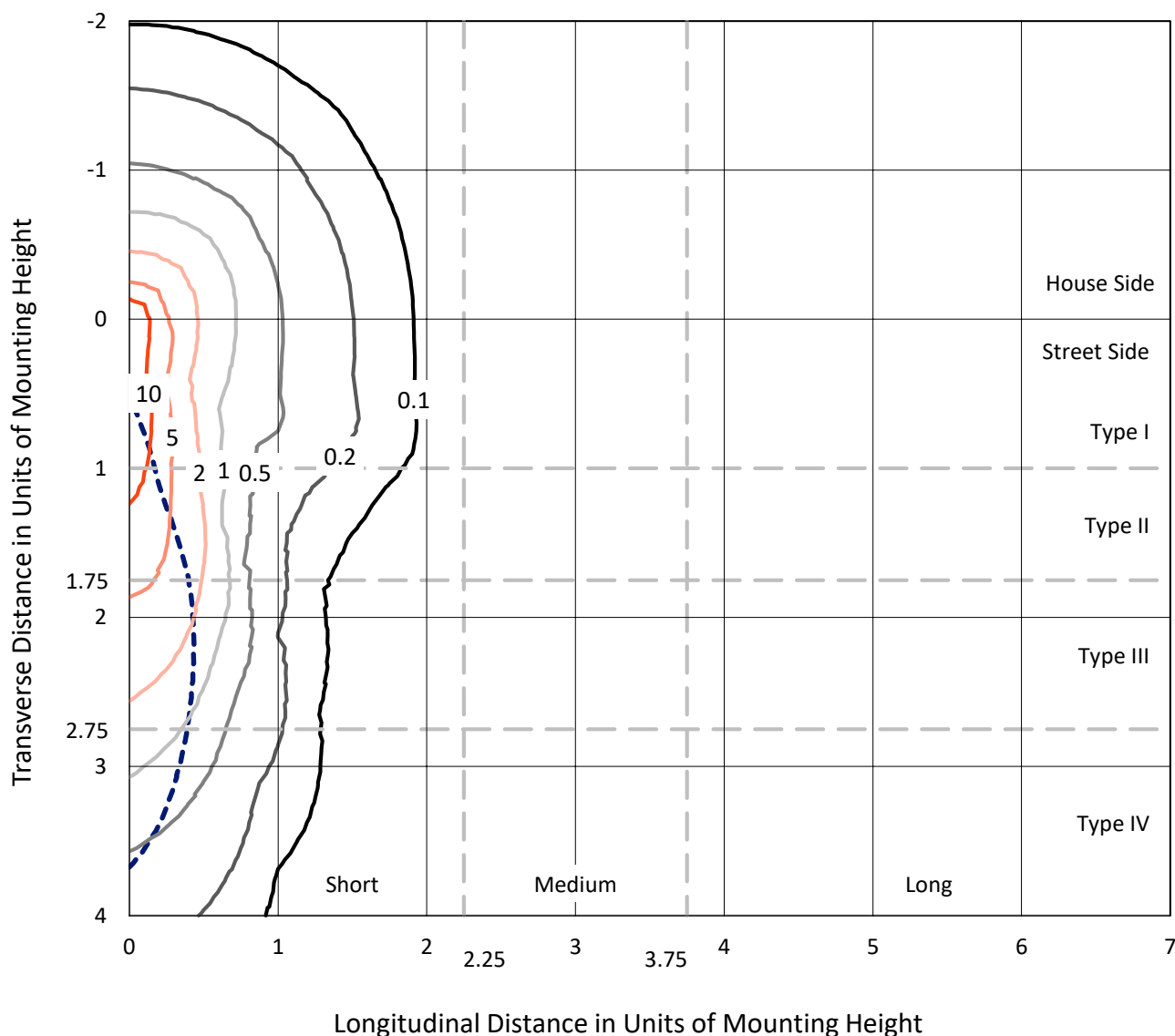
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

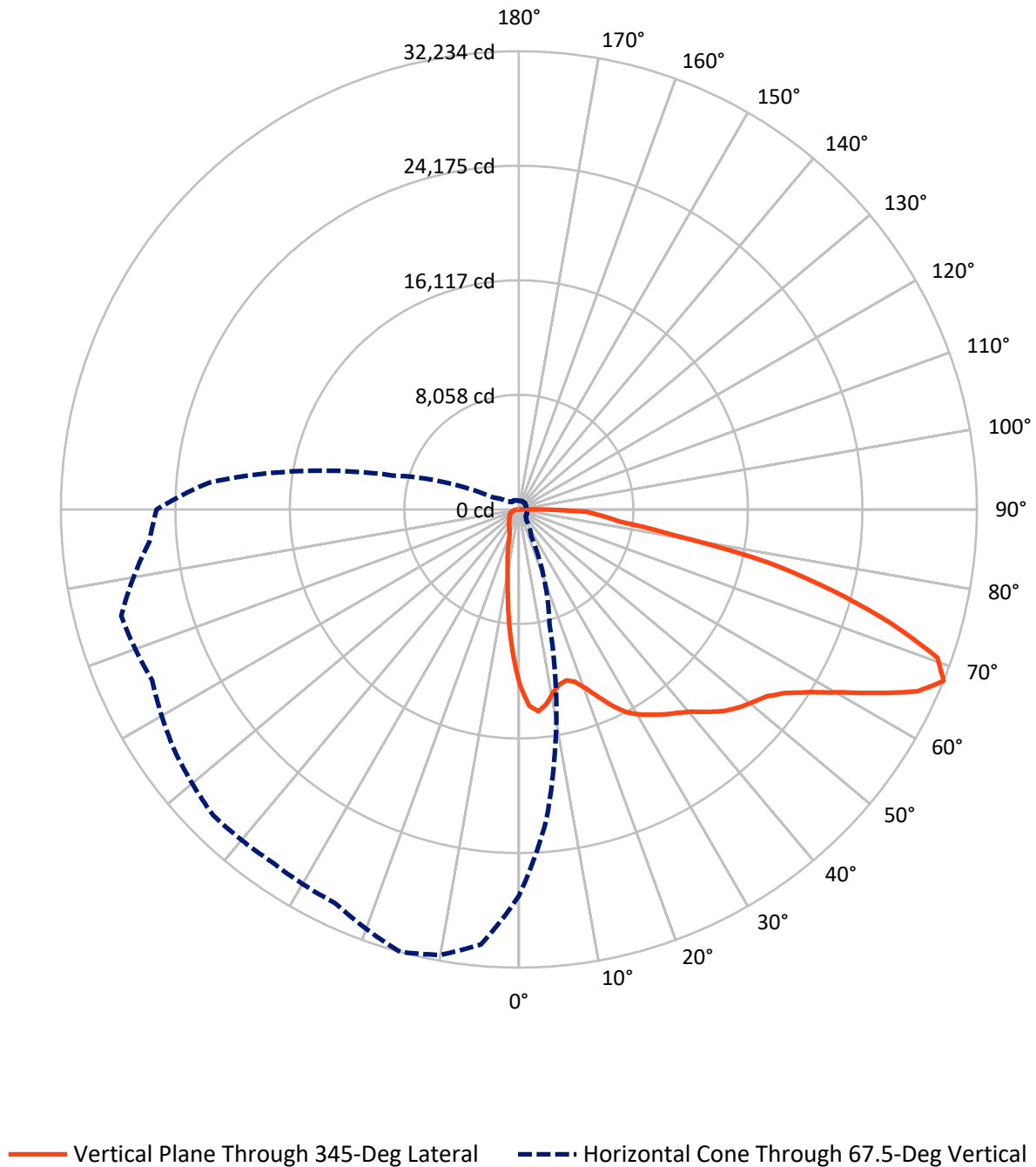
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.9 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	7062.1	0.0	7062.1
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	33787.9	0.0	33787.9
	% Fixture	82.7	0.0	82.7
Total	Lumens	40850.0	0.0	40850.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	960.5	2.4
10°-20°	1995.3	4.9
20°-30°	2837.8	6.9
30°-40°	4089.2	10.0
40°-50°	5762.9	14.1
50°-60°	8011.4	19.6
60°-70°	9688.2	23.7
70°-80°	5955.1	14.6
80°-90°	1549.6	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°	40850.0	100.0
0°-180°	40850.0	100.0

Coefficient of Utilization



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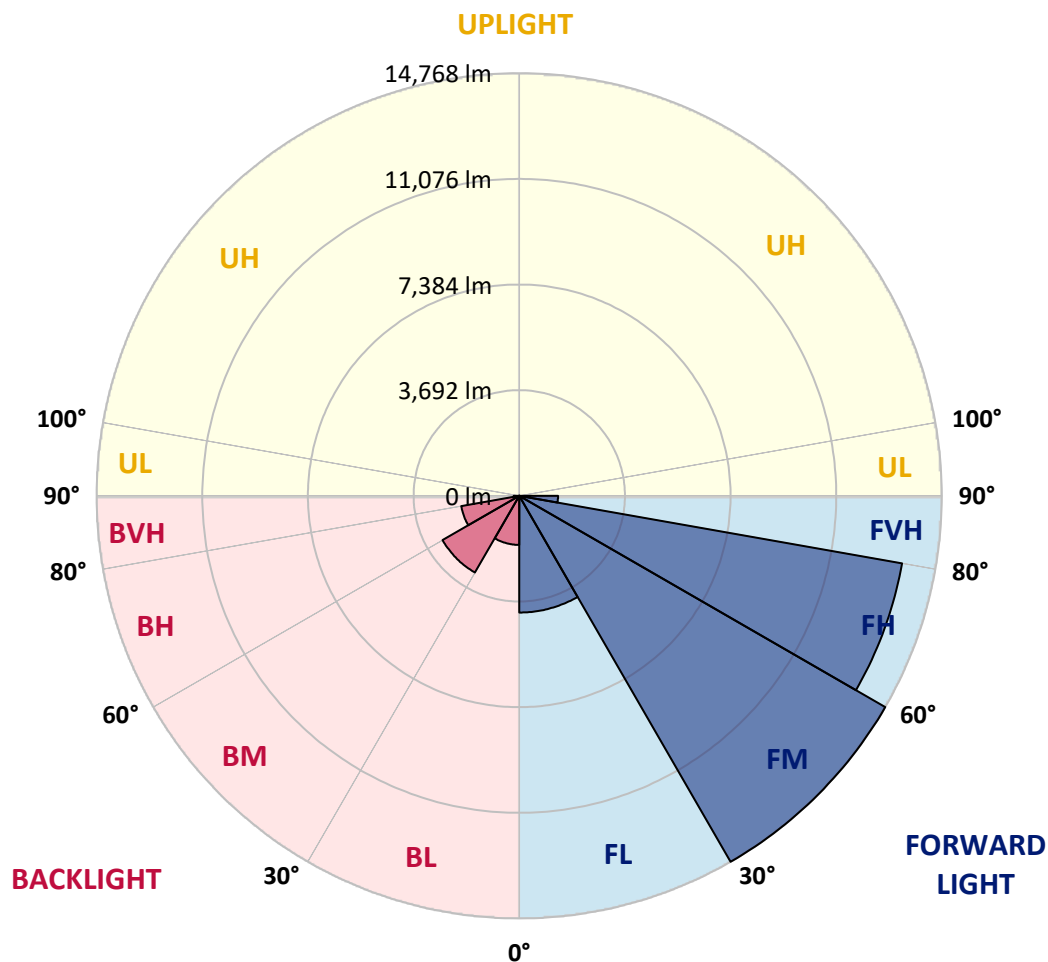
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4079.0	10.0			
FM	(30°-60°)	14768.3	36.2			
FH	(60°-80°)	13585.3	33.3			G5
FVH	(80°-90°)	1355.3	3.3			G5
BL	(0°-30°)	1714.6	4.2	B3/2500		
BM	(30°-60°)	3095.2	7.6	B3/5000		
BH	(60°-80°)	2058.0	5.0	B3/2500		G3/2500
BVH	(80°-90°)	194.3	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2
2.5°	13332.1	13214.5	13036.5	12858.4	12726.2	12592.2	12440.3	12288.4	12115.3	11940.6	11837.7
5°	13111.6	12784.9	12360.3	11935.7	11654.8	11373.8	11055.4	10736.9	10421.7	10106.4	9936.6
7.5°	12118.6	11628.6	11076.6	10524.6	10116.2	9706.3	9265.3	8822.7	8430.7	8037.1	7793.8
10°	11141.9	10554.0	9920.3	9284.9	8762.3	8239.7	7797.1	7352.8	7057.2	6761.6	6537.8
12.5°	10441.3	9789.6	9092.2	8393.2	7870.5	7347.9	7067.0	6786.1	6541.1	6296.1	6038.1
15°	10163.6	9427.0	8713.3	7997.9	7522.7	7047.4	6735.5	6421.9	6093.6	5763.7	5446.8
17.5°	10408.6	9546.2	8770.5	7994.7	7372.4	6750.2	6314.1	5876.4	5443.6	5010.8	4643.3
20°	11172.9	10072.1	9057.9	8042.0	7214.0	6385.9	5801.2	5214.9	4659.6	4104.3	3687.8
22.5°	12246.0	10789.1	9464.6	8140.0	7070.3	5998.9	5265.5	4530.6	3874.0	3217.5	2809.2
25°	13549.3	11739.7	10050.9	8360.5	7011.5	5660.8	4759.2	3857.7	3165.2	2471.1	2180.4
27.5°	14922.8	12873.1	10779.3	8683.9	7021.3	5358.6	4333.0	3305.7	2681.8	2057.9	1858.6
30°	16067.7	14168.3	11628.6	9087.3	7058.8	5030.4	3931.2	2832.0	2317.6	1803.1	1674.1
32.5°	17114.6	15071.5	12268.8	9464.6	7101.3	4736.4	3620.9	2503.7	2084.0	1662.6	1556.5
35°	18195.8	15873.4	12716.4	9557.7	7027.8	4496.3	3408.6	2320.8	1933.7	1545.0	1455.2
37.5°	19386.5	16740.6	13147.5	9552.8	6903.7	4254.6	3243.6	2231.0	1835.8	1438.9	1373.5
40°	20714.3	17699.3	13614.6	9529.9	6791.0	4050.4	3121.1	2190.2	1781.9	1371.9	1316.4
42.5°	22012.7	18614.0	14049.1	9484.2	6699.5	3913.2	3000.2	2087.3	1732.9	1376.8	1298.4
45°	22987.8	19412.6	14426.3	9438.5	6630.9	3823.4	2905.5	1987.6	1687.1	1386.6	1287.0
