

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: P320572

Luminaire Tested: **GAN-SA8C-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320572
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-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 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: 41661 lumens
Efficiency: N/A
Efficacy: 93.6 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



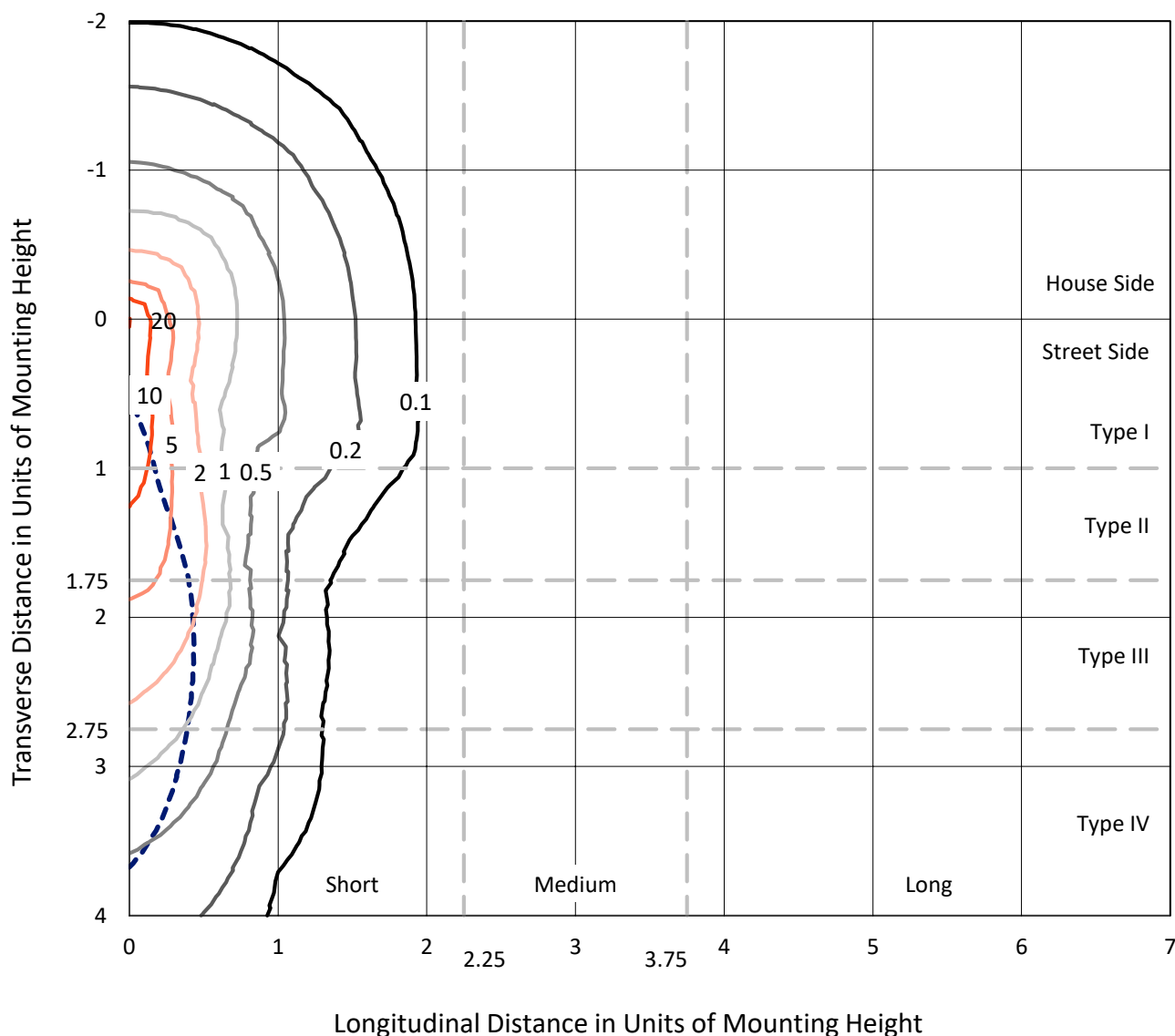
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

