

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: P320771

Luminaire Tested: **GAN-SA7C-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320771
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-SA7C-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 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: 32321 lumens
Efficiency: N/A
Efficacy: 82.7 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): 391
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

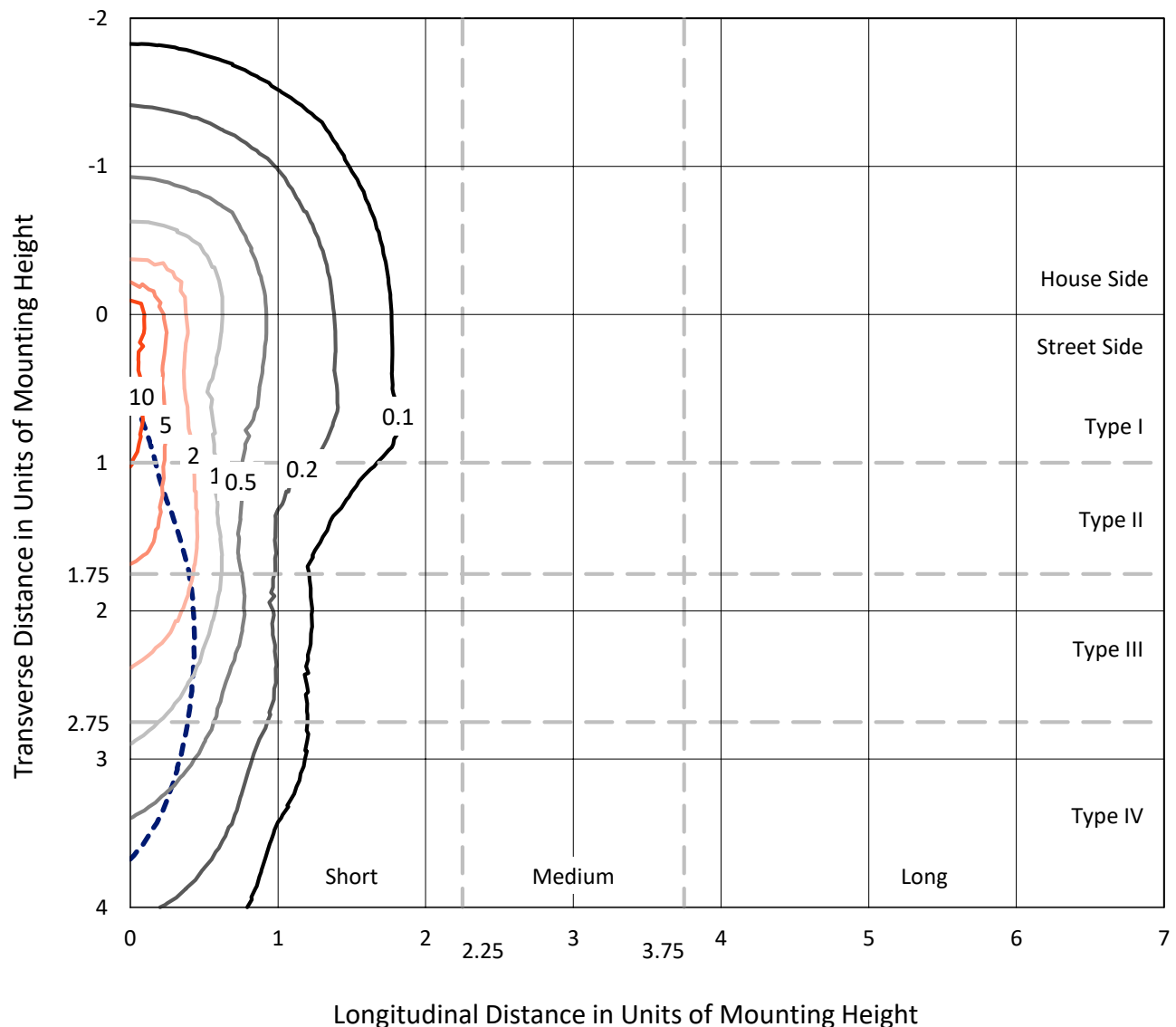


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Iso-Footcandle Lines of Horizontal Illumination

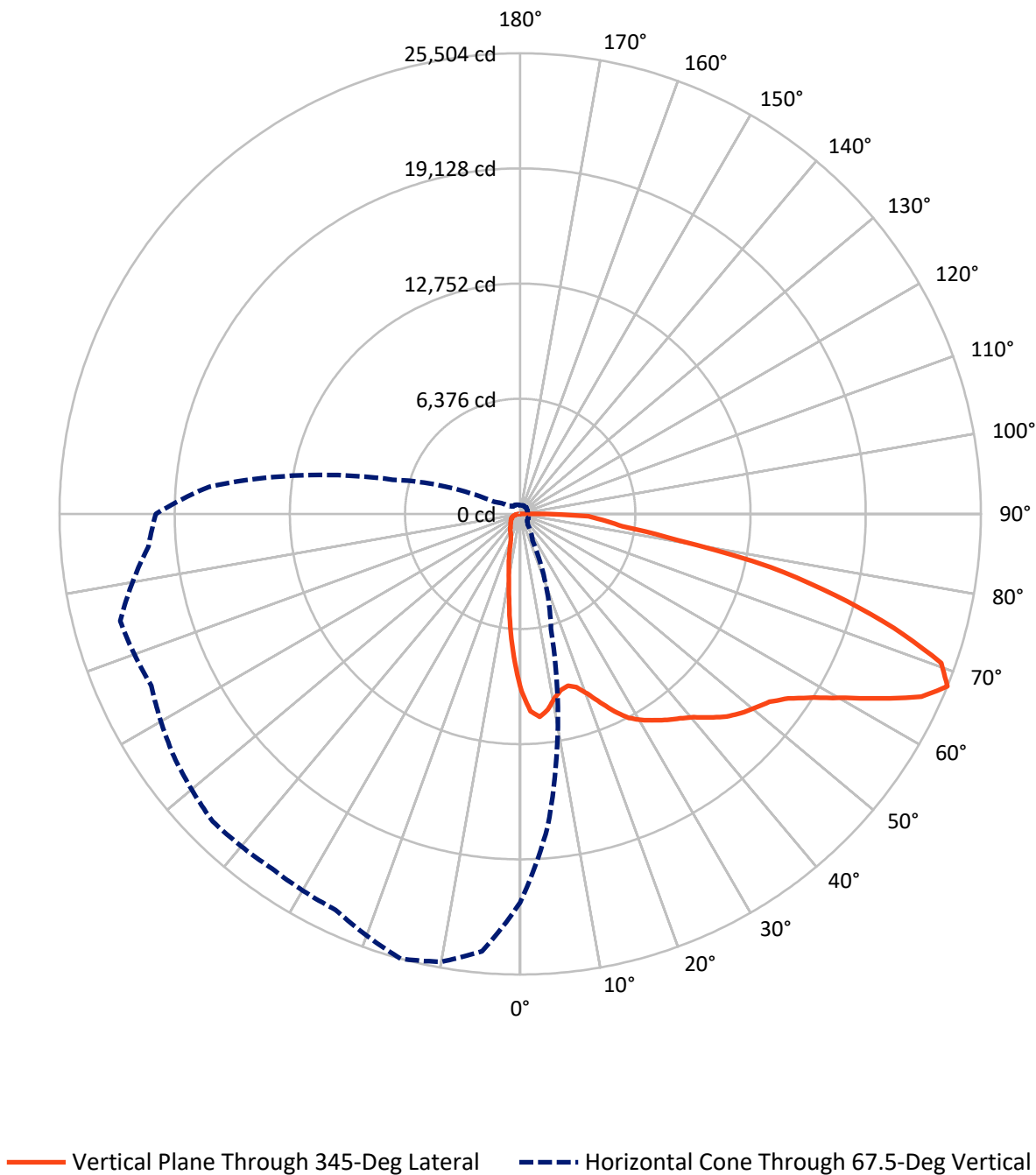
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.8 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	5587.6	0.0	5587.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	26733.4	0.0	26733.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	32321.0	0.0	32321.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	759.9	2.4
10°-20°	1578.7	4.9
20°-30°	2245.3	6.9
30°-40°	3235.4	10.0
40°-50°	4559.7	14.1
50°-60°	6338.7	19.6
60°-70°	7665.4	23.7
70°-80°	4711.8	14.6
80°-90°	1226.0	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	32321.0	100.0
0°-180°	32321.0	100.0

Coefficient of Utilization



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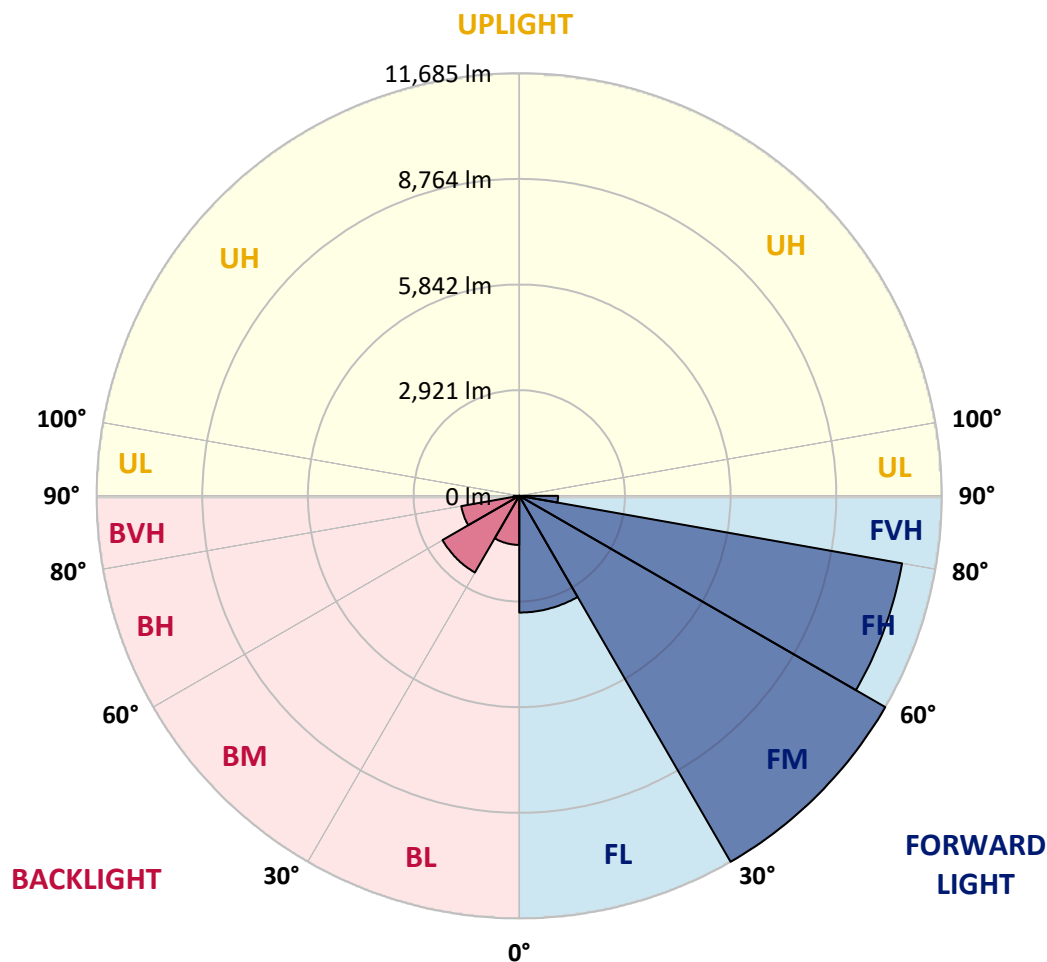
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3227.3	10.0			
FM	(30°-60°)	11684.9	36.2			
FH	(60°-80°)	10748.9	33.3			G4/12000
FVH	(80°-90°)	1072.3	3.3			G5
BL	(0°-30°)	1356.6	4.2	B3/2500		
BM	(30°-60°)	2449.0	7.6	B2/2500		
BH	(60°-80°)	1628.3	5.0	B3/2500		G3/2500
BVH	(80°-90°)	153.7	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8
2.5°	10548.5	10455.5	10314.6	10173.8	10069.1	9963.1	9842.9	9722.8	9585.8	9447.5	9366.1
5°	10374.0	10115.6	9779.6	9443.6	9221.4	8999.1	8747.1	8495.1	8245.7	7996.3	7861.9
7.5°	9588.4	9200.7	8763.9	8327.2	8004.1	7679.7	7330.8	6980.6	6670.5	6359.1	6166.5