47.5°	23727.6	20214.5	14844.5	9472.8	6624.4	3776.0	2838.6	1901.1	1600.6	1298.4	1257.6
50°	24668.4	21178.1	15453.7	9729.2	6714.2	3699.3	2760.2	1819.4	1517.3	1215.1	1270.7
52.5°	25839.4	22553.3	16397.7	10240.4	6902.0	3563.7	2636.0	1708.4	1416.0	1122.0	1208.6
55°	27559.2	24315.6	17604.6	10892.0	7129.1	3364.5	2448.2	1530.3	1282.1	1032.2	1109.0
57.5°	29102.6	26095.8	18762.6	11427.7	7271.2	3112.9	2211.4	1309.9	1131.8	953.8	997.9
60°	29790.2	27013.7	19304.8	11594.3	7186.2	2778.1	1945.2	1110.6	999.5	888.5	880.3
62.5°	29522.3	26430.6	18770.7	11110.9	6771.4	2431.9	1710.0	988.1	904.8	819.9	801.9
65°	28738.4	24598.1	17274.7	9951.3	6070.7	2190.2	1561.4	932.6	839.5	746.4	726.8
67.5°	27193.3	21989.8	15154.8	8319.7	5180.6	2041.5	1476.4	911.3	798.7	684.3	661.5
70°	24420.1	18850.8	12713.1	6573.8	4262.7	1950.1	1420.9	891.7	754.6	615.7	594.5
72.5°	20057.7	15113.9	10152.2	5188.8	3563.7	1938.6	1414.4	890.1	718.6	547.1	527.5
75°	14361.0	11480.0	7749.7	4017.8	2918.6	1819.4	1342.5	865.6	669.6	472.0	454.0
77.5°	9663.8	7945.7	5386.4	2825.5	2165.7	1505.8	1128.6	751.3	573.3	395.2	377.3
80°	6206.3	5499.1	3609.4	1719.8	1404.6	1089.4	806.8	524.3	418.1	310.3	295.6
82.5°	4553.5	4092.9	2508.6	924.4	780.7	635.3	493.2	351.1	285.8	220.5	214.0
85°	2894.1	3191.3	1847.2	503.0	411.6	320.1	264.6	209.1	165.0	120.9	120.9
87.5°	561.8	777.4	511.2	243.4	178.0	112.7	96.4	78.4	44.1	8.2	9.8
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°	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2
2.5°	11733.1	11620.5	11507.8	11380.4	11251.3	11132.1	11011.3	10879.0	10903.5	10802.2	10700.9
5°	9766.7	9587.1	9405.8	9249.0	9092.2	8956.6	8819.5	8697.0	8803.1	8731.3	8659.4
7.5°	7548.8	7326.7	7102.9	6915.1	6727.3	6581.9	6434.9	6333.7	6438.2	6425.1	6412.1
10°	6314.1	6098.5	5881.3	5673.9	5466.4	5290.0	5112.0	4961.8	4935.6	4860.5	4783.7
12.5°	5778.4	5482.8	5185.5	4968.3	4751.1	4540.4	4329.7	4153.3	4073.3	3949.2	3823.4
15°	5130.0	4780.5	4431.0	4184.3	3936.1	3731.9	3526.2	3374.3	3323.6	3227.3	3130.9
17.5°	4275.8	3893.6	3511.5	3261.6	3010.0	2846.7	2681.8	2580.5	2580.5	2552.7	2525.0
20°	3271.4	2930.0	2588.7	2397.6	2206.5	2119.9	2031.7	1989.3	2002.3	2004.0	2004.0
22.5°	2399.2	2190.2	1981.1	1904.3	1826.0	1794.9	1763.9	1745.9	1752.5	1754.1	1755.7
25°	1889.7	1809.6	1728.0	1688.8	1647.9	1628.3	1608.7	1602.2	1616.9	1618.5	1618.5
27.5°	1659.4	1610.4	1559.7	1535.2	1509.1	1500.9	1492.8	1481.3	1496.0	1496.0	1494.4
30°	1543.4	1491.1	1438.9	1407.8	1376.8	1380.1	1381.7	1378.4	1388.2	1394.8	1399.7
32.5°	1448.7	1398.0	1347.4	1316.4	1283.7	1278.8	1273.9	1270.7	1291.9	1303.3	1314.8
35°	1363.7	1308.2	1252.7	1223.3	1193.9	1182.5	1171.0	1162.9	1182.5	1197.2	1211.9
37.5°	1306.6	1249.4	1190.6	1162.9	1133.5	1118.8	1104.1	1094.3	1102.4	1109.0	1115.5
