

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: P320772

Luminaire Tested: **GAN-SA8C-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320772
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-SA8C-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 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: 36621 lumens
Efficiency: N/A
Efficacy: 82.3 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): 445
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



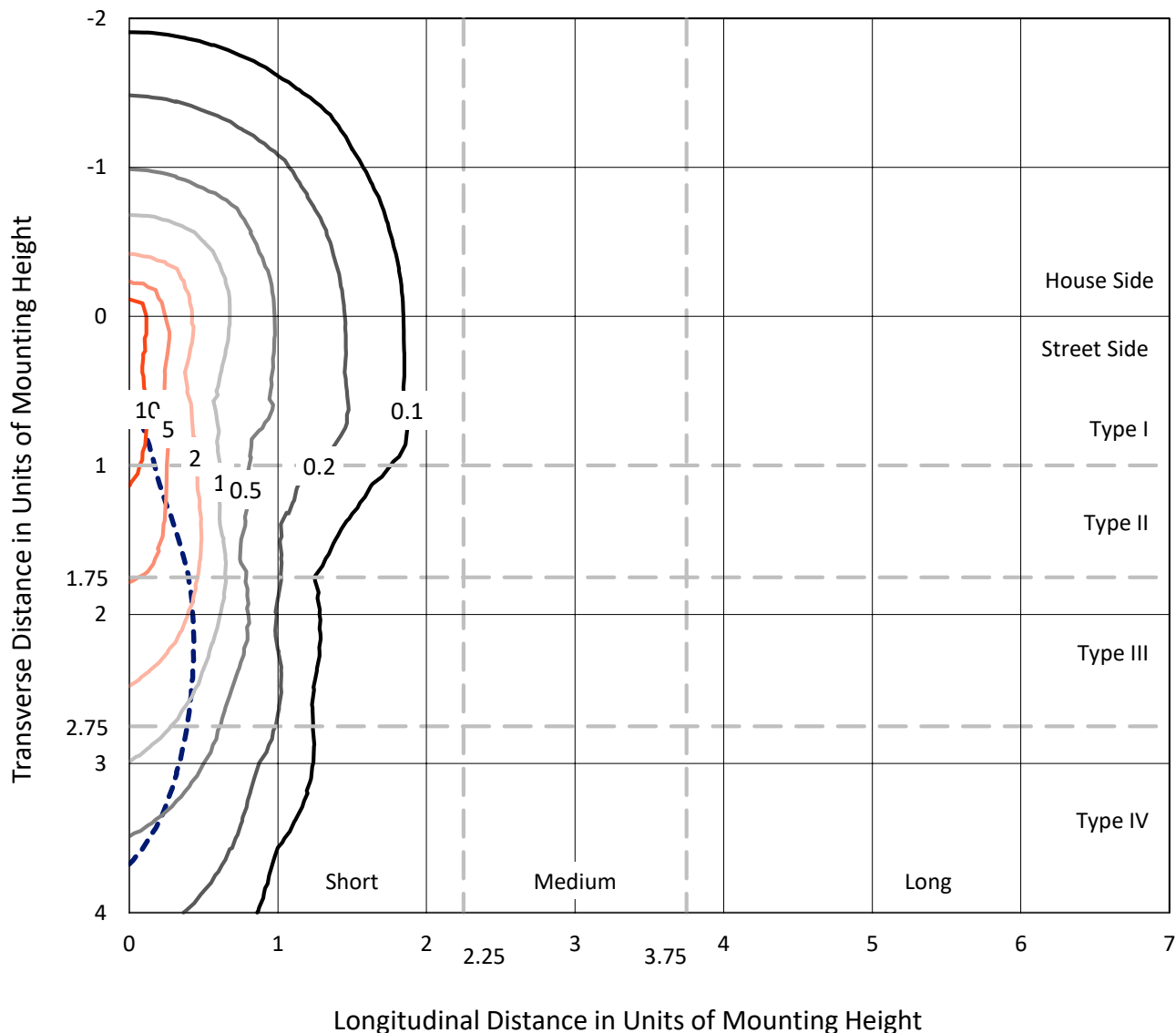
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

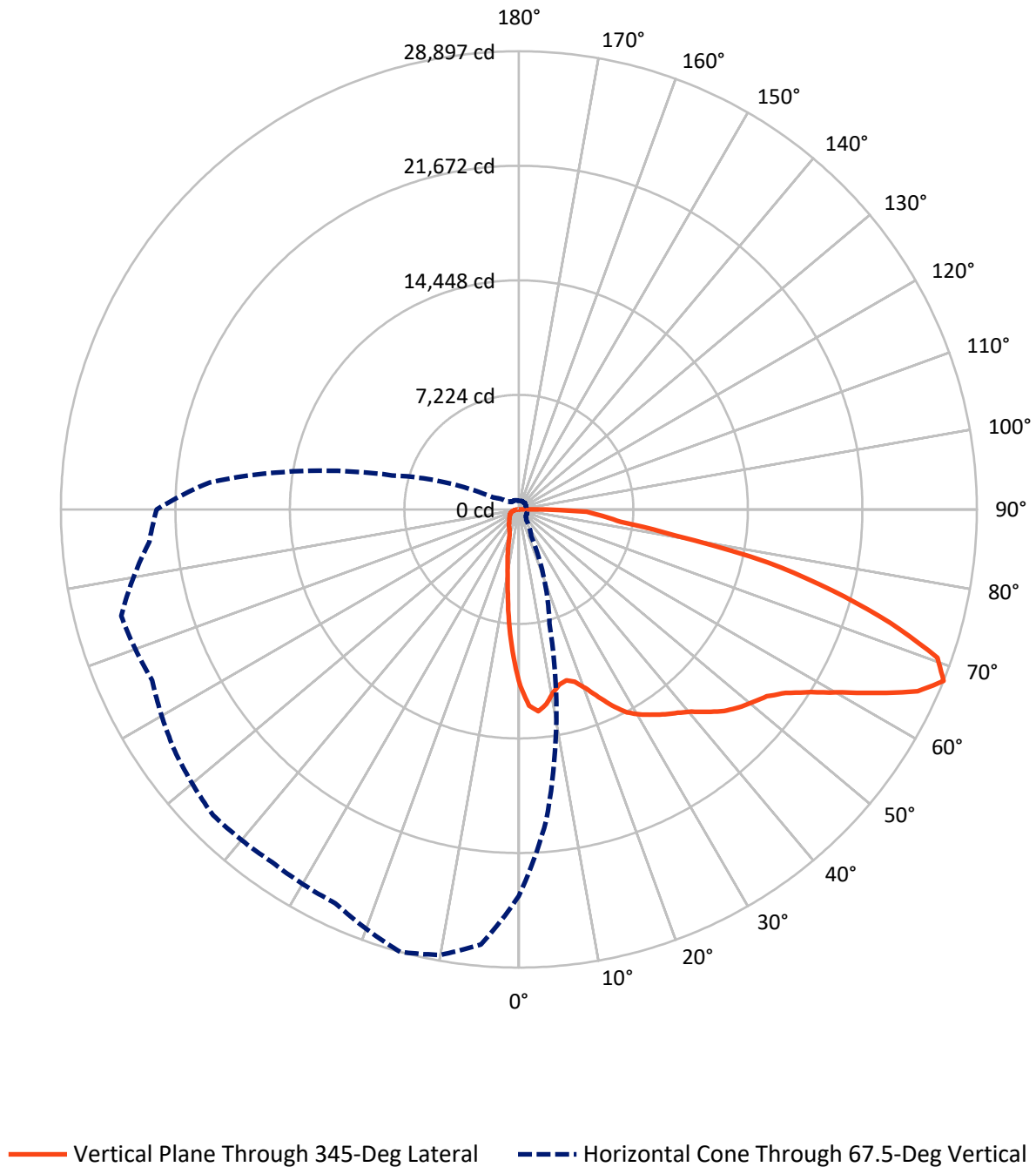
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.9 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	6331.0	0.0	6331.0
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	30290.0	0.0	30290.0
	% Fixture	82.7	0.0	82.7
Total	Lumens	36621.0	0.0	36621.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	861.1	2.4
10°-20°	1788.7	4.9
20°-30°	2544.0	6.9
30°-40°	3665.9	10.0
40°-50°	5166.3	14.1
50°-60°	7182.0	19.6
60°-70°	8685.2	23.7
70°-80°	5338.6	14.6
80°-90°	1389.2	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°	36621.0	100.0
0°-180°	36621.0	100.0

Coefficient of Utilization



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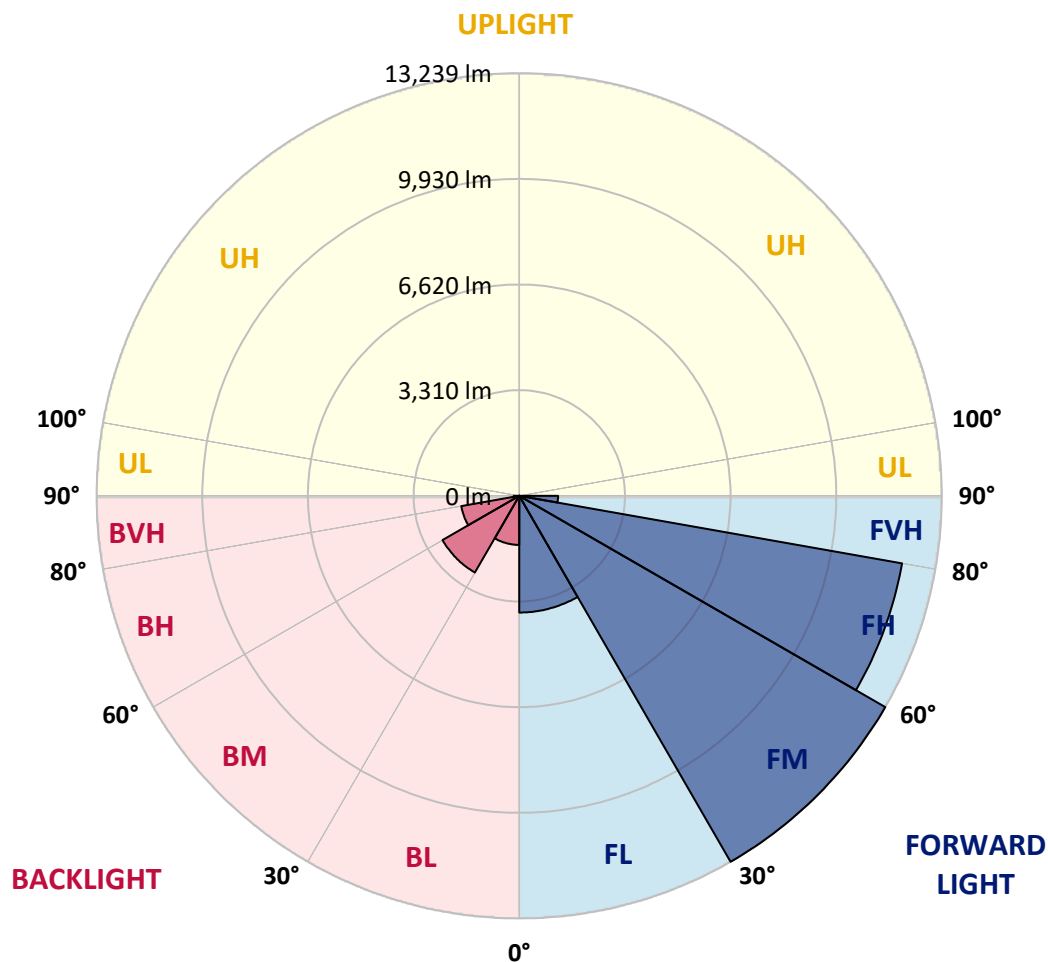
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3656.7	10.0			
FM	(30°-60°)	13239.4	36.2			
FH	(60°-80°)	12178.9	33.3			G5
FVH	(80°-90°)	1215.0	3.3			G5
BL	(0°-30°)	1537.1	4.2	B3/2500		
BM	(30°-60°)	2774.8	7.6	B3/5000		
BH	(60°-80°)	1845.0	5.0	B3/2500		G3/2500
BVH	(80°-90°)	174.1	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°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	11951.9	11846.5	11686.9	11527.3	11408.7	11288.6	11152.4	11016.3	10861.1	10704.4	10612.2
5°	11754.2	11461.4	11080.7	10700.0	10448.2	10196.4	9910.8	9625.3	9342.8	9060.2	8907.9
7.5°	10864.0	10424.8	9929.9	9435.0	9069.0	8701.5	8306.1	7909.4	7558.0	7205.1	6986.9
10°	9988.4	9461.4	8893.3	8323.7	7855.2	7386.6	6989.9	6591.6	6326.6	6061.6	5861.0
12.5°	9360.3	8776.1	8150.9	7524.3	7055.8	6587.2	6335.4	6083.6	5863.9	5644.3	5413.0
15°	9111.4	8451.1	7811.3	7170.0	6743.9	6317.8	6038.2	5757.0	5462.8	5167.0	4882.9
17.5°	9331.0	8558.0	7862.5	7167.0	6609.2	6051.3	5660.4	5268.0	4880.0	4492.0	4162.6
20°	10016.3	9029.4	8120.2	7209.5	6467.2	5724.8	5200.7	4675.0	4177.2	3679.4	3306.1
22.5°	10978.2	9672.2	8484.8	7297.3	6338.3	5377.8	4720.4	4061.6	3473.0	2884.4	2518.3
25°	12146.6	10524.3	9010.4	7495.0	6285.6	5074.8	4266.5	3458.3	2837.5	2215.3	1954.6
27.5°	13378.0	11540.4	9663.4	7784.9	6294.4	4803.9	3884.4	2963.4	2404.1	1844.8	1666.2
30°	14404.3	12701.5	10424.8	8146.5	6328.1	4509.6	3524.2	2538.8	2077.6	1616.4	1500.8
32.5°	15342.9	13511.2	10998.7	8484.8	6366.1	4246.0	3246.0	2244.5	1868.3	1490.5	1395.3