10°	8815.6	8350.4	7849.0	7346.3	6932.8	6519.3	6169.1	5817.6	5583.7	5349.8	5172.8
12.5°	8261.2	7745.6	7193.9	6640.8	6227.3	5813.8	5591.5	5369.2	5175.4	4981.6	4777.4
15°	8041.6	7458.8	6894.1	6328.1	5952.0	5576.0	5329.2	5081.1	4821.3	4560.3	4309.6
17.5°	8235.4	7553.1	6939.3	6325.5	5833.1	5340.8	4995.8	4649.5	4307.0	3964.6	3673.8
20°	8840.2	7969.2	7166.7	6363.0	5707.8	5052.6	4590.0	4126.1	3686.7	3247.4	2917.9
22.5°	9689.2	8536.5	7488.5	6440.5	5594.1	4746.4	4166.2	3584.7	3065.2	2545.7	2222.6
25°	10720.4	9288.6	7952.4	6614.9	5547.6	4478.9	3765.6	3052.3	2504.3	1955.1	1725.1
27.5°	11807.1	10185.4	8528.7	6870.8	5555.3	4239.8	3428.3	2615.5	2121.8	1628.2	1470.6
30°	12713.0	11210.1	9200.7	7190.0	5585.0	3980.1	3110.4	2240.7	1833.7	1426.6	1324.5
32.5°	13541.3	11924.7	9707.3	7488.5	5618.6	3747.5	2864.9	1981.0	1648.9	1315.5	1231.5
35°	14396.8	12559.2	10061.3	7562.1	5560.5	3557.5	2696.9	1836.3	1530.0	1222.5	1151.4
37.5°	15338.8	13245.4	10402.5	7558.3	5462.3	3366.3	2566.4	1765.2	1452.5	1138.5	1086.8
40°	16389.4	14003.9	10772.1	7540.2	5373.1	3204.7	2469.5	1732.9	1409.8	1085.5	1041.5
42.5°	17416.7	14727.6	11115.8	7504.0	5300.7	3096.2	2373.8	1651.5	1371.1	1089.4	1027.3
45°	18188.2	15359.5	11414.3	7467.8	5246.5	3025.1	2298.9	1572.6	1334.9	1097.1	1018.3
47.5°	18773.6	15994.0	11745.1	7495.0	5241.3	2987.6	2245.9	1504.2	1266.4	1027.3	995.0
50°	19517.9	16756.4	12227.1	7697.8	5312.4	2926.9	2183.9	1439.5	1200.5	961.4	1005.4
52.5°	20444.4	17844.4	12974.0	8102.3	5461.0	2819.7	2085.7	1351.7	1120.4	887.8	956.3
55°	21805.1	19238.8	13929.0	8617.9	5640.6	2662.0	1937.1	1210.8	1014.4	816.7	877.4
57.5°	23026.3	20647.3	14845.2	9041.8	5753.0	2463.0	1749.7	1036.4	895.5	754.7	789.6
60°	23570.3	21373.5	15274.2	9173.6	5685.8	2198.1	1539.0	878.7	790.8	703.0	696.5
62.5°	23358.4	20912.2	14851.6	8791.1	5357.6	1924.1	1353.0	781.8	715.9	648.7	634.5
65°	22738.1	19462.3	13667.9	7873.6	4803.2	1732.9	1235.4	737.9	664.2	590.6	575.0