40°	1260.9	1202.1	1141.6	1109.0	1076.3	1061.6	1046.9	1038.7	1043.6	1045.3	1046.9
42.5°	1218.4	1161.2	1104.1	1068.1	1030.6	1012.6	994.6	984.8	988.1	991.4	993.0
45°	1187.4	1130.2	1071.4	1028.9	984.8	965.2	945.6	934.2	935.8	935.8	935.8
47.5°	1216.8	1133.5	1048.5	999.5	948.9	926.0	903.2	891.7	888.5	885.2	881.9
50°	1324.6	1182.5	1038.7	976.7	913.0	888.5	862.3	849.3	841.1	837.8	834.6
52.5°	1293.5	1171.0	1046.9	966.9	885.2	855.8	826.4	805.2	797.0	792.1	787.2
55°	1184.1	1107.3	1028.9	932.6	836.2	810.1	782.3	767.6	752.9	749.7	746.4
57.5°	1040.4	1009.3	978.3	880.3	782.3	757.8	731.7	721.9	708.8	708.8	707.2
60°	870.5	916.2	962.0	849.3	735.0	707.2	679.4	671.3	666.4	664.7	663.1
62.5°	782.3	857.4	930.9	811.7	690.9	661.5	632.1	622.3	620.6	622.3	622.3
65°	707.2	730.1	752.9	697.4	641.9	612.5	581.4	571.6	574.9	579.8	584.7
67.5°	638.6	633.7	628.8	609.2	588.0	563.5	537.3	527.5	529.2	535.7	542.2
70°	573.3	566.7	558.6	543.9	529.2	507.9	486.7	480.2	478.5	486.7	493.2
72.5°	507.9	499.8	490.0	478.5	465.5	447.5	429.5	424.6	426.3	431.2	436.1
75°	436.1	429.5	421.4	411.6	400.1	383.8	367.5	364.2	367.5	372.4	377.3
77.5°	357.7	356.0	352.8	344.6	336.4	318.5	298.9	297.2	302.1	307.0	310.3
80°	279.3	280.9	282.5	276.0	269.5	249.9	228.7	227.0	231.9	236.8	241.7
82.5°	205.8	210.7	214.0	205.8	197.6	174.8	151.9	148.6	165.0	169.9	174.8
85°	119.2	125.8	132.3	125.8	119.2	96.4	73.5	71.9	86.6	94.7	102.9
87.5°	9.8	13.1	16.3	14.7	13.1	6.5	0.0	0.0	1.6	8.2	14.7
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: P320773

CATALOG NUMBER: GAN-SA9C-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: P320773

CATALOG NUMBER: GAN-SA9C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2
2.5°	10637.2	10573.6	10554.0	10534.4	10462.5	10389.0	10464.1	10537.6	10568.7	10599.7	10519.7
5°	8649.6	8638.2	8638.2	8636.5	8571.2	8504.2	8554.9	8603.9	8494.4	8385.0	8373.6
7.5°	6482.3	6552.5	6609.7	6665.2	6644.0	6622.8	6670.1	6717.5	6578.7	6438.2	6369.6
10°	4800.1	4814.8	4876.8	4938.9	4953.6	4966.7	5025.5	5082.6	4974.8	4867.0	4819.7
12.5°	3745.0	3666.6	3674.8	3681.3	3710.7	3738.5	3800.5	3861.0	3816.9	3771.1	3776.0
15°	3032.9	2933.3	2892.5	2850.0	2882.7	2915.3	2959.4	3001.9	3003.5	3003.5	3046.0
17.5°	2476.0	2425.4	2384.5	2342.1	2386.2	2428.6	2433.5	2438.4	2440.1	2441.7	2438.4
20°	2028.5	2053.0	2039.9	2026.8	2043.2	2057.9	2070.9	2082.4	2067.7	2051.3	2010.5
22.5°	1778.6	1799.8	1816.2	1830.9	1858.6	1884.8	1871.7	1857.0	1827.6	1796.6	1765.5
25°	1633.2	1647.9	1664.3	1680.6	1703.5	1724.7	1701.8	1679.0	1657.7	1636.5	1615.3
27.5°	1510.7	1525.4	1540.1	1553.2	1574.4	1594.0	1572.8	1551.6	1533.6	1515.6	1499.3
30°	1411.1	1420.9	1432.3	1443.8	1463.4	1481.3	1463.4	1443.8	1430.7	1416.0	1404.6
32.5°	1326.2	1336.0	1340.9	1345.8	1363.7	1381.7	1368.6	1355.6	1344.2	1332.7	1324.6