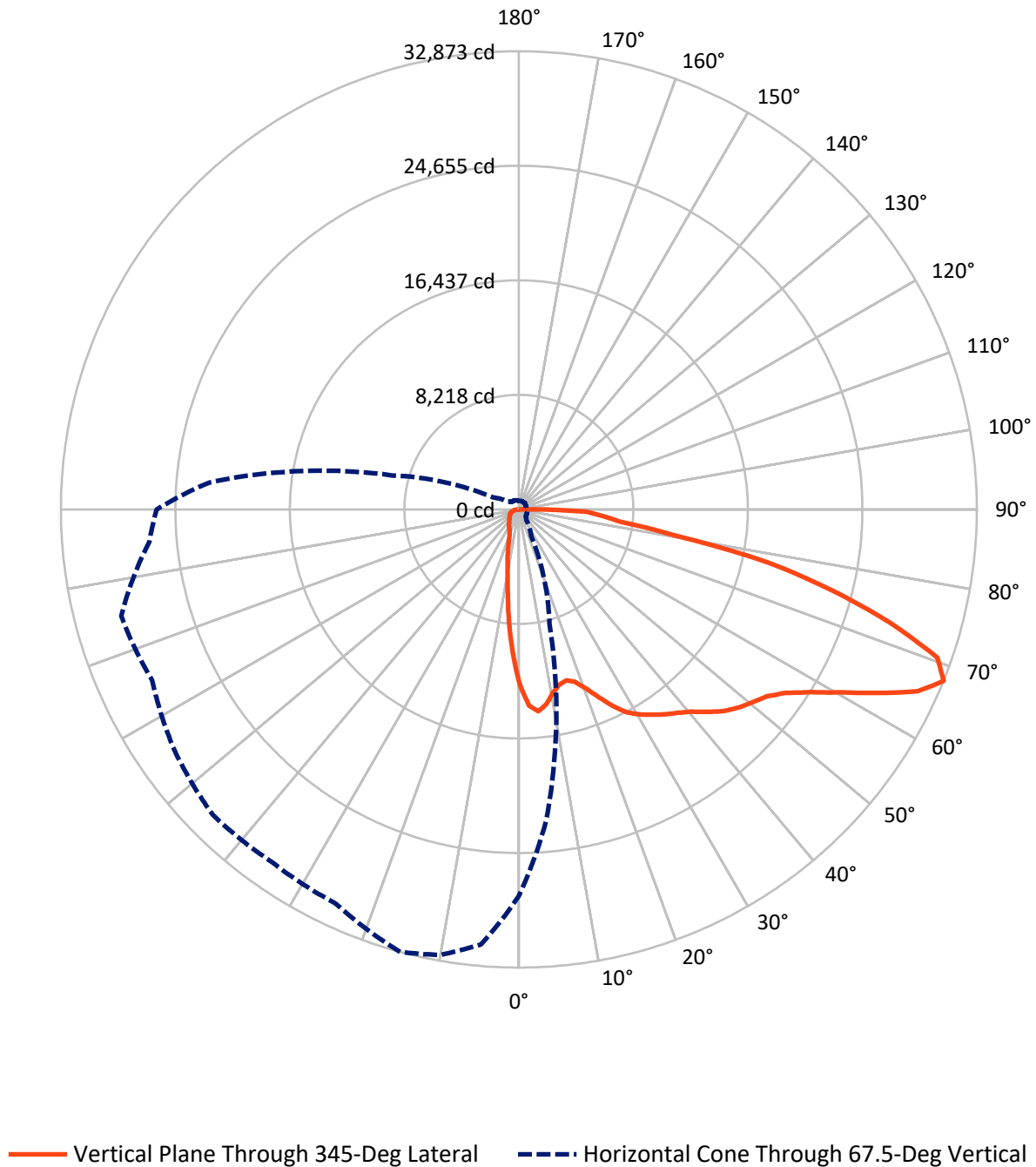
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.3 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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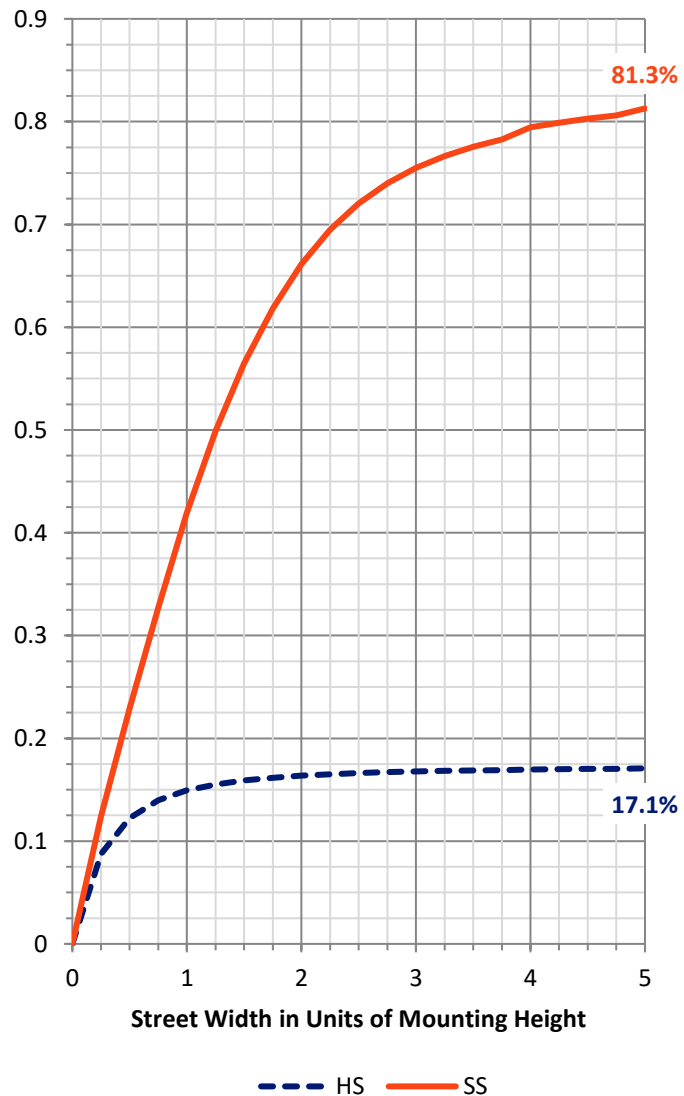
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7202.3	0.0	7202.3
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	34458.7	0.0	34458.7
	% Fixture	82.7	0.0	82.7
Total	Lumens	41661.0	0.0	41661.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	979.6	2.4
10°-20°	2034.9	4.9
20°-30°	2894.1	6.9
30°-40°	4170.4	10.0
40°-50°	5877.3	14.1
50°-60°	8170.5	19.6
60°-70°	9880.5	23.7
70°-80°	6073.4	14.6
80°-90°	1580.3	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	41661.0	100.0
0°-180°	41661.0	100.0