35°	16312.1	14230.1	11399.9	8568.2	6300.2	4030.8	3055.7	2080.6	1733.6	1385.1	1304.6
37.5°	17379.5	15007.6	11786.4	8563.8	6189.0	3814.1	2907.8	2000.0	1645.7	1289.9	1231.4
40°	18569.8	15867.0	12205.2	8543.3	6087.9	3631.1	2798.0	1963.4	1597.4	1229.9	1180.1
42.5°	19733.8	16686.9	12594.6	8502.3	6006.0	3508.1	2689.6	1871.2	1553.5	1234.3	1164.0
45°	20607.9	17402.9	12932.9	8461.3	5944.5	3427.6	2604.7	1781.9	1512.5	1243.1	1153.8
47.5°	21271.2	18121.8	13307.7	8492.1	5938.6	3385.1	2544.7	1704.3	1434.9	1164.0	1127.4
50°	22114.6	18985.7	13853.8	8722.0	6019.1	3316.3	2474.4	1631.1	1360.2	1089.3	1139.1
52.5°	23164.4	20218.5	14700.1	9180.2	6187.5	3194.8	2363.1	1531.5	1269.4	1005.9	1083.5
55°	24706.1	21798.3	15782.1	9764.4	6391.0	3016.2	2194.8	1371.9	1149.4	925.3	994.2
57.5°	26089.7	23394.2	16820.2	10244.7	6518.4	2790.7	1982.5	1174.3	1014.7	855.1	894.6
60°	26706.1	24217.1	17306.3	10394.0	6442.3	2490.5	1743.8	995.6	896.1	796.5	789.2
62.5°	26466.0	23694.4	16827.5	9960.6	6070.4	2180.1	1533.0	885.8	811.1	735.0	718.9
65°	25763.2	22051.6	15486.3	8921.1	5442.3	1963.4	1399.7	836.0	752.6	669.1	651.5
67.5°	24378.1	19713.3	13585.9	7458.4	4644.3	1830.2	1323.6	817.0	716.0	613.5	593.0
70°	21892.0	16899.2	11397.0	5893.2	3821.4	1748.2	1273.8	799.4	676.4	552.0	533.0
72.5°	17981.3	13549.3	9101.2	4651.6	3194.8	1737.9	1268.0	798.0	644.2	490.5	472.9
75°	12874.3	10291.5	6947.4	3601.8	2616.4	1631.1	1203.5	776.0	600.3	423.1	407.0
77.5°	8663.4	7123.1	4828.8	2533.0	1941.5	1349.9	1011.7	673.5	513.9	354.3	338.2
80°	5563.8	4929.8	3235.8	1541.8	1259.2	976.6	723.3	470.0	374.8	278.2	265.0
82.5°	4082.1	3669.2	2248.9	828.7	699.9	569.6	442.2	314.8	256.2	197.7	191.8
85°	2594.5	2861.0	1656.0	451.0	369.0	287.0	237.2	187.4	147.9	108.3	108.3
87.5°	503.7	696.9	458.3	218.2	159.6	101.0	86.4	70.3	39.5	7.3	8.8
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°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	10518.5	10417.4	10316.4	10202.2	10086.5	9979.7	9871.3	9752.7	9774.7	9683.9	9593.1
5°	8755.6	8594.6	8432.1	8291.5	8150.9	8029.4	7906.4	7796.6	7891.8	7827.4	7762.9
7.5°	6767.3	6568.2	6367.6	6199.2	6030.8	5900.5	5768.8	5678.0	5771.7	5760.0	5748.3
10°	5660.4	5467.1	5272.4	5086.5	4900.5	4742.4	4582.8	4448.1	4424.7	4357.3	4288.5
12.5°	5180.2	4915.2	4648.7	4454.0	4259.2	4070.3	3881.5	3723.3	3651.6	3540.3	3427.6
15°	4598.9	4285.6	3972.2	3751.2	3528.6	3345.6	3161.1	3024.9	2979.6	2893.2	2806.8
17.5°	3833.2	3490.5	3147.9	2923.9	2698.4	2552.0	2404.1	2313.4	2313.4	2288.5	2263.6
20°	2932.7	2626.7	2320.7	2149.4	1978.1	1900.5	1821.4	1783.3	1795.1	1796.5	1796.5
22.5°	2150.8	1963.4	1776.0	1707.2	1636.9	1609.1	1581.3	1565.2	1571.0	1572.5	1574.0
25°	1694.0	1622.3	1549.1	1513.9	1477.3	1459.8	1442.2	1436.3	1449.5	1451.0	1451.0