35°	1233.1	1252.7	1256.0	1259.2	1277.2	1295.2	1287.0	1277.2	1264.1	1251.1	1236.4
37.5°	1138.4	1161.2	1174.3	1185.7	1203.7	1221.7	1213.5	1205.3	1187.4	1169.4	1143.3
40°	1058.3	1068.1	1092.6	1115.5	1144.9	1172.7	1156.3	1138.4	1110.6	1082.8	1069.8
42.5°	991.4	989.7	1012.6	1035.5	1079.6	1122.0	1092.6	1063.2	1037.1	1011.0	1007.7
45°	932.6	927.7	939.1	950.5	997.9	1043.6	1014.2	983.2	968.5	953.8	953.8
47.5°	880.3	877.0	885.2	891.7	921.1	948.9	934.2	919.5	911.3	903.2	904.8
50°	832.9	829.7	837.8	844.4	855.8	865.6	868.9	870.5	865.6	860.7	864.0
52.5°	788.9	788.9	792.1	793.8	808.5	823.1	823.1	821.5	821.5	821.5	824.8
55°	751.3	754.6	754.6	754.6	777.4	798.7	792.1	785.6	787.2	787.2	790.5
57.5°	713.7	718.6	721.9	725.2	748.0	770.9	764.4	757.8	757.8	757.8	759.5
60°	671.3	677.8	684.3	690.9	713.7	736.6	730.1	721.9	723.5	725.2	726.8
62.5°	630.4	637.0	643.5	650.0	672.9	695.8	689.2	681.1	686.0	689.2	689.2
65°	591.2	596.1	602.7	609.2	630.4	651.7	645.1	638.6	645.1	650.0	653.3
67.5°	547.1	550.4	556.9	563.5	584.7	605.9	599.4	591.2	599.4	605.9	612.5
70°	496.5	499.8	507.9	514.5	535.7	556.9	548.8	540.6	548.8	556.9	563.5
72.5°	441.0	444.2	452.4	458.9	483.4	507.9	498.1	488.3	498.1	507.9	511.2
75°	380.5	383.8	393.6	401.8	426.3	450.8	442.6	432.8	441.0	449.1	450.8
77.5°	315.2	320.1	333.2	346.2	365.8	385.4	380.5	375.6	380.5	385.4	385.4
80°	246.6	251.5	267.9	282.5	294.0	305.4	307.0	308.7	310.3	311.9	310.3
82.5°	182.9	189.5	204.2	218.9	218.9	218.9	231.9	243.4	243.4	241.7	240.1
85°	112.7	120.9	133.9	147.0	138.8	130.7	151.9	171.5	171.5	169.9	166.6
87.5°	22.9	31.0	44.1	55.5	47.4	39.2	60.4	81.7	83.3	83.3	80.0
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: P320773
 CATALOG NUMBER: GAN-SA9C-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: P320773

CATALOG NUMBER: GAN-SA9C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2
2.5°	10438.0	10565.4	10691.1	10723.8	10772.8	10794.0	10813.6	10973.7	11132.1	11318.3	11504.5
5°	8360.5	8455.2	8550.0	8564.7	8615.3	8641.4	8667.6	8861.9	9054.6	9314.3	9574.0
7.5°	6301.0	6323.9	6346.7	6343.5	6385.9	6443.1	6498.6	6706.1	6911.8	7191.1	7468.8
10°	4772.3	4824.6	4875.2	4922.6	5015.7	5123.5	5229.6	5441.9	5654.3	5930.3	6204.7
12.5°	3780.9	3841.4	3900.2	3952.4	4060.2	4203.9	4346.0	4600.8	4855.6	5185.5	5513.8
15°	3086.8	3081.9	3077.0	3112.9	3207.7	3364.5	3519.6	3789.1	4058.6	4421.2	4782.1
17.5°	2435.2	2410.7	2386.2	2413.9	2502.1	2631.1	2758.5	2987.2	3214.2	3565.3	3916.5
20°	1969.7	1953.3	1937.0	1963.1	2018.7	2072.6	2126.5	2291.4	2454.7	2740.6	3024.7
22.5°	1732.9	1731.2	1728.0	1742.7	1768.8	1796.6	1822.7	1902.7	1981.1	2165.7	2348.6
25°	1594.0	1592.4	1590.8	1597.3	1618.5	1639.8	1661.0	1713.3	1765.5	1853.7	1941.9