Coefficient of Utilization



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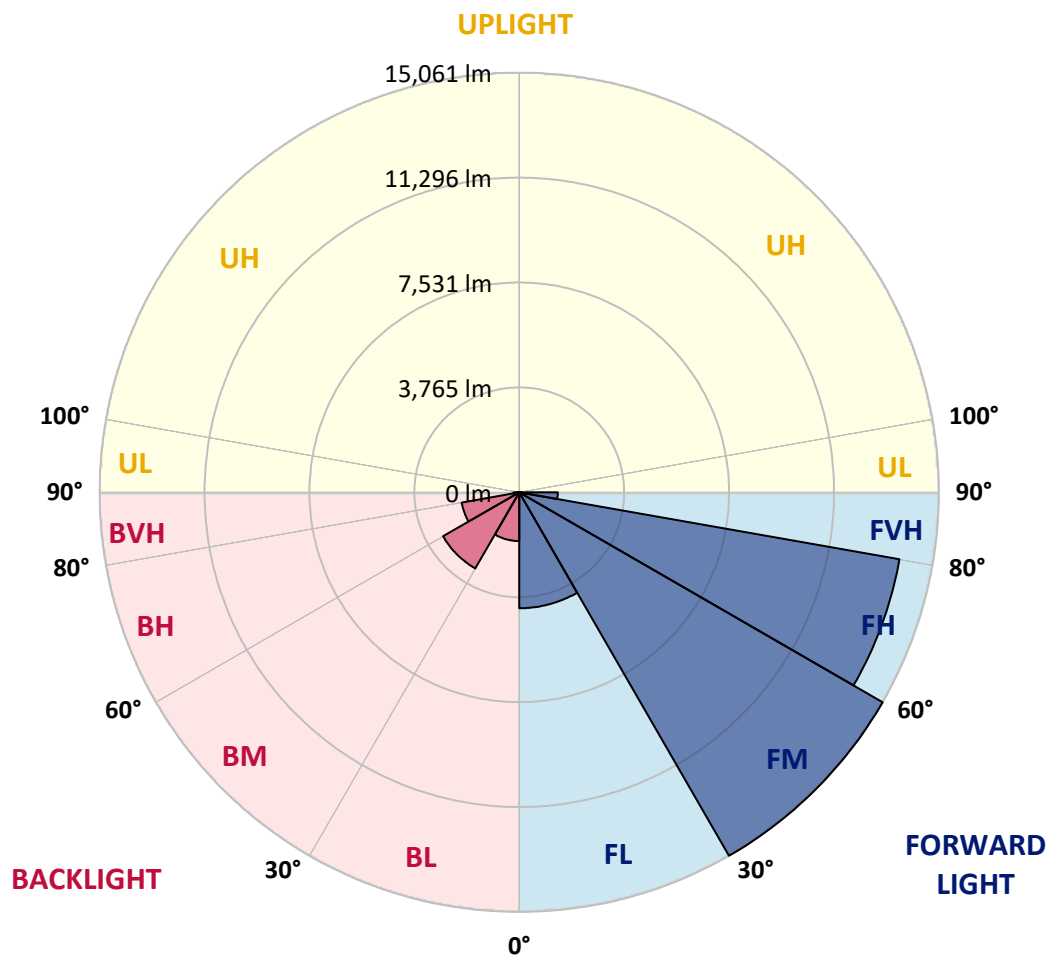
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4159.9	10.0			
FM	(30°-60°)	15061.5	36.2			
FH	(60°-80°)	13855.0	33.3			G5
FVH	(80°-90°)	1382.2	3.3			G5
BL	(0°-30°)	1748.7	4.2	B3/2500		
BM	(30°-60°)	3156.7	7.6	B3/5000		
BH	(60°-80°)	2098.9	5.0	B3/2500		G3/2500
BVH	(80°-90°)	198.1	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°	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3
2.5°	13596.8	13476.8	13295.3	13113.7	12978.8	12842.2	12687.3	12532.4	12355.8	12177.6	12072.7
5°	13371.9	13038.8	12605.7	12172.6	11886.1	11599.6	11274.8	10950.0	10628.6	10307.1	10133.9
7.5°	12359.2	11859.5	11296.5	10733.5	10317.1	9899.0	9449.3	8997.9	8598.1	8196.7	7948.5
10°	11363.1	10763.5	10117.2	9469.3	8936.3	8403.2	7951.9	7498.8	7197.3	6895.8	6667.6
12.5°	10648.6	9984.0	9272.7	8559.8	8026.8	7493.8	7207.3	6920.8	6671.0	6421.1	6157.9
15°	10365.4	9614.2	8886.3	8156.7	7672.0	7187.3	6869.2	6549.4	6214.6	5878.1	5555.0
17.5°	10615.2	9735.8	8944.6	8153.4	7518.8	6884.2	6439.4	5993.0	5551.6	5110.2	4735.5
20°	11394.8	10272.1	9237.7	8201.7	7357.2	6512.7	5916.4	5318.4	4752.1	4185.8	3761.1
22.5°	12489.1	11003.3	9652.5	8301.6	7210.6	6118.0	5370.1	4620.5	3950.9	3281.3	2864.9
25°	13818.3	11972.7	10250.5	8526.5	7150.7	5773.2	4853.7	3934.3	3228.0	2520.1	2223.7
27.5°	15219.1	13128.7	10993.3	8856.3	7160.7	5465.0	4419.0	3371.3	2735.0	2098.7	1895.5
30°	16386.7	14449.6	11859.5	9267.7	7199.0	5130.2	4009.2	2888.3	2363.6	1838.9	1707.3
32.5°	17454.4	15370.7	12512.4	9652.5	7242.3	4830.4	3692.8	2553.5	2125.4	1695.6	1587.4
35°	18557.1	16188.5	12968.8	9747.4	7167.3	4585.6	3476.2	2366.9	1972.1	1575.7	1484.1
37.5°	19771.4	17073.0	13408.5	9742.4	7040.7	4339.0	3308.0	2275.3	1872.2	1467.4	1400.8
40°	21125.5	18050.7	13884.9	9719.1	6925.8	4130.8	3183.1	2233.6	1817.2	1399.2	1342.5
42.5°	22449.7	18983.5	14328.0	9672.5	6832.5	3990.9	3059.8	2128.7	1767.3	1404.1	1324.2
45°	23444.1	19798.0	14712.8	9625.8	6762.6	3899.3	2963.2	2027.1	1720.6	1414.1	1312.5
47.5°	24198.7	20615.8	15139.2	9660.8	6755.9	3851.0	2894.9	1938.8	1632.3	1324.2	1282.6
50°	25158.1	21598.6	15760.5	9922.3	6847.5	3772.7	2815.0	1855.5	1547.4	1239.2	1295.9
52.5°	26352.4	23001.1	16723.2	10443.7	7039.1	3634.5	2688.4	1742.3	1444.1	1144.3	1232.6
55°	28106.3	24798.3	17954.1	11108.3	7270.6	3431.3	2496.8	1560.7	1307.5	1052.7	1131.0
57.5°	29680.4	26613.9	19135.1	11654.6	7415.5	3174.7	2255.3	1335.9	1154.3	972.7	1017.7
60°	30381.6	27550.0	19688.1	11824.5	7328.9	2833.3	1983.8	1132.6	1019.4	906.1	897.8
62.5°	30108.4	26955.3	19143.4	11331.5	6905.8	2480.2	1743.9	1007.7	922.8	836.2	817.8
65°	29308.9	25086.5	17617.7	10148.9	6191.2	2233.6	1592.4	951.1	856.1	761.2	741.2
67.5°	27733.2	22426.4	15455.6	8484.9	5283.5	2082.1	1505.8	929.4	814.5	697.9	674.6
70°	24904.9	19225.0	12965.5	6704.3	4347.4	1988.8	1449.1	909.4	769.5	628.0	606.3
72.5°	20455.9	15414.0	10353.7	5291.8	3634.5	1977.1	1442.5	907.8	732.9	558.0	538.0
75°	14646.1	11707.9	7903.5	4097.5	2976.5	1855.5	1369.2	882.8	682.9	481.4	463.1
77.5°	9855.7	8103.4	5493.3	2881.6	2208.7	1535.7	1151.0	766.2	584.6	403.1	384.8
80°	6329.5	5608.3	3681.1	1753.9	1432.5	1111.0	822.8	534.7	426.4	316.5	301.5
82.5°	4643.9	4174.1	2558.5	942.8	796.2	647.9	503.0	358.1	291.5	224.9	218.2
85°	2951.5	3254.7	1883.9	513.0	419.7	326.5	269.8	213.2	168.2	123.3	123.3
87.5°	573.0	792.9	521.4	248.2	181.6	114.9	98.3	80.0	45.0	8.3	10.0
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