27.5°	1487.6	1443.7	1398.3	1376.3	1352.9	1345.6	1338.2	1328.0	1341.2	1341.2	1339.7
30°	1383.6	1336.8	1289.9	1262.1	1234.3	1237.2	1238.7	1235.7	1244.5	1250.4	1254.8
32.5°	1298.7	1253.3	1207.9	1180.1	1150.8	1146.4	1142.0	1139.1	1158.1	1168.4	1178.6
35°	1222.6	1172.8	1123.0	1096.7	1070.3	1060.0	1049.8	1042.5	1060.0	1073.2	1086.4
37.5°	1171.3	1120.1	1067.4	1042.5	1016.1	1002.9	989.8	981.0	988.3	994.2	1000.0
40°	1130.3	1077.6	1023.4	994.2	964.9	951.7	938.5	931.2	935.6	937.1	938.5
42.5°	1092.3	1041.0	989.8	957.6	923.9	907.8	891.7	882.9	885.8	888.7	890.2
45°	1064.4	1013.2	960.5	922.4	882.9	865.3	847.7	837.5	839.0	839.0	839.0
47.5°	1090.8	1016.1	940.0	896.1	850.7	830.2	809.7	799.4	796.5	793.6	790.6
50°	1187.4	1060.0	931.2	875.6	818.5	796.5	773.1	761.4	754.0	751.1	748.2
52.5°	1159.6	1049.8	938.5	866.8	793.6	767.2	740.9	721.8	714.5	710.1	705.7
55°	1061.5	992.7	922.4	836.0	749.6	726.2	701.3	688.2	675.0	672.0	669.1
57.5°	932.7	904.8	877.0	789.2	701.3	679.4	655.9	647.2	635.4	635.4	634.0
60°	780.4	821.4	862.4	761.4	658.9	634.0	609.1	601.8	597.4	595.9	594.4
62.5°	701.3	768.7	834.6	727.7	619.3	593.0	566.6	557.8	556.4	557.8	557.8
65°	634.0	654.5	675.0	625.2	575.4	549.1	521.2	512.5	515.4	519.8	524.2
67.5°	572.5	568.1	563.7	546.1	527.1	505.1	481.7	472.9	474.4	480.2	486.1
70°	513.9	508.1	500.7	487.6	474.4	455.4	436.3	430.5	429.0	436.3	442.2
72.5°	455.4	448.0	439.2	429.0	417.3	401.2	385.1	380.7	382.1	386.5	390.9
75°	390.9	385.1	377.8	369.0	358.7	344.1	329.4	326.5	329.4	333.8	338.2
77.5°	320.6	319.2	316.3	308.9	301.6	285.5	267.9	266.5	270.9	275.3	278.2
80°	250.4	251.8	253.3	247.4	241.6	224.0	205.0	203.5	207.9	212.3	216.7
82.5°	184.5	188.9	191.8	184.5	177.2	156.7	136.2	133.2	147.9	152.3	156.7
85°	106.9	112.7	118.6	112.7	106.9	86.4	65.9	64.4	77.6	84.9	92.2
87.5°	8.8	11.7	14.6	13.2	11.7	5.9	0.0	0.0	1.5	7.3	13.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320772
 CATALOG NUMBER: GAN-SA8C-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: P320772

CATALOG NUMBER: GAN-SA8C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	9536.0	9478.9	9461.4	9443.8	9379.4	9313.5	9380.8	9446.7	9474.5	9502.3	9430.6
5°	7754.2	7743.9	7743.9	7742.4	7683.9	7623.8	7669.2	7713.2	7615.1	7517.0	7506.7
7.5°	5811.2	5874.2	5925.4	5975.2	5956.2	5937.1	5979.6	6022.1	5897.6	5771.7	5710.2
10°	4303.1	4316.3	4372.0	4427.6	4440.8	4452.5	4505.2	4556.4	4459.8	4363.2	4320.7
12.5°	3357.3	3287.0	3294.3	3300.2	3326.6	3351.4	3407.1	3461.3	3421.7	3380.7	3385.1
15°	2718.9	2629.6	2593.0	2554.9	2584.2	2613.5	2653.0	2691.1	2692.6	2692.6	2730.6
17.5°	2219.7	2174.3	2137.7	2099.6	2139.1	2177.2	2181.6	2186.0	2187.4	2188.9	2186.0
20°	1818.5	1840.4	1828.7	1817.0	1831.7	1844.8	1856.5	1866.8	1853.6	1839.0	1802.4
22.5°	1594.5	1613.5	1628.1	1641.3	1666.2	1689.6	1677.9	1664.7	1638.4	1610.6	1582.7