27.5°	1483.0	1479.7	1476.4	1478.1	1483.0	1515.6	1546.7	1571.2	1594.0	1654.5	1713.3
30°	1393.1	1391.5	1389.9	1389.9	1385.0	1396.4	1407.8	1445.4	1481.3	1543.4	1605.5
32.5°	1316.4	1308.2	1300.1	1282.1	1270.7	1287.0	1303.3	1342.5	1381.7	1438.9	1496.0
35°	1220.0	1198.8	1175.9	1166.1	1167.8	1184.1	1200.4	1239.6	1277.2	1339.3	1399.7
37.5°	1115.5	1109.0	1100.8	1099.2	1104.1	1120.4	1136.7	1171.0	1203.7	1265.8	1326.2
40°	1056.7	1053.4	1050.2	1046.9	1050.2	1066.5	1082.8	1115.5	1146.5	1207.0	1265.8
42.5°	1004.4	1002.8	1001.2	1001.2	1002.8	1020.8	1038.7	1071.4	1102.4	1156.3	1210.2
45°	953.8	955.4	955.4	958.7	963.6	981.6	997.9	1033.8	1069.8	1122.0	1174.3
47.5°	906.4	911.3	914.6	922.8	927.7	947.3	965.2	1004.4	1043.6	1109.0	1172.7
50°	865.6	870.5	873.8	880.3	893.4	916.2	939.1	986.5	1032.2	1141.6	1249.4
52.5°	828.0	832.9	837.8	844.4	860.7	886.8	913.0	971.8	1028.9	1156.3	1283.7
55°	793.8	798.7	801.9	811.7	828.0	850.9	872.1	944.0	1015.9	1109.0	1202.1
57.5°	761.1	766.0	769.3	775.8	784.0	808.5	831.3	908.1	984.8	1050.2	1113.9
60°	726.8	730.1	731.7	731.7	738.2	766.0	793.8	891.7	988.1	976.7	963.6
62.5°	689.2	692.5	694.1	689.2	697.4	726.8	756.2	883.6	1011.0	932.6	854.2
65°	654.9	653.3	651.7	646.8	656.6	686.0	713.7	777.4	841.1	810.1	779.1
67.5°	617.4	612.5	607.6	601.0	610.8	637.0	661.5	682.7	703.9	707.2	710.5
70°	570.0	563.5	556.9	555.3	560.2	581.4	602.7	617.4	630.4	637.0	641.9
72.5°	514.5	509.6	504.7	501.4	503.0	521.0	537.3	550.4	563.5	568.4	571.6
75°	452.4	452.4	450.8	441.0	441.0	455.7	468.7	480.2	491.6	498.1	504.7
77.5°	385.4	387.1	387.1	374.0	372.4	387.1	400.1	409.9	418.1	424.6	429.5
80°	308.7	305.4	302.1	294.0	290.7	308.7	325.0	333.2	339.7	341.3	341.3
82.5°	236.8	230.3	222.1	204.2	205.8	225.4	243.4	249.9	256.4	256.4	256.4
85°	161.7	148.6	133.9	119.2	120.9	142.1	161.7	168.2	174.8	178.0	179.7
87.5°	76.8	63.7	49.0	37.6	37.6	55.5	71.9	75.1	78.4	84.9	91.5
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: P320773
 CATALOG NUMBER: GAN-SA9C-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: P320773

CATALOG NUMBER: GAN-SA9C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2
2.5°	11646.6	11787.0	11932.4	12077.8	12244.3	12410.9	12605.3	12798.0	12963.0	13127.9	13265.1
5°	9797.8	10021.5	10284.5	10547.4	10882.2	11217.0	11627.0	12035.3	12399.5	12763.7	13186.7
7.5°	7761.1	8051.8	8394.8	8737.8	9170.6	9603.4	10134.2	10665.0	11179.5	11692.3	12342.3
10°	6510.1	6815.5	7153.6	7490.0	7931.0	8370.3	8932.2	9492.4	10070.5	10647.0	11382.0
12.5°	5853.5	6191.6	6488.8	6786.1	7143.8	7499.8	8043.7	8587.5	9267.0	9944.8	10651.9
15°	5152.9	5522.0	5878.0	6234.1	6624.4	7013.1	7542.3	8071.4	8814.6	9557.7	10371.0
17.5°	4305.2	4693.9	5128.4	5561.2	6070.7	6578.7	7256.5	7934.2	8814.6	9693.2	10651.9