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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°	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3
2.5°	11966.1	11851.2	11736.2	11606.3	11474.7	11353.1	11229.9	11094.9	11119.9	11016.7	10913.4
5°	9960.6	9777.4	9592.5	9432.6	9272.7	9134.5	8994.6	8869.6	8977.9	8904.6	8831.3
7.5°	7698.7	7472.1	7243.9	7052.4	6860.8	6712.6	6562.7	6459.4	6566.0	6552.7	6539.4
10°	6439.4	6219.6	5998.0	5786.5	5575.0	5395.1	5213.5	5060.3	5033.6	4957.0	4878.7
12.5°	5893.1	5591.6	5288.5	5066.9	4845.4	4630.5	4415.7	4235.8	4154.2	4027.6	3899.3
15°	5231.8	4875.4	4518.9	4267.4	4014.2	3806.0	3596.2	3441.2	3389.6	3291.3	3193.1
17.5°	4360.7	3970.9	3581.2	3326.3	3069.8	2903.2	2735.0	2631.7	2631.7	2603.4	2575.1
20°	3336.3	2988.2	2640.1	2445.2	2250.3	2162.0	2072.1	2028.8	2042.1	2043.8	2043.8
22.5°	2446.9	2233.6	2020.4	1942.2	1862.2	1830.6	1798.9	1780.6	1787.3	1788.9	1790.6
25°	1927.2	1845.5	1762.3	1722.3	1680.6	1660.7	1640.7	1634.0	1649.0	1650.7	1650.7
27.5°	1692.3	1642.3	1590.7	1565.7	1539.1	1530.7	1522.4	1510.8	1525.7	1525.7	1524.1
30°	1574.0	1520.7	1467.4	1435.8	1404.1	1407.5	1409.1	1405.8	1415.8	1422.5	1427.5
32.5°	1477.4	1425.8	1374.2	1342.5	1309.2	1304.2	1299.2	1295.9	1317.5	1329.2	1340.9
35°	1390.8	1334.2	1277.6	1247.6	1217.6	1205.9	1194.3	1185.9	1205.9	1220.9	1235.9
37.5°	1332.5	1274.2	1214.3	1185.9	1156.0	1141.0	1126.0	1116.0	1124.3	1131.0	1137.6
40°	1285.9	1225.9	1164.3	1131.0	1097.7	1082.7	1067.7	1059.4	1064.4	1066.0	1067.7
42.5°	1242.6	1184.3	1126.0	1089.3	1051.0	1032.7	1014.4	1004.4	1007.7	1011.1	1012.7
45°	1210.9	1152.6	1092.7	1049.4	1004.4	984.4	964.4	952.8	954.4	954.4	954.4
47.5°	1240.9	1156.0	1069.4	1019.4	967.7	944.4	921.1	909.4	906.1	902.8	899.5
50°	1350.8	1205.9	1059.4	996.1	931.1	906.1	879.5	866.1	857.8	854.5	851.2
52.5°	1319.2	1194.3	1067.7	986.1	902.8	872.8	842.8	821.2	812.8	807.8	802.8
55°	1207.6	1129.3	1049.4	951.1	852.8	826.2	797.9	782.9	767.9	764.5	761.2
57.5°	1061.0	1029.4	997.7	897.8	797.9	772.9	746.2	736.2	722.9	722.9	721.2
60°	887.8	934.4	981.1	866.1	749.5	721.2	692.9	684.6	679.6	677.9	676.3
62.5°	797.9	874.5	949.4	827.8	704.6	674.6	644.6	634.6	632.9	634.6	634.6
65°	721.2	744.5	767.9	711.2	654.6	624.6	593.0	583.0	586.3	591.3	596.3
67.5°	651.3	646.3	641.3	621.3	599.6	574.7	548.0	538.0	539.7	546.3	553.0
70°	584.6	578.0	569.7	554.7	539.7	518.0	496.4	489.7	488.0	496.4	503.0
72.5°	518.0	509.7	499.7	488.0	474.7	456.4	438.1	433.1	434.7	439.7	444.7
75°	444.7	438.1	429.7	419.7	408.1	391.4	374.8	371.4	374.8	379.8	384.8
77.5°	364.8	363.1	359.8	351.5	343.1	324.8	304.8	303.1	308.1	313.1	316.5
80°	284.8	286.5	288.2	281.5	274.8	254.8	233.2	231.5	236.5	241.5	246.5
82.5°	209.9	214.9	218.2	209.9	201.5	178.2	154.9	151.6	168.2	173.2	178.2
85°	121.6	128.3	134.9	128.3	121.6	98.3	75.0	73.3	88.3	96.6	104.9
87.5°	10.0	13.3	16.7	15.0	13.3	6.7	0.0	0.0	1.7	8.3	15.0
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: P320572
 CATALOG NUMBER: GAN-SA8C-727-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: P320572