25°	1464.2	1477.3	1492.0	1506.6	1527.1	1546.1	1525.6	1505.1	1486.1	1467.1	1448.0
27.5°	1354.3	1367.5	1380.7	1392.4	1411.4	1429.0	1410.0	1390.9	1374.8	1358.7	1344.1
30°	1265.0	1273.8	1284.1	1294.3	1311.9	1328.0	1311.9	1294.3	1282.6	1269.4	1259.2
32.5°	1188.9	1197.7	1202.1	1206.5	1222.6	1238.7	1227.0	1215.2	1205.0	1194.7	1187.4
35°	1105.4	1123.0	1125.9	1128.9	1145.0	1161.1	1153.8	1145.0	1133.3	1121.5	1108.4
37.5°	1020.5	1041.0	1052.7	1063.0	1079.1	1095.2	1087.9	1080.5	1064.4	1048.3	1024.9
40°	948.8	957.6	979.5	1000.0	1026.4	1051.3	1036.6	1020.5	995.6	970.7	959.0
42.5°	888.7	887.3	907.8	928.3	967.8	1005.9	979.5	953.2	929.7	906.3	903.4
45°	836.0	831.6	841.9	852.1	894.6	935.6	909.2	881.4	868.2	855.1	855.1
47.5°	789.2	786.2	793.6	799.4	825.8	850.7	837.5	824.3	817.0	809.7	811.1
50°	746.7	743.8	751.1	757.0	767.2	776.0	778.9	780.4	776.0	771.6	774.5
52.5°	707.2	707.2	710.1	711.6	724.8	737.9	737.9	736.5	736.5	736.5	739.4
55°	673.5	676.4	676.4	676.4	696.9	716.0	710.1	704.3	705.7	705.7	708.6
57.5°	639.8	644.2	647.2	650.1	670.6	691.1	685.2	679.4	679.4	679.4	680.8
60°	601.8	607.6	613.5	619.3	639.8	660.3	654.5	647.2	648.6	650.1	651.5
62.5°	565.2	571.0	576.9	582.7	603.2	623.7	617.9	610.6	614.9	617.9	617.9
65°	530.0	534.4	540.3	546.1	565.2	584.2	578.3	572.5	578.3	582.7	585.7
67.5°	490.5	493.4	499.3	505.1	524.2	543.2	537.3	530.0	537.3	543.2	549.1
70°	445.1	448.0	455.4	461.2	480.2	499.3	492.0	484.6	492.0	499.3	505.1
72.5°	395.3	398.2	405.6	411.4	433.4	455.4	446.6	437.8	446.6	455.4	458.3
75°	341.1	344.1	352.9	360.2	382.1	404.1	396.8	388.0	395.3	402.6	404.1
77.5°	282.6	287.0	298.7	310.4	328.0	345.5	341.1	336.8	341.1	345.5	345.5
80°	221.1	225.5	240.1	253.3	263.5	273.8	275.3	276.7	278.2	279.7	278.2
82.5°	164.0	169.8	183.0	196.2	196.2	196.2	207.9	218.2	218.2	216.7	215.2
85°	101.0	108.3	120.1	131.8	124.5	117.1	136.2	153.7	153.7	152.3	149.3
87.5°	20.5	27.8	39.5	49.8	42.5	35.1	54.2	73.2	74.7	74.7	71.7
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



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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: P320772

CATALOG NUMBER: GAN-SA8C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	9357.4	9471.6	9584.3	9613.6	9657.5	9676.6	9694.2	9837.6	9979.7	10146.6	10313.5
5°	7495.0	7579.9	7664.8	7678.0	7723.4	7746.8	7770.3	7944.5	8117.3	8350.1	8582.9
7.5°	5648.7	5669.2	5689.7	5686.8	5724.8	5776.1	5825.9	6011.8	6196.3	6446.7	6695.6
10°	4278.3	4325.1	4370.5	4413.0	4496.4	4593.0	4688.2	4878.6	5068.9	5316.3	5562.3
12.5°	3389.5	3443.7	3496.4	3543.2	3639.9	3768.7	3896.1	4124.5	4352.9	4648.7	4943.0
15°	2767.2	2762.9	2758.5	2790.7	2875.6	3016.2	3155.2	3396.8	3638.4	3963.5	4287.0
17.5°	2183.1	2161.1	2139.1	2164.0	2243.1	2358.7	2473.0	2677.9	2881.5	3196.2	3511.0