20°	3421.6	3818.5	4337.9	4857.2	5490.9	6123.0	7001.7	7880.3	9066.1	10250.2	11473.5
22.5°	2699.7	3049.2	3616.0	4181.1	4912.8	5644.5	6771.4	7896.7	9446.6	10994.9	12646.1
25°	2188.5	2435.2	2992.1	3547.4	4391.8	5236.1	6630.9	8024.1	10000.3	11974.9	14022.9
27.5°	1875.0	2036.6	2556.0	3073.7	3996.5	4917.7	6573.8	8228.2	10702.6	13176.9	15520.6
30°	1718.2	1830.9	2270.2	2707.9	3645.4	4582.9	6505.2	8427.5	11378.7	14328.4	16691.6
32.5°	1587.5	1677.3	2053.0	2427.0	3341.6	4256.2	6372.9	8487.9	11850.7	15213.6	17683.0
35°	1476.4	1551.6	1878.2	2204.9	3103.1	4001.4	6150.8	8300.1	12146.4	15992.6	18715.2
37.5°	1386.6	1445.4	1747.6	2049.7	2897.4	3745.0	5897.6	8050.2	12409.3	16768.4	19876.4
40°	1316.4	1367.0	1649.6	1932.1	2701.4	3470.6	5680.4	7888.5	12771.9	17655.2	21103.0
42.5°	1277.2	1342.5	1564.6	1785.1	2515.2	3245.2	5505.6	7766.0	13108.3	18449.0	22176.0
45°	1267.4	1360.5	1520.5	1680.6	2376.4	3072.1	5350.5	7627.2	13325.5	19023.9	22984.5
47.5°	1251.1	1327.8	1486.2	1644.7	2307.8	2969.2	5267.2	7563.5	13542.8	19520.4	23655.7
50°	1260.9	1270.7	1458.5	1644.7	2298.0	2951.3	5361.9	7772.6	14013.1	20252.1	24423.4
52.5°	1242.9	1200.4	1406.2	1612.0	2296.3	2980.7	5634.7	8288.7	14886.9	21483.5	25254.7
55°	1148.2	1092.6	1308.2	1523.8	2262.0	2998.6	5959.7	8919.1	16059.6	23198.4	26749.1
57.5°	1064.9	1014.2	1197.2	1378.4	2157.5	2936.6	6294.5	9650.8	17299.2	24946.0	28433.0
60°	953.8	942.4	1073.0	1203.7	1995.8	2786.3	6570.5	10353.1	18132.2	25909.6	29081.3
62.5°	862.3	868.9	965.2	1061.6	1793.3	2523.3	6662.0	10798.9	18109.3	25419.6	28428.1
65°	792.1	803.6	898.3	993.0	1620.2	2247.3	6361.4	10473.9	17193.0	23910.5	27136.2
67.5°	723.5	736.6	849.3	960.3	1466.6	1971.3	5610.2	9247.4	15545.1	21841.2	25493.1
70°	658.2	674.5	797.0	919.5	1355.6	1790.0	4641.6	7493.3	13482.3	19469.8	23590.4
72.5°	588.0	604.3	735.0	865.6	1285.4	1703.5	3784.2	5863.3	10941.0	16017.1	20178.6
75°	516.1	527.5	669.6	810.1	1189.0	1567.9	2969.2	4368.9	8373.6	12378.3	15241.3
77.5°	444.2	458.9	578.2	695.8	1009.3	1321.3	2237.5	3153.8	6144.2	9133.0	10599.7
80°	354.4	367.5	452.4	535.7	779.1	1020.8	1538.5	2056.2	4228.4	6400.6	7227.1
82.5°	271.1	285.8	343.0	398.5	555.3	712.1	932.6	1153.1	2809.2	4463.6	4532.2
85°	186.2	191.1	231.9	271.1	343.0	414.8	534.1	653.3	1858.6	3063.9	2552.7
87.5°	93.1	93.1	120.9	148.6	184.6	220.5	282.5	343.0	594.5	846.0	486.7
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: P320773
 CATALOG NUMBER: GAN-SA9C-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: P320773

CATALOG NUMBER: GAN-SA9C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2
2.5°	13439.9	13559.1	13680.0	13771.4	13864.5	13998.4	14132.4	14156.9	14183.0	14130.7	14078.5
5°	13613.0	13973.9	14336.5	14671.3	15006.1	15207.0	15407.9	15448.8	15489.6	15363.8	15236.4