CATALOG NUMBER: GAN-SA8C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3
2.5°	10848.4	10783.5	10763.5	10743.5	10670.2	10595.2	10671.9	10746.8	10778.5	10810.1	10728.5
5°	8821.3	8809.7	8809.7	8808.0	8741.4	8673.1	8724.7	8774.7	8663.1	8551.5	8539.8
7.5°	6611.0	6682.6	6740.9	6797.5	6775.9	6754.2	6802.5	6850.9	6709.3	6566.0	6496.1
10°	4895.4	4910.4	4973.7	5036.9	5051.9	5065.3	5125.2	5183.5	5073.6	4963.7	4915.4
12.5°	3819.4	3739.4	3747.7	3754.4	3784.4	3812.7	3876.0	3937.6	3892.6	3846.0	3851.0
15°	3093.1	2991.5	2949.9	2906.6	2939.9	2973.2	3018.2	3061.5	3063.1	3063.1	3106.5
17.5°	2525.1	2473.5	2431.9	2388.6	2433.5	2476.8	2481.8	2486.8	2488.5	2490.2	2486.8
20°	2068.7	2093.7	2080.4	2067.1	2083.7	2098.7	2112.1	2123.7	2108.7	2092.1	2050.4
22.5°	1813.9	1835.6	1852.2	1867.2	1895.5	1922.2	1908.8	1893.9	1863.9	1832.2	1800.6
25°	1665.7	1680.6	1697.3	1714.0	1737.3	1758.9	1735.6	1712.3	1690.6	1669.0	1647.3
27.5°	1540.7	1555.7	1570.7	1584.0	1605.7	1625.7	1604.0	1582.4	1564.1	1545.7	1529.1
30°	1439.1	1449.1	1460.8	1472.4	1492.4	1510.8	1492.4	1472.4	1459.1	1444.1	1432.5
32.5°	1352.5	1362.5	1367.5	1372.5	1390.8	1409.1	1395.8	1382.5	1370.8	1359.2	1350.8
35°	1257.6	1277.6	1280.9	1284.2	1302.5	1320.9	1312.5	1302.5	1289.2	1275.9	1260.9
37.5°	1161.0	1184.3	1197.6	1209.3	1227.6	1245.9	1237.6	1229.3	1210.9	1192.6	1166.0
40°	1079.3	1089.3	1114.3	1137.6	1167.6	1195.9	1179.3	1161.0	1132.6	1104.3	1091.0
42.5°	1011.1	1009.4	1032.7	1056.0	1101.0	1144.3	1114.3	1084.3	1057.7	1031.0	1027.7
45°	951.1	946.1	957.8	969.4	1017.7	1064.4	1034.4	1002.7	987.7	972.7	972.7
47.5°	897.8	894.5	902.8	909.4	939.4	967.7	952.8	937.8	929.4	921.1	922.8
50°	849.5	846.2	854.5	861.1	872.8	882.8	886.1	887.8	882.8	877.8	881.1
52.5°	804.5	804.5	807.8	809.5	824.5	839.5	839.5	837.8	837.8	837.8	841.2
55°	766.2	769.5	769.5	769.5	792.9	814.5	807.8	801.2	802.8	802.8	806.2
57.5°	727.9	732.9	736.2	739.6	762.9	786.2	779.5	772.9	772.9	772.9	774.5
60°	684.6	691.2	697.9	704.6	727.9	751.2	744.5	736.2	737.9	739.6	741.2
62.5°	642.9	649.6	656.3	662.9	686.3	709.6	702.9	694.6	699.6	702.9	702.9
65°	603.0	608.0	614.6	621.3	642.9	664.6	657.9	651.3	657.9	662.9	666.3
67.5°	558.0	561.3	568.0	574.7	596.3	618.0	611.3	603.0	611.3	618.0	624.6
70°	506.4	509.7	518.0	524.7	546.3	568.0	559.7	551.3	559.7	568.0	574.7
72.5°	449.7	453.1	461.4	468.0	493.0	518.0	508.0	498.0	508.0	518.0	521.4
75°	388.1	391.4	401.4	409.8	434.7	459.7	451.4	441.4	449.7	458.1	459.7
77.5°	321.5	326.5	339.8	353.1	373.1	393.1	388.1	383.1	388.1	393.1	393.1
80°	251.5	256.5	273.2	288.2	299.8	311.5	313.1	314.8	316.5	318.1	316.5
82.5°	186.6	193.2	208.2	223.2	223.2	223.2	236.5	248.2	248.2	246.5	244.9
85°	114.9	123.3	136.6	149.9	141.6	133.3	154.9	174.9	174.9	173.2	169.9
87.5°	23.3	31.6	45.0	56.6	48.3	40.0	61.6	83.3	84.9	84.9	81.6
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



REPORT NUMBER: P320572
 CATALOG NUMBER: GAN-SA8C-727-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: P320572