67.5°	21515.7	17398.6	11990.6	6582.6	4099.0	1615.3	1168.2	721.1	631.9	541.4	523.4
70°	19321.5	14915.0	10058.7	5201.2	3372.7	1542.9	1124.2	705.6	597.0	487.2	470.4
72.5°	15869.9	11958.3	8032.5	4105.4	2819.7	1533.9	1119.1	704.3	568.6	432.9	417.4
75°	11362.6	9083.1	6131.6	3178.9	2309.2	1439.5	1062.2	684.9	529.8	373.5	359.2
77.5°	7646.1	6286.7	4261.8	2235.6	1713.5	1191.4	892.9	594.4	453.6	312.7	298.5
80°	4910.5	4350.9	2855.8	1360.7	1111.3	861.9	638.4	414.8	330.8	245.5	233.9
82.5°	3602.7	3238.3	1984.9	731.4	617.7	502.7	390.3	277.8	226.1	174.5	169.3
85°	2289.8	2525.0	1461.5	398.0	325.6	253.3	209.3	165.4	130.5	95.6	95.6
87.5°	444.5	615.1	404.5	192.5	140.9	89.2	76.2	62.0	34.9	6.5	7.8
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°	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8
2.5°	9283.4	9194.2	9105.1	9004.3	8902.2	8807.9	8712.2	8607.6	8626.9	8546.8	8466.7
5°	7727.6	7585.4	7442.0	7317.9	7193.9	7086.6	6978.1	6881.1	6965.1	6908.3	6851.4
7.5°	5972.7	5797.0	5619.9	5471.3	5322.7	5207.7	5091.4	5011.3	5094.0	5083.6	5073.3
10°	4995.8	4825.2	4653.3	4489.2	4325.1	4185.5	4044.7	3925.8	3905.1	3845.7	3785.0
12.5°	4571.9	4338.0	4102.8	3931.0	3759.1	3592.4	3425.7	3286.1	3222.8	3124.6	3025.1
15°	4058.9	3782.4	3505.8	3310.7	3114.3	2952.8	2789.9	2669.8	2629.7	2553.5	2477.2
17.5°	3383.1	3080.7	2778.3	2580.6	2381.6	2252.4	2121.8	2041.7	2041.7	2019.8	1997.8
20°	2588.3	2318.3	2048.2	1897.0	1745.8	1677.3	1607.5	1573.9	1584.3	1585.6	1585.6
22.5°	1898.3	1732.9	1567.5	1506.7	1444.7	1420.2	1395.6	1381.4	1386.6	1387.9	1389.2
25°	1495.1	1431.8	1367.2	1336.2	1303.9	1288.4	1272.8	1267.7	1279.3	1280.6	1280.6
27.5°	1312.9	1274.1	1234.1	1214.7	1194.0	1187.6	1181.1	1172.1	1183.7	1183.7	1182.4
30°	1221.2	1179.8	1138.5	1113.9	1089.4	1091.9	1093.2	1090.6	1098.4	1103.6	1107.4
32.5°	1146.2	1106.2	1066.1	1041.5	1015.7	1011.8	1007.9	1005.4	1022.2	1031.2	1040.2
35°	1079.0	1035.1	991.1	967.9	944.6	935.6	926.5	920.1	935.6	947.2	958.8