7.5°	12971.1	13599.9	14228.7	14805.3	15381.8	15731.3	16082.4	16160.8	16240.9	16035.1	15829.3
10°	12113.7	12886.2	13658.7	14418.2	15177.6	15685.6	16193.5	16294.8	16396.0	16139.6	15883.2
12.5°	11450.6	12275.4	13100.2	13900.4	14702.4	15228.3	15754.2	15879.9	16005.7	15819.5	15631.7
15°	11246.4	12022.2	12798.0	13495.4	14194.4	14624.0	15055.1	15105.8	15158.0	15128.6	15099.2
17.5°	11617.2	12317.8	13020.1	13399.0	13779.6	13951.1	14124.2	14179.7	14236.9	14310.4	14385.5
20°	12515.5	13008.7	13503.6	13487.2	13469.3	13386.0	13301.0	13286.4	13271.7	13482.3	13694.7
22.5°	13856.3	14052.3	14250.0	13791.0	13332.1	13052.8	12771.9	12716.4	12659.2	12882.9	13108.3
25°	15311.6	15275.6	15238.1	14364.3	13488.9	12956.4	12424.0	12361.9	12299.9	12491.0	12683.7
27.5°	16752.1	16516.9	16281.7	15094.3	13907.0	13134.5	12361.9	12299.9	12237.8	12407.7	12577.5
30°	17808.8	17431.5	17054.2	15710.1	14365.9	13448.0	12530.2	12428.9	12326.0	12535.1	12744.1
32.5°	18633.6	18127.3	17621.0	16209.8	14798.7	13805.7	12812.7	12654.3	12495.9	12775.1	13054.4
35°	19456.7	18744.6	18030.9	16655.7	15278.9	14228.7	13176.9	12982.6	12788.2	13172.0	13555.8
37.5°	20492.2	19469.8	18445.7	17157.1	15868.5	14862.4	13854.7	13655.5	13456.2	13944.5	14434.5
40°	21615.8	20252.1	18888.3	17705.9	16523.4	15739.5	14953.9	14764.4	14573.3	15167.8	15762.3
42.5°	22550.0	20980.5	19411.0	18367.3	17322.1	16770.0	16216.4	16214.7	16211.5	16814.1	17416.8
45°	23309.5	21588.1	19865.0	19012.5	18158.3	17870.8	17583.4	17813.7	18044.0	18587.8	19133.3
47.5°	23876.2	22097.6	20317.4	19750.7	19184.0	19226.4	19268.9	19737.6	20206.4	20555.9	20907.0
50°	24245.3	22559.8	20872.7	20698.0	20523.2	20903.7	21285.9	21823.3	22362.2	22600.7	22839.1
52.5°	24782.7	23187.0	21589.7	21785.7	21981.7	22759.1	23536.5	24080.4	24624.3	24712.4	24802.3
55°	26025.6	24340.1	22652.9	23028.6	23405.9	24545.9	25687.5	26112.1	26536.8	26569.4	26602.1
57.5°	27791.1	25955.3	24119.6	24524.6	24929.7	26246.1	27564.1	28021.4	28480.3	28416.6	28351.3
60°	29112.4	27488.9	25863.9	26272.2	26680.5	27964.2	29247.9	29773.8	30301.4	30160.9	30020.5
62.5°	29194.0	28326.8	27457.9	27827.0	28197.8	29455.4	30712.9	31253.5	31794.1	31549.2	31304.2
65°	27895.6	28284.3	28673.0	28795.5	28918.0	30090.7	31265.0	31678.2	32093.0	31968.9	31844.8
67.5°	26107.2	27539.6	28973.6	28726.9	28480.3	29030.7	29581.1	30007.4	30433.7	30363.4	30291.6
70°	24322.1	26234.6	28147.1	26935.3	25721.8	25494.8	25267.7	25726.7	26187.3	25903.1	25617.3
72.5°	21282.7	23320.9	25360.8	23128.2	20895.6	20119.8	19344.0	19927.1	20510.1	20057.7	19603.7
75°	16706.3	18958.6	21212.4	18548.6	15884.8	14849.4	13813.9	14315.3	14816.7	14506.4	14194.4
77.5°	12437.1	14656.6	16876.2	14168.3	11458.8	10689.5	9918.6	10067.2	10217.5	10165.2	10111.3