20°	1765.8	1751.1	1736.5	1759.9	1809.7	1858.0	1906.3	2054.2	2200.6	2456.8	2711.6
22.5°	1553.5	1552.0	1549.1	1562.3	1585.7	1610.6	1634.0	1705.7	1776.0	1941.5	2105.5
25°	1429.0	1427.5	1426.1	1431.9	1451.0	1470.0	1489.0	1535.9	1582.7	1661.8	1740.9
27.5°	1329.5	1326.5	1323.6	1325.1	1329.5	1358.7	1386.6	1408.5	1429.0	1483.2	1535.9
30°	1248.9	1247.5	1246.0	1246.0	1241.6	1251.9	1262.1	1295.8	1328.0	1383.6	1439.3
32.5°	1180.1	1172.8	1165.5	1149.4	1139.1	1153.8	1168.4	1203.5	1238.7	1289.9	1341.2
35°	1093.7	1074.7	1054.2	1045.4	1046.9	1061.5	1076.2	1111.3	1145.0	1200.6	1254.8
37.5°	1000.0	994.2	986.8	985.4	989.8	1004.4	1019.1	1049.8	1079.1	1134.7	1188.9
40°	947.3	944.4	941.4	938.5	941.4	956.1	970.7	1000.0	1027.8	1082.0	1134.7
42.5°	900.5	899.0	897.5	897.5	899.0	915.1	931.2	960.5	988.3	1036.6	1084.9
45°	855.1	856.5	856.5	859.5	863.8	880.0	894.6	926.8	959.0	1005.9	1052.7
47.5°	812.6	817.0	819.9	827.2	831.6	849.2	865.3	900.5	935.6	994.2	1051.3
50°	776.0	780.4	783.3	789.2	800.9	821.4	841.9	884.3	925.3	1023.4	1120.1
52.5°	742.3	746.7	751.1	757.0	771.6	795.0	818.5	871.2	922.4	1036.6	1150.8
55°	711.6	716.0	718.9	727.7	742.3	762.8	781.9	846.3	910.7	994.2	1077.6
57.5°	682.3	686.7	689.6	695.5	702.8	724.8	745.3	814.1	882.9	941.4	998.6
60°	651.5	654.5	655.9	655.9	661.8	686.7	711.6	799.4	885.8	875.6	863.8
62.5°	617.9	620.8	622.3	617.9	625.2	651.5	677.9	792.1	906.3	836.0	765.8
65°	587.1	585.7	584.2	579.8	588.6	614.9	639.8	696.9	754.0	726.2	698.4
67.5°	553.4	549.1	544.7	538.8	547.6	571.0	593.0	612.0	631.0	634.0	636.9
70°	511.0	505.1	499.3	497.8	502.2	521.2	540.3	553.4	565.2	571.0	575.4
72.5°	461.2	456.8	452.4	449.5	451.0	467.1	481.7	493.4	505.1	509.5	512.5
75°	405.6	405.6	404.1	395.3	395.3	408.5	420.2	430.5	440.7	446.6	452.4
77.5°	345.5	347.0	347.0	335.3	333.8	347.0	358.7	367.5	374.8	380.7	385.1
80°	276.7	273.8	270.9	263.5	260.6	276.7	291.4	298.7	304.5	306.0	306.0
82.5°	212.3	206.4	199.1	183.0	184.5	202.1	218.2	224.0	229.9	229.9	229.9
85°	145.0	133.2	120.1	106.9	108.3	127.4	145.0	150.8	156.7	159.6	161.1
87.5°	68.8	57.1	43.9	33.7	33.7	49.8	64.4	67.4	70.3	76.1	82.0
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: P320772
 CATALOG NUMBER: GAN-SA8C-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: P320772

CATALOG NUMBER: GAN-SA8C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	10440.9	10566.8	10697.1	10827.4	10976.8	11126.1	11300.3	11473.1	11621.0	11768.9	11891.8
5°	8783.5	8984.0	9219.8	9455.5	9755.6	10055.8	10423.3	10789.3	11115.8	11442.4	11821.6
7.5°	6957.7	7218.3	7525.7	7833.2	8221.2	8609.2	9085.1	9560.9	10022.1	10481.9	11064.6
10°	5836.1	6109.9	6413.0	6714.6	7109.9	7503.8	8007.4	8509.7	9028.0	9544.8	10203.7
12.5°	5247.5	5550.6	5817.1	6083.6	6404.2	6723.4	7211.0	7698.5	8307.6	8915.2	9549.2
15°	4619.4	4950.3	5269.5	5588.7	5938.6	6287.1	6761.5	7235.8	7902.0	8568.2	9297.4