37.5°	1033.8	988.6	942.0	920.1	896.8	885.2	873.5	865.8	872.3	877.4	882.6
40°	997.6	951.1	903.3	877.4	851.6	840.0	828.3	821.9	825.7	827.0	828.3
42.5°	964.0	918.8	873.5	845.1	815.4	801.2	787.0	779.2	781.8	784.4	785.7
45°	939.5	894.2	847.7	814.1	779.2	763.7	748.2	739.2	740.4	740.4	740.4
47.5°	962.7	896.8	829.6	790.8	750.8	732.7	714.6	705.6	703.0	700.4	697.8
50°	1048.0	935.6	821.9	772.8	722.4	703.0	682.3	672.0	665.5	662.9	660.3
52.5°	1023.4	926.5	828.3	765.0	700.4	677.1	653.9	637.1	630.6	626.7	622.9
55°	936.9	876.1	814.1	737.9	661.6	640.9	619.0	607.3	595.7	593.1	590.6
57.5°	823.2	798.6	774.0	696.5	619.0	599.6	578.9	571.2	560.8	560.8	559.5
60°	688.8	724.9	761.1	672.0	581.5	559.5	537.6	531.1	527.2	525.9	524.6
62.5°	619.0	678.4	736.6	642.2	546.6	523.4	500.1	492.3	491.0	492.3	492.3
65°	559.5	577.6	595.7	551.8	507.8	484.6	460.0	452.3	454.9	458.7	462.6
67.5°	505.3	501.4	497.5	482.0	465.2	445.8	425.1	417.4	418.7	423.9	429.0
70°	453.6	448.4	441.9	430.3	418.7	401.9	385.1	379.9	378.6	385.1	390.3
72.5°	401.9	395.4	387.7	378.6	368.3	354.1	339.9	336.0	337.3	341.1	345.0
75°	345.0	339.9	333.4	325.6	316.6	303.7	290.8	288.2	290.8	294.6	298.5
77.5°	283.0	281.7	279.1	272.7	266.2	252.0	236.5	235.2	239.1	242.9	245.5
80°	221.0	222.3	223.6	218.4	213.2	197.7	180.9	179.6	183.5	187.4	191.3
82.5°	162.8	166.7	169.3	162.8	156.4	138.3	120.2	117.6	130.5	134.4	138.3
85°	94.3	99.5	104.7	99.5	94.3	76.2	58.2	56.9	68.5	74.9	81.4
87.5°	7.8	10.3	12.9	11.6	10.3	5.2	0.0	0.0	1.3	6.5	11.6
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: P320771
 CATALOG NUMBER: GAN-SA7C-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: P320771

CATALOG NUMBER: GAN-SA7C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8
2.5°	8416.3	8365.9	8350.4	8334.9	8278.0	8219.9	8279.3	8337.5	8362.0	8386.6	8323.3
5°	6843.7	6834.6	6834.6	6833.3	6781.6	6728.7	6768.7	6807.5	6720.9	6634.3	6625.3
7.5°	5128.9	5184.4	5229.7	5273.6	5256.8	5240.0	5277.5	5315.0	5205.1	5094.0	5039.7