CATALOG NUMBER: GAN-SA8C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3
2.5°	10645.2	10775.1	10903.4	10936.7	10986.7	11008.3	11028.3	11191.6	11353.1	11543.0	11732.9
5°	8526.5	8623.1	8719.7	8734.7	8786.3	8813.0	8839.6	9037.9	9234.4	9499.2	9764.1
7.5°	6426.1	6449.4	6472.7	6469.4	6512.7	6571.0	6627.7	6839.2	7049.1	7333.9	7617.1
10°	4867.1	4920.4	4972.0	5020.3	5115.2	5225.2	5333.4	5550.0	5766.5	6048.0	6327.8
12.5°	3856.0	3917.6	3977.6	4030.9	4140.8	4287.4	4432.3	4692.2	4952.0	5288.5	5623.3
15°	3148.1	3143.1	3138.1	3174.7	3271.4	3431.3	3589.5	3864.3	4139.2	4508.9	4877.0
17.5°	2483.5	2458.5	2433.5	2461.8	2551.8	2683.4	2813.3	3046.5	3278.0	3636.1	3994.2
20°	2008.8	1992.1	1975.5	2002.1	2058.8	2113.7	2168.7	2336.9	2503.5	2795.0	3084.8
22.5°	1767.3	1765.6	1762.3	1777.3	1803.9	1832.2	1858.9	1940.5	2020.4	2208.7	2395.2
25°	1625.7	1624.0	1622.4	1629.0	1650.7	1672.3	1694.0	1747.3	1800.6	1890.5	1980.5
27.5°	1512.4	1509.1	1505.8	1507.4	1512.4	1545.7	1577.4	1602.4	1625.7	1687.3	1747.3
30°	1420.8	1419.1	1417.5	1417.5	1412.5	1424.1	1435.8	1474.1	1510.8	1574.0	1637.3
32.5°	1342.5	1334.2	1325.9	1307.5	1295.9	1312.5	1329.2	1369.2	1409.1	1467.4	1525.7
35°	1244.2	1222.6	1199.3	1189.3	1190.9	1207.6	1224.3	1264.2	1302.5	1365.8	1427.5
37.5°	1137.6	1131.0	1122.7	1121.0	1126.0	1142.6	1159.3	1194.3	1227.6	1290.9	1352.5
40°	1077.7	1074.3	1071.0	1067.7	1071.0	1087.7	1104.3	1137.6	1169.3	1230.9	1290.9
42.5°	1024.4	1022.7	1021.0	1021.0	1022.7	1041.0	1059.4	1092.7	1124.3	1179.3	1234.3
45°	972.7	974.4	974.4	977.7	982.7	1001.1	1017.7	1054.4	1091.0	1144.3	1197.6
47.5°	924.4	929.4	932.8	941.1	946.1	966.1	984.4	1024.4	1064.4	1131.0	1195.9
50°	882.8	887.8	891.1	897.8	911.1	934.4	957.8	1006.1	1052.7	1164.3	1274.2
52.5°	844.5	849.5	854.5	861.1	877.8	904.5	931.1	991.1	1049.4	1179.3	1309.2
55°	809.5	814.5	817.8	827.8	844.5	867.8	889.5	962.8	1036.0	1131.0	1225.9
57.5°	776.2	781.2	784.5	791.2	799.5	824.5	847.8	926.1	1004.4	1071.0	1136.0
60°	741.2	744.5	746.2	746.2	752.9	781.2	809.5	909.4	1007.7	996.1	982.7
62.5°	702.9	706.2	707.9	702.9	711.2	741.2	771.2	901.1	1031.0	951.1	871.1
65°	667.9	666.3	664.6	659.6	669.6	699.6	727.9	792.9	857.8	826.2	794.5
67.5°	629.6	624.6	619.6	613.0	623.0	649.6	674.6	696.2	717.9	721.2	724.6
70°	581.3	574.7	568.0	566.3	571.3	593.0	614.6	629.6	642.9	649.6	654.6
72.5°	524.7	519.7	514.7	511.4	513.0	531.3	548.0	561.3	574.7	579.6	583.0
75°	461.4	461.4	459.7	449.7	449.7	464.7	478.0	489.7	501.4	508.0	514.7
77.5°	393.1	394.8	394.8	381.4	379.8	394.8	408.1	418.1	426.4	433.1	438.1
80°	314.8	311.5	308.1	299.8	296.5	314.8	331.5	339.8	346.5	348.1	348.1
82.5°	241.5	234.9	226.5	208.2	209.9	229.9	248.2	254.8	261.5	261.5	261.5
85°	164.9	151.6	136.6	121.6	123.3	144.9	164.9	171.6	178.2	181.6	183.2
87.5°	78.3	65.0	50.0	38.3	38.3	56.6	73.3	76.6	80.0	86.6	93.3
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: P320572
 CATALOG NUMBER: GAN-SA8C-727-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: P320572