80°	8435.6	9982.3	11530.6	9727.5	7924.4	7983.2	8043.7	7973.4	7901.6	8006.1	8110.6
82.5°	5383.1	6577.0	7772.6	6815.5	5858.4	6407.2	6955.9	6686.5	6415.3	6515.0	6616.2
85°	3072.1	4239.9	5409.3	5041.8	4672.7	4992.8	5314.5	4896.4	4478.3	4661.2	4845.8
87.5°	810.1	2345.3	3882.2	3524.5	3166.8	2752.0	2337.2	1783.5	1229.8	1796.6	2363.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320773

CATALOG NUMBER: GAN-SA9C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2	12445.2
2.5°	14050.7	14022.9	13923.3	13822.1	13671.8	13547.7	13332.1
5°	15060.0	14883.7	14579.9	14274.5	13934.7	13544.4	13111.6
7.5°	15417.7	15004.5	14421.4	13836.8	13310.8	12693.5	12118.6
10°	15265.8	14646.8	13889.0	13129.6	12491.0	11780.5	11141.9
12.5°	14975.1	14316.9	13482.3	12646.1	11919.3	11156.6	10441.3
15°	14575.0	14049.1	13266.8	12484.4	11752.7	11011.3	10163.6
17.5°	14137.3	13887.4	13322.3	12755.5	12121.9	11403.2	10408.6
20°	13784.5	13875.9	13650.6	13425.2	12917.2	12290.1	11172.9
22.5°	13546.0	13985.4	14158.5	14333.3	14027.8	13537.9	12246.0
25°	13412.1	14140.5	14720.3	15301.8	15166.2	14788.9	13549.3
27.5°	13470.9	14364.3	15264.2	16165.7	16291.5	16187.0	14922.8
30°	13647.3	14552.1	15648.0	16745.5	17246.9	17387.4	16067.7
32.5°	13941.3	14828.1	16022.0	17217.5	17975.4	18422.9	17114.6
35°	14385.5	15215.2	16459.7	17704.2	18684.2	19500.8	18195.8
37.5°	15148.2	15862.0	17010.1	18159.9	19430.6	20657.1	19386.5
40°	16265.4	16770.0	17740.2	18712.0	20310.9	21967.0	20714.3
42.5°	17674.8	17934.5	18703.8	19473.0	21230.4	23156.0	22012.7
45°	19201.9	19270.5	19754.0	20239.0	21958.8	23966.1	22987.8
47.5°	20671.8	20436.6	20629.4	20822.1	22517.4	24544.2	23727.6
50°	22184.2	21529.3	21428.0	21326.8	23075.9	25225.3	24668.4
52.5°	23722.7	22643.1	22243.0	21841.2	23742.3	26128.5	25839.4
55°	25228.6	23855.0	23316.0	22777.1	24761.4	27230.9	27559.2
57.5°	26794.8	25238.3	24738.6	24238.8	26259.1	28627.3	29102.6
60°	28480.3	26938.5	26538.4	26136.6	28121.0	30136.4	29790.2
62.5°	30079.3	28854.3	28643.6	28431.3	30004.1	31296.0	29522.3
65°	31147.4	30448.4	30644.4	30842.0	31428.3	31585.1	28738.4
67.5°	30433.7	30575.8	31403.8	32233.5	31830.1	30726.0	27193.3
70°	26468.2	27320.7	29282.2	31245.4	30350.4	28424.8	24420.1
72.5°	20560.8	21519.5	24431.5	27345.2	26520.4	24162.0	20057.7
75°	15275.6	16358.5	19572.7	22786.9	21642.0	18073.4	14361.0
77.5°	10836.5	11561.7	14735.0	17910.0	16043.2	12030.4	9663.8
80°	7888.5	7666.4	9435.2	11204.0	10893.7	7957.1	6206.3
82.5°	6074.0	5531.8	6364.7	7197.7	7151.9	5522.0	4553.5
85°	4628.6	4411.4	5148.0	5884.5	5254.1	3740.1	2894.1
87.5°	2698.1	3034.5	3901.8	4770.7	3580.0	1135.1	561.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320773
 CATALOG NUMBER: GAN-SA9C-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)