10°	3797.9	3809.5	3858.6	3907.7	3919.3	3929.7	3976.2	4021.4	3936.1	3850.9	3813.4
12.5°	2963.1	2901.1	2907.5	2912.7	2936.0	2957.9	3007.0	3054.8	3019.9	2983.8	2987.6
15°	2399.7	2320.9	2288.5	2254.9	2280.8	2306.6	2341.5	2375.1	2376.4	2376.4	2410.0
17.5°	1959.0	1919.0	1886.7	1853.1	1888.0	1921.6	1925.4	1929.3	1930.6	1931.9	1929.3
20°	1605.0	1624.3	1614.0	1603.7	1616.6	1628.2	1638.6	1647.6	1636.0	1623.0	1590.7
22.5°	1407.2	1424.0	1437.0	1448.6	1470.6	1491.2	1480.9	1469.3	1446.0	1421.5	1396.9
25°	1292.2	1303.9	1316.8	1329.7	1347.8	1364.6	1346.5	1328.4	1311.6	1294.8	1278.0
27.5°	1195.3	1206.9	1218.6	1228.9	1245.7	1261.2	1244.4	1227.6	1213.4	1199.2	1186.3
30°	1116.5	1124.2	1133.3	1142.3	1157.8	1172.1	1157.8	1142.3	1132.0	1120.4	1111.3
32.5°	1049.3	1057.0	1060.9	1064.8	1079.0	1093.2	1082.9	1072.6	1063.5	1054.5	1048.0
35°	975.6	991.1	993.7	996.3	1010.5	1024.7	1018.3	1010.5	1000.2	989.9	978.2
37.5°	900.7	918.8	929.1	938.2	952.4	966.6	960.1	953.7	939.5	925.2	904.6
40°	837.4	845.1	864.5	882.6	905.9	927.8	914.9	900.7	878.7	856.8	846.4
42.5°	784.4	783.1	801.2	819.3	854.2	887.8	864.5	841.2	820.6	799.9	797.3
45°	737.9	734.0	743.0	752.1	789.6	825.7	802.5	777.9	766.3	754.7	754.7
47.5°	696.5	693.9	700.4	705.6	728.8	750.8	739.2	727.5	721.1	714.6	715.9
50°	659.0	656.5	662.9	668.1	677.1	684.9	687.5	688.8	684.9	681.0	683.6
52.5°	624.1	624.1	626.7	628.0	639.7	651.3	651.3	650.0	650.0	650.0	652.6
55°	594.4	597.0	597.0	597.0	615.1	631.9	626.7	621.6	622.9	622.9	625.4
57.5°	564.7	568.6	571.2	573.8	591.8	609.9	604.8	599.6	599.6	599.6	600.9
60°	531.1	536.3	541.4	546.6	564.7	582.8	577.6	571.2	572.5	573.8	575.0
62.5°	498.8	504.0	509.1	514.3	532.4	550.5	545.3	538.9	542.7	545.3	545.3
65°	467.8	471.7	476.8	482.0	498.8	515.6	510.4	505.3	510.4	514.3	516.9
67.5°	432.9	435.5	440.7	445.8	462.6	479.4	474.2	467.8	474.2	479.4	484.6
70°	392.8	395.4	401.9	407.1	423.9	440.7	434.2	427.7	434.2	440.7	445.8