CATALOG NUMBER: GAN-SA8C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3
2.5°	11877.8	12021.1	12169.3	12317.5	12487.4	12657.3	12855.5	13052.1	13220.3	13388.6	13528.5
5°	9992.3	10220.5	10488.6	10756.8	11098.3	11439.7	11857.8	12274.2	12645.7	13017.1	13448.5
7.5°	7915.2	8211.7	8561.5	8911.3	9352.7	9794.1	10335.4	10876.7	11401.4	11924.4	12587.4
10°	6639.3	6950.8	7295.6	7638.7	8088.4	8536.5	9109.5	9680.8	10270.4	10858.4	11608.0
12.5°	5969.7	6314.5	6617.7	6920.8	7285.6	7648.7	8203.4	8758.0	9450.9	10142.2	10863.4
15°	5255.2	5631.6	5994.7	6357.8	6755.9	7152.3	7692.0	8231.7	8989.6	9747.4	10576.9
17.5°	4390.7	4787.1	5230.2	5671.6	6191.2	6709.3	7400.5	8091.8	8989.6	9885.7	10863.4
20°	3489.6	3894.3	4424.0	4953.7	5599.9	6244.6	7140.7	8036.8	9246.1	10453.7	11701.2
22.5°	2753.3	3109.8	3687.8	4264.1	5010.3	5756.5	6905.8	8053.5	9634.2	11213.2	12897.2
25°	2232.0	2483.5	3051.5	3617.8	4479.0	5340.1	6762.6	8183.4	10198.8	12212.6	14301.3
27.5°	1912.2	2077.1	2606.8	3134.8	4075.9	5015.3	6704.3	8391.6	10915.1	13438.5	15828.7
30°	1752.3	1867.2	2315.3	2761.7	3717.7	4673.8	6634.3	8594.8	11604.6	14612.8	17023.0
32.5°	1619.0	1710.6	2093.7	2475.2	3407.9	4340.7	6499.4	8656.4	12086.0	15515.6	18034.1
35°	1505.8	1582.4	1915.5	2248.6	3164.7	4080.9	6272.9	8464.9	12387.5	16310.1	19086.8
37.5°	1414.1	1474.1	1782.3	2090.4	2954.9	3819.4	6014.7	8210.0	12655.7	17101.3	20271.1
40°	1342.5	1394.2	1682.3	1970.5	2755.0	3539.5	5793.2	8045.1	13025.4	18005.8	21522.0
42.5°	1302.5	1369.2	1595.7	1820.6	2565.1	3309.7	5614.9	7920.2	13368.6	18815.3	22616.3
45°	1292.6	1387.5	1550.7	1714.0	2423.5	3133.1	5456.7	7778.6	13590.1	19401.6	23440.8
47.5°	1275.9	1354.2	1515.7	1677.3	2353.6	3028.2	5371.7	7713.7	13811.6	19907.9	24125.4
50°	1285.9	1295.9	1487.4	1677.3	2343.6	3009.8	5468.4	7926.9	14291.3	20654.2	24908.2
52.5°	1267.6	1224.3	1434.1	1644.0	2341.9	3039.8	5746.5	8453.2	15182.5	21910.1	25756.1
55°	1171.0	1114.3	1334.2	1554.1	2306.9	3058.1	6078.0	9096.2	16378.4	23659.0	27280.1
57.5°	1086.0	1034.4	1220.9	1405.8	2200.3	2994.9	6419.4	9842.4	17642.6	25441.3	28997.4
60°	972.7	961.1	1094.3	1227.6	2035.4	2841.6	6700.9	10558.6	18492.1	26424.0	29658.7
62.5°	879.5	886.1	984.4	1082.7	1828.9	2573.4	6794.2	11013.3	18468.8	25924.3	28992.4
65°	807.8	819.5	916.1	1012.7	1652.3	2291.9	6487.7	10681.9	17534.4	24385.2	27674.9
67.5°	737.9	751.2	866.1	979.4	1495.8	2010.4	5721.5	9431.0	15853.7	22274.8	25999.3
70°	671.3	687.9	812.8	937.8	1382.5	1825.6	4733.8	7642.0	13750.0	19856.3	24058.8
72.5°	599.6	616.3	749.5	882.8	1310.9	1737.3	3859.3	5979.7	11158.2	16335.1	20579.2
75°	526.3	538.0	682.9	826.2	1212.6	1599.0	3028.2	4455.6	8539.8	12624.0	15543.9
77.5°	453.1	468.0	589.6	709.6	1029.4	1347.5	2282.0	3216.4	6266.2	9314.4	10810.1
80°	361.4	374.8	461.4	546.3	794.5	1041.0	1569.0	2097.1	4312.4	6527.7	7370.5
82.5°	276.5	291.5	349.8	406.4	566.3	726.2	951.1	1176.0	2864.9	4552.2	4622.2
85°	189.9	194.9	236.5	276.5	349.8	423.1	544.7	666.3	1895.5	3124.8	2603.4
87.5°	94.9	94.9	123.3	151.6	188.2	224.9	288.2	349.8	606.3	862.8	496.4
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: P320572
 CATALOG NUMBER: GAN-SA8C-727-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: P320572

CATALOG NUMBER: GAN-SA8C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3
2.5°	13706.7	13828.3	13951.5	14044.8	14139.8	14276.4	14412.9	14437.9	14464.6	14411.3	14358.0
5°	13883.3	14251.4	14621.1	14962.6	15304.1	15508.9	15713.8	15755.5	15797.1	15668.8	15538.9
7.5°	13228.7	13869.9	14511.2	15099.2	15687.2	16043.6	16401.7	16481.7	16563.3	16353.4	16143.6
10°	12354.2	13142.0	13929.9	14704.4	15479.0	15997.0	16515.0	16618.3	16721.5	16460.0	16198.5
12.5°	11677.9	12519.1	13360.2	14176.4	14994.3	15530.6	16066.9	16195.2	16323.4	16133.6	15942.0
15°	11469.7	12260.9	13052.1	13763.3	14476.2	14914.3	15354.0	15405.7	15459.0	15429.0	15399.0
17.5°	11847.8	12562.4	13278.6	13665.1	14053.2	14228.0	14404.6	14461.2	14519.5	14594.5	14671.1
20°	12763.9	13267.0	13771.7	13755.0	13736.7	13651.7	13565.1	13550.1	13535.1	13750.0	13966.5
22.5°	14131.4	14331.3	14532.9	14064.8	13596.8	13311.9	13025.4	12968.8	12910.5	13138.7	13368.6
25°	15615.5	15578.9	15540.6	14649.5	13756.7	13213.7	12670.7	12607.4	12544.1	12739.0	12935.5
27.5°	17084.7	16844.8	16604.9	15394.0	14183.1	13395.2	12607.4	12544.1	12480.8	12654.0	12827.2
30°	18162.3	17777.6	17392.8	16022.0	14651.1	13715.0	12778.9	12675.7	12570.7	12783.9	12997.1
32.5°	19003.5	18487.1	17970.8	16531.7	15092.5	14079.8	13067.1	12905.5	12743.9	13028.8	13313.6
35°	19843.0	19116.8	18388.9	16986.4	15582.2	14511.2	13438.5	13240.3	13042.1	13433.5	13825.0
37.5°	20899.0	19856.3	18811.9	17497.7	16183.5	15157.5	14129.8	13926.6	13723.4	14221.4	14721.1
40°	22045.0	20654.2	19263.3	18057.4	16851.5	16051.9	15250.8	15057.5	14862.7	15469.0	16075.3
42.5°	22997.7	21397.0	19796.3	18732.0	17666.0	17103.0	16538.3	16536.7	16533.3	17147.9	17762.6
45°	23772.3	22016.7	20259.4	19389.9	18518.8	18225.6	17932.5	18167.3	18402.2	18956.9	19513.2
47.5°	24350.3	22536.3	20720.8	20142.8	19564.8	19608.1	19651.4	20129.5	20607.5	20964.0	21322.1
50°	24726.7	23007.7	21287.1	21108.9	20930.7	21318.8	21708.5	22256.5	22806.2	23049.4	23292.6
52.5°	25274.7	23647.3	22018.3	22218.2	22418.1	23210.9	24003.8	24558.5	25113.1	25203.1	25294.7
55°	26542.3	24823.3	23102.7	23485.8	23870.5	25033.2	26197.5	26630.5	27063.6	27096.9	27130.2
57.5°	28342.8	26470.6	24598.4	25011.5	25424.6	26767.1	28111.3	28577.7	29045.7	28980.8	28914.2
60°	29690.3	28034.7	26377.4	26793.8	27210.2	28519.4	29828.6	30364.9	30902.9	30759.7	30616.5
62.5°	29773.6	28889.2	28003.0	28379.5	28757.6	30040.1	31322.7	31874.0	32425.4	32175.5	31925.7
65°	28449.4	28845.9	29242.3	29367.2	29492.1	30688.1	31885.7	32307.1	32730.2	32603.6	32477.0
67.5°	26625.5	28086.3	29548.8	29297.3	29045.7	29607.1	30168.4	30603.1	31037.9	30966.2	30893.0
70°	24805.0	26755.5	28705.9	27470.0	26232.4	26000.9	25769.4	26237.4	26707.2	26417.3	26125.8
72.5°	21705.2	23783.9	25864.3	23587.4	21310.4	20519.2	19728.1	20322.7	20917.3	20455.9	19992.9
75°	17038.0	19335.0	21633.6	18916.9	16200.2	15144.2	14088.1	14599.5	15110.8	14794.4	14476.2
77.5°	12684.0	14947.6	17211.2	14449.6	11686.3	10901.7	10115.5	10267.1	10420.4	10367.1	10312.1
80°	8603.1	10180.5	11759.5	9920.7	8081.8	8141.7	8203.4	8131.7	8058.5	8165.1	8271.7
82.5°	5490.0	6707.6	7926.9	6950.8	5974.7	6534.4	7094.0	6819.2	6542.7	6644.3	6747.6
85°	3133.1	4324.0	5516.7	5141.9	4765.4	5091.9	5420.1	4993.6	4567.2	4753.8	4942.0
87.5°	826.2	2391.9	3959.3	3594.5	3229.7	2806.6	2383.6	1818.9	1254.2	1832.2	2410.2
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