17.5°	3859.5	4208.0	4597.4	4985.4	5442.3	5897.6	6505.2	7112.9	7902.0	8689.7	9549.2
20°	3067.4	3423.2	3888.8	4354.4	4922.5	5489.1	6276.8	7064.5	8127.5	9189.0	10285.7
22.5°	2420.2	2733.6	3241.6	3748.2	4404.2	5060.1	6070.4	7079.2	8468.7	9856.7	11336.9
25°	1962.0	2183.1	2682.3	3180.1	3937.1	4694.1	5944.5	7193.4	8965.0	10735.2	12571.2
27.5°	1680.8	1825.8	2291.4	2755.5	3582.8	4408.6	5893.2	7376.4	9594.6	11812.8	13913.8
30°	1540.3	1641.3	2035.2	2427.6	3268.0	4108.4	5831.7	7555.0	10200.7	12845.0	14963.6
32.5°	1423.2	1503.7	1840.4	2175.7	2995.7	3815.6	5713.1	7609.2	10623.9	13638.6	15852.4
35°	1323.6	1390.9	1683.8	1976.6	2781.9	3587.2	5514.0	7440.8	10888.9	14337.0	16777.7
37.5°	1243.1	1295.8	1566.6	1837.5	2597.4	3357.3	5287.1	7216.8	11124.6	15032.5	17818.7
40°	1180.1	1225.5	1478.8	1732.1	2421.7	3111.3	5092.3	7071.9	11449.7	15827.5	18918.3
42.5°	1145.0	1203.5	1402.7	1600.3	2254.8	2909.3	4935.7	6962.0	11751.3	16539.1	19880.3
45°	1136.2	1219.6	1363.1	1506.6	2130.3	2754.1	4796.6	6837.6	11946.0	17054.4	20605.0
47.5°	1121.5	1190.4	1332.4	1474.4	2068.8	2661.8	4721.9	6780.5	12140.8	17499.5	21206.8
50°	1130.3	1139.1	1307.5	1474.4	2060.1	2645.7	4806.8	6967.9	12562.4	18155.5	21894.9
52.5°	1114.2	1076.2	1260.6	1445.1	2058.6	2672.1	5051.3	7430.6	13345.7	19259.5	22640.2
55°	1029.3	979.5	1172.8	1366.1	2027.9	2688.2	5342.7	7995.7	14397.0	20796.8	23979.9
57.5°	954.6	909.2	1073.2	1235.7	1934.1	2632.5	5642.8	8651.7	15508.3	22363.5	25489.4
60°	855.1	844.8	961.9	1079.1	1789.2	2497.8	5890.3	9281.3	16255.0	23227.3	26070.7
62.5°	773.1	778.9	865.3	951.7	1607.6	2262.1	5972.3	9681.0	16234.5	22788.1	25485.0
65°	710.1	720.4	805.3	890.2	1452.4	2014.7	5702.9	9389.6	15413.1	21435.2	24326.9
67.5°	648.6	660.3	761.4	860.9	1314.8	1767.2	5029.4	8290.0	13935.8	19580.1	22854.0
70°	590.1	604.7	714.5	824.3	1215.2	1604.7	4161.1	6717.5	12086.6	17454.2	21148.2
72.5°	527.1	541.7	658.9	776.0	1152.3	1527.1	3392.4	5256.3	9808.4	14358.9	18089.6
75°	462.7	472.9	600.3	726.2	1065.9	1405.6	2661.8	3916.6	7506.7	11096.8	13663.5
77.5°	398.2	411.4	518.3	623.7	904.8	1184.5	2005.9	2827.3	5508.1	8187.5	9502.3
80°	317.7	329.4	405.6	480.2	698.4	915.1	1379.2	1843.4	3790.7	5738.0	6478.9
82.5°	243.0	256.2	307.5	357.3	497.8	638.4	836.0	1033.7	2518.3	4001.5	4063.0
85°	166.9	171.3	207.9	243.0	307.5	371.9	478.8	585.7	1666.2	2746.7	2288.5
87.5°	83.5	83.5	108.3	133.2	165.4	197.7	253.3	307.5	533.0	758.4	436.3
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: P320772
 CATALOG NUMBER: GAN-SA8C-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: P320772

CATALOG NUMBER: GAN-SA8C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	12048.5	12155.4	12263.7	12345.7	12429.2	12549.3	12669.3	12691.3	12714.7	12667.8	12621.0