72.5°	348.9	351.5	357.9	363.1	382.5	401.9	394.1	386.4	394.1	401.9	404.5
75°	301.1	303.7	311.4	317.9	337.3	356.7	350.2	342.4	348.9	355.4	356.7
77.5°	249.4	253.3	263.6	274.0	289.5	305.0	301.1	297.2	301.1	305.0	305.0
80°	195.1	199.0	211.9	223.6	232.6	241.6	242.9	244.2	245.5	246.8	245.5
82.5°	144.7	149.9	161.5	173.2	173.2	173.2	183.5	192.5	192.5	191.3	190.0
85°	89.2	95.6	106.0	116.3	109.8	103.4	120.2	135.7	135.7	134.4	131.8
87.5°	18.1	24.6	34.9	43.9	37.5	31.0	47.8	64.6	65.9	65.9	63.3
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: P320771
 CATALOG NUMBER: GAN-SA7C-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: P320771

CATALOG NUMBER: GAN-SA7C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8
2.5°	8258.7	8359.5	8459.0	8484.8	8523.6	8540.4	8555.9	8682.5	8807.9	8955.2	9102.5
5°	6614.9	6689.9	6764.8	6776.5	6816.5	6837.2	6857.9	7011.7	7164.1	7369.6	7575.1
7.5°	4985.4	5003.5	5021.6	5019.0	5052.6	5097.9	5141.8	5305.9	5468.7	5689.7	5909.4
10°	3775.9	3817.3	3857.3	3894.8	3968.4	4053.7	4137.7	4305.7	4473.7	4692.1	4909.2
12.5°	2991.5	3039.3	3085.9	3127.2	3212.5	3326.2	3438.6	3640.2	3841.8	4102.8	4362.6
15°	2442.3	2438.4	2434.6	2463.0	2537.9	2662.0	2784.8	2998.0	3211.2	3498.1	3783.7
17.5°	1926.7	1907.3	1888.0	1909.9	1979.7	2081.8	2182.6	2363.5	2543.1	2820.9	3098.8
20°	1558.4	1545.5	1532.6	1553.3	1597.2	1639.8	1682.5	1813.0	1942.2	2168.4	2393.2
22.5°	1371.1	1369.8	1367.2	1378.8	1399.5	1421.5	1442.1	1505.5	1567.5	1713.5	1858.2
25°	1261.2	1259.9	1258.6	1263.8	1280.6	1297.4	1314.2	1355.6	1396.9	1466.7	1536.5
27.5°	1173.3	1170.8	1168.2	1169.5	1173.3	1199.2	1223.7	1243.1	1261.2	1309.0	1355.6
30°	1102.3	1101.0	1099.7	1099.7	1095.8	1104.9	1113.9	1143.6	1172.1	1221.2	1270.3
32.5°	1041.5	1035.1	1028.6	1014.4	1005.4	1018.3	1031.2	1062.2	1093.2	1138.5	1183.7
35°	965.3	948.5	930.4	922.7	923.9	936.9	949.8	980.8	1010.5	1059.6	1107.4
37.5°	882.6	877.4	871.0	869.7	873.5	886.5	899.4	926.5	952.4	1001.5	1049.3