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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: P320572

CATALOG NUMBER: GAN-SA8C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3	12692.3
2.5°	14329.7	14301.3	14199.7	14096.5	13943.2	13816.6	13596.8
5°	15359.0	15179.1	14869.3	14557.8	14211.4	13813.3	13371.9
7.5°	15723.8	15302.4	14707.8	14111.5	13575.1	12945.5	12359.2
10°	15568.9	14937.6	14164.8	13390.2	12739.0	12014.4	11363.1
12.5°	15272.4	14601.2	13750.0	12897.2	12156.0	11378.1	10648.6
15°	14864.3	14328.0	13530.1	12732.3	11986.1	11229.9	10365.4
17.5°	14417.9	14163.1	13586.8	13008.8	12362.5	11629.6	10615.2
20°	14058.2	14151.4	13921.6	13691.7	13173.7	12534.1	11394.8
22.5°	13815.0	14263.0	14439.6	14617.8	14306.3	13806.6	12489.1
25°	13678.4	14421.3	15012.6	15605.5	15467.3	15082.5	13818.3
27.5°	13738.3	14649.5	15567.2	16486.7	16614.9	16508.3	15219.1
30°	13918.2	14841.0	15958.7	17078.0	17589.3	17732.6	16386.7
32.5°	14218.1	15122.5	16340.1	17559.4	18332.2	18788.6	17454.4
35°	14671.1	15517.3	16786.5	18055.7	19055.1	19888.0	18557.1
37.5°	15449.0	16176.9	17347.8	18520.4	19816.3	21067.2	19771.4
40°	16588.3	17103.0	18092.4	19083.4	20714.1	22403.1	21125.5
42.5°	18025.7	18290.6	19075.1	19859.6	21651.9	23615.7	22449.7
45°	19583.1	19653.1	20146.1	20640.8	22394.8	24441.9	23444.1
47.5°	21082.2	20842.4	21038.9	21235.5	22964.4	25031.5	24198.7
50°	22624.6	21956.7	21853.4	21750.2	23534.1	25726.1	25158.1
52.5°	24193.7	23092.7	22684.6	22274.8	24213.7	26647.2	26352.4
55°	25729.4	24328.6	23778.9	23229.3	25253.0	27771.5	28106.3
57.5°	27326.8	25739.4	25229.7	24720.0	26780.4	29195.6	29680.4
60°	29045.7	27473.4	27065.3	26655.5	28679.3	30734.7	30381.6
62.5°	30676.4	29427.2	29212.3	28995.8	30599.8	31917.3	30108.4
65°	31765.8	31052.9	31252.7	31454.3	32052.3	32212.2	29308.9
67.5°	31037.9	31182.8	32027.3	32873.4	32462.0	31336.0	27733.2
70°	26993.6	27863.1	29863.6	31865.7	30952.9	28989.1	24904.9
72.5°	20969.0	21946.7	24916.6	27888.1	27047.0	24641.7	20455.9
75°	15578.9	16683.2	19961.2	23239.3	22071.6	18432.2	14646.1
77.5°	11051.6	11791.2	15027.6	18265.6	16361.8	12269.2	9855.7
80°	8045.1	7818.6	9622.5	11426.4	11109.9	8115.1	6329.5
82.5°	6194.6	5641.6	6491.1	7340.6	7293.9	5631.6	4643.9
85°	4720.5	4498.9	5250.2	6001.4	5358.4	3814.4	2951.5
87.5°	2751.7	3094.8	3979.3	4865.4	3651.1	1157.6	573.0
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: P320572

CATALOG NUMBER: GAN-SA8C-727-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)