5°	12203.7	12527.3	12852.3	13152.5	13452.6	13632.7	13812.8	13849.4	13886.0	13773.3	13659.1
7.5°	11628.3	12192.0	12755.7	13272.5	13789.4	14102.7	14417.5	14487.8	14559.5	14375.0	14190.6
10°	10859.6	11552.2	12244.7	12925.5	13606.4	14061.7	14517.1	14607.8	14698.6	14468.8	14238.9
12.5°	10265.2	11004.6	11744.0	12461.4	13180.3	13651.8	14123.2	14236.0	14348.7	14181.8	14013.4
15°	10082.2	10777.6	11473.1	12098.3	12724.9	13110.0	13496.6	13541.9	13588.8	13562.4	13536.1
17.5°	10414.5	11042.6	11672.2	12011.9	12353.1	12506.8	12662.0	12711.8	12763.0	12828.9	12896.3
20°	11219.8	11662.0	12105.6	12091.0	12074.9	12000.2	11924.1	11910.9	11897.7	12086.6	12276.9
22.5°	12421.9	12597.6	12774.7	12363.3	11951.9	11701.5	11449.7	11399.9	11348.6	11549.2	11751.3
25°	13726.4	13694.2	13660.5	12877.2	12092.4	11615.1	11137.8	11082.2	11026.5	11197.8	11370.6
27.5°	15017.8	14807.0	14596.1	13531.7	12467.3	11774.7	11082.2	11026.5	10970.9	11123.2	11275.4
30°	15965.1	15626.9	15288.7	14083.7	12878.7	12055.8	11233.0	11142.2	11050.0	11237.4	11424.8
32.5°	16704.5	16250.6	15796.7	14531.7	13266.7	12376.5	11486.3	11344.3	11202.2	11452.6	11703.0
35°	17442.4	16804.1	16164.2	14931.4	13697.1	12755.7	11812.8	11638.5	11464.3	11808.4	12152.5
37.5°	18370.7	17454.2	16536.1	15380.9	14225.7	13323.8	12420.4	12241.8	12063.2	12500.9	12940.2
40°	19378.1	18155.5	16932.9	15872.9	14812.8	14110.0	13405.8	13235.9	13064.6	13597.6	14130.5
42.5°	20215.6	18808.5	17401.5	16465.9	15528.8	15033.9	14537.6	14536.1	14533.2	15073.4	15613.7
45°	20896.4	19353.2	17808.5	17044.2	16278.4	16020.8	15763.1	15969.5	16176.0	16663.5	17152.5
47.5°	21404.4	19810.0	18214.1	17706.0	17197.9	17236.0	17274.1	17694.3	18114.5	18427.8	18742.6
50°	21735.3	20224.3	18711.9	18555.2	18398.5	18739.7	19082.3	19564.0	20047.2	20260.9	20474.7
52.5°	22217.0	20786.6	19354.6	19530.3	19706.0	20403.0	21099.9	21587.5	22075.0	22154.1	22234.6
55°	23331.3	21820.3	20307.8	20644.5	20982.8	22004.7	23028.2	23408.9	23789.5	23818.8	23848.1
57.5°	24914.0	23268.3	21622.6	21985.7	22348.8	23528.9	24710.5	25120.5	25531.9	25474.8	25416.2
60°	26098.5	24643.1	23186.3	23552.4	23918.4	25069.2	26220.0	26691.5	27164.4	27038.5	26912.6
62.5°	26171.7	25394.3	24615.3	24946.2	25278.6	26406.0	27533.4	28018.0	28502.7	28283.0	28063.4
65°	25007.7	25356.2	25704.7	25814.5	25924.3	26975.5	28028.3	28398.7	28770.6	28659.3	28548.0
67.5°	23404.5	24688.5	25974.1	25753.0	25531.9	26025.3	26518.7	26900.9	27283.0	27220.1	27155.6
70°	21804.2	23518.7	25233.2	24146.8	23058.9	22855.4	22651.9	23063.3	23476.2	23221.5	22965.2
72.5°	19079.4	20906.6	22735.4	20733.9	18732.4	18036.9	17341.4	17864.1	18386.8	17981.3	17574.2
75°	14976.8	16995.9	19016.4	16628.4	14240.3	13312.1	12383.8	12833.3	13282.8	13004.6	12724.9
77.5°	11149.5	13139.3	15129.1	12701.5	10272.5	9582.9	8891.8	9025.0	9159.7	9112.9	9064.6