40°	836.1	833.5	830.9	828.3	830.9	843.8	856.8	882.6	907.1	955.0	1001.5
42.5°	794.7	793.4	792.1	792.1	793.4	807.6	821.9	847.7	872.3	914.9	957.5
45°	754.7	756.0	756.0	758.5	762.4	776.6	789.6	818.0	846.4	887.8	929.1
47.5°	717.2	721.1	723.7	730.1	734.0	749.5	763.7	794.7	825.7	877.4	927.8
50°	684.9	688.8	691.3	696.5	706.9	724.9	743.0	780.5	816.7	903.3	988.6
52.5°	655.2	659.0	662.9	668.1	681.0	701.7	722.4	768.9	814.1	914.9	1015.7
55°	628.0	631.9	634.5	642.2	655.2	673.3	690.1	746.9	803.8	877.4	951.1
57.5°	602.2	606.1	608.6	613.8	620.3	639.7	657.7	718.5	779.2	830.9	881.3
60°	575.0	577.6	578.9	578.9	584.1	606.1	628.0	705.6	781.8	772.8	762.4
62.5°	545.3	547.9	549.2	545.3	551.8	575.0	598.3	699.1	799.9	737.9	675.8
65°	518.2	516.9	515.6	511.7	519.5	542.7	564.7	615.1	665.5	640.9	616.4
67.5°	488.5	484.6	480.7	475.5	483.3	504.0	523.4	540.2	557.0	559.5	562.1
70°	451.0	445.8	440.7	439.4	443.2	460.0	476.8	488.5	498.8	504.0	507.8
72.5°	407.1	403.2	399.3	396.7	398.0	412.2	425.1	435.5	445.8	449.7	452.3
75°	357.9	357.9	356.7	348.9	348.9	360.5	370.9	379.9	389.0	394.1	399.3
77.5°	305.0	306.3	306.3	295.9	294.6	306.3	316.6	324.4	330.8	336.0	339.9
80°	244.2	241.6	239.1	232.6	230.0	244.2	257.2	263.6	268.8	270.1	270.1
82.5°	187.4	182.2	175.7	161.5	162.8	178.3	192.5	197.7	202.9	202.9	202.9
85°	127.9	117.6	106.0	94.3	95.6	112.4	127.9	133.1	138.3	140.9	142.1
87.5°	60.7	50.4	38.8	29.7	29.7	43.9	56.9	59.4	62.0	67.2	72.4
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: P320771
 CATALOG NUMBER: GAN-SA7C-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

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CATALOG NUMBER: GAN-SA7C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8
2.5°	9214.9	9326.0	9441.1	9556.1	9687.9	9819.7	9973.5	10125.9	10256.5	10387.0	10495.5
5°	7752.1	7929.1	8137.2	8345.2	8610.1	8875.1	9199.4	9522.5	9810.6	10098.8	10433.5
7.5°	6140.7	6370.7	6642.1	6913.4	7255.9	7598.3	8018.3	8438.3	8845.3	9251.1	9765.4