80°	7562.3	8948.9	10336.9	8720.5	7104.1	7156.8	7211.0	7148.0	7083.6	7177.3	7271.0
82.5°	4825.8	5896.1	6967.9	6109.9	5251.9	5743.9	6235.8	5994.2	5751.2	5840.5	5931.3
85°	2754.1	3800.9	4849.3	4519.8	4188.9	4475.9	4764.4	4389.5	4014.7	4178.7	4344.1
87.5°	726.2	2102.5	3480.3	3159.6	2839.0	2467.1	2095.2	1598.9	1102.5	1610.6	2118.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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: P320772

CATALOG NUMBER: GAN-SA8C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8	11156.8
2.5°	12596.1	12571.2	12481.9	12391.1	12256.4	12145.1	11951.9
5°	13500.9	13342.8	13070.5	12796.7	12492.1	12142.2	11754.2
7.5°	13821.6	13451.2	12928.5	12404.3	11932.8	11379.4	10864.0
10°	13685.4	13130.5	12451.2	11770.3	11197.8	10560.9	9988.4
12.5°	13424.8	12834.8	12086.6	11336.9	10685.4	10001.6	9360.3
15°	13066.1	12594.6	11893.3	11192.0	10536.0	9871.3	9111.4
17.5°	12673.7	12449.7	11943.1	11435.0	10866.9	10222.7	9331.0
20°	12357.4	12439.4	12237.4	12035.3	11580.0	11017.7	10016.3
22.5°	12143.7	12537.5	12692.7	12849.4	12575.6	12136.4	10978.2
25°	12023.6	12676.6	13196.4	13717.6	13596.1	13257.9	12146.6
27.5°	12076.3	12877.2	13684.0	14492.2	14604.9	14511.2	13378.0
30°	12234.5	13045.6	14028.0	15012.0	15461.4	15587.4	14404.3
32.5°	12498.0	13293.0	14363.3	15435.1	16114.5	16515.6	15342.9
35°	12896.3	13640.0	14755.7	15871.4	16749.9	17482.0	16312.1
37.5°	13580.0	14219.8	15249.1	16279.9	17419.0	18518.6	17379.5
40°	14581.5	15033.9	15903.6	16774.8	18208.2	19692.8	18569.8
42.5°	15845.1	16077.9	16767.5	17457.1	19032.5	20758.8	19733.8
45°	17214.0	17275.5	17708.9	18143.8	19685.5	21485.0	20607.9
47.5°	18531.8	18320.9	18493.7	18666.5	20186.3	22003.3	21271.2
50°	19887.6	19300.5	19209.7	19118.9	20687.0	22613.8	22114.6
52.5°	21266.8	20299.0	19940.3	19580.1	21284.4	23423.5	23164.4
55°	22616.8	21385.4	20902.2	20419.1	22198.0	24411.8	24706.1
57.5°	24020.9	22625.5	22177.5	21729.5	23540.6	25663.7	26089.7
60°	25531.9	24149.7	23791.0	23430.8	25209.8	27016.5	26706.1
62.5°	26965.3	25867.2	25678.3	25488.0	26897.9	28056.1	26466.0
65°	27922.9	27296.2	27471.9	27649.1	28174.7	28315.2	25763.2
67.5°	27283.0	27410.4	28152.7	28896.5	28534.9	27545.1	24378.1
70°	23728.1	24492.3	26250.8	28010.7	27208.3	25482.1	21892.0
72.5°	18432.2	19291.7	21902.3	24514.3	23774.9	21660.7	17981.3
75°	13694.2	14665.0	17546.4	20427.9	19401.5	16202.3	12874.3
77.5°	9714.7	10364.7	13209.6	16055.9	14382.4	10784.9	8663.4
80°	7071.9	6872.7	8458.4	10044.1	9765.9	7133.4	5563.8
82.5°	5445.2	4959.1	5705.8	6452.5	6411.5	4950.3	4082.1
85°	4149.4	3954.7	4615.0	5275.3	4710.2	3352.9	2594.5
87.5°	2418.8	2720.4	3497.9	4276.8	3209.4	1017.6	503.7
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: P320772

CATALOG NUMBER: GAN-SA8C-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)