10°	5150.8	5392.5	5660.0	5926.2	6275.1	6622.7	7067.2	7510.5	7967.9	8424.1	9005.6
12.5°	4631.4	4898.9	5134.0	5369.2	5652.2	5933.9	6364.2	6794.6	7332.1	7868.4	8427.9
15°	4077.0	4369.0	4650.7	4932.5	5241.3	5548.8	5967.5	6386.2	6974.2	7562.1	8205.7
17.5°	3406.3	3713.9	4057.6	4400.1	4803.2	5205.1	5741.4	6277.7	6974.2	7669.4	8427.9
20°	2707.2	3021.2	3432.2	3843.1	4344.5	4844.6	5539.8	6235.0	7173.2	8110.1	9077.9
22.5°	2136.1	2412.6	2861.0	3308.1	3887.0	4466.0	5357.6	6247.9	7474.3	8699.3	10005.8
25°	1731.6	1926.7	2367.4	2806.7	3474.8	4142.9	5246.5	6348.7	7912.3	9474.7	11095.1
27.5°	1483.5	1611.4	2022.3	2432.0	3162.1	3890.9	5201.2	6510.3	8468.0	10425.7	12280.1
30°	1359.4	1448.6	1796.2	2142.5	2884.3	3626.0	5147.0	6667.9	9003.0	11336.8	13206.6
32.5°	1256.1	1327.1	1624.3	1920.3	2643.9	3367.6	5042.3	6715.7	9376.4	12037.2	13991.0
35°	1168.2	1227.6	1486.1	1744.5	2455.2	3166.0	4866.6	6567.1	9610.3	12653.5	14807.7
37.5°	1097.1	1143.6	1382.7	1621.8	2292.4	2963.1	4666.3	6369.4	9818.4	13267.4	15726.5
40°	1041.5	1081.6	1305.2	1528.7	2137.4	2746.0	4494.4	6241.5	10105.3	13969.0	16696.9
42.5°	1010.5	1062.2	1238.0	1412.4	1990.0	2567.7	4356.1	6144.6	10371.5	14597.1	17545.9
45°	1002.8	1076.4	1203.1	1329.7	1880.2	2430.7	4233.4	6034.7	10543.3	15051.9	18185.6
47.5°	989.9	1050.6	1175.9	1301.3	1825.9	2349.3	4167.5	5984.3	10715.2	15444.8	18716.7
50°	997.6	1005.4	1154.0	1301.3	1818.2	2335.1	4242.4	6149.7	11087.4	16023.7	19324.1
52.5°	983.4	949.8	1112.6	1275.4	1816.9	2358.3	4458.2	6558.1	11778.7	16998.0	19981.8
55°	908.4	864.5	1035.1	1205.7	1789.7	2372.5	4715.4	7056.9	12706.5	18354.9	21164.2
57.5°	842.5	802.5	947.2	1090.6	1707.0	2323.4	4980.3	7635.8	13687.3	19737.6	22496.5
60°	754.7	745.6	849.0	952.4	1579.1	2204.5	5198.7	8191.5	14346.4	20500.0	23009.5
62.5°	682.3	687.5	763.7	840.0	1418.9	1996.5	5271.0	8544.2	14328.3	20112.3	22492.6
65°	626.7	635.8	710.7	785.7	1281.9	1778.1	5033.2	8287.1	13603.3	18918.3	21470.5
67.5°	572.5	582.8	672.0	759.8	1160.4	1559.7	4438.8	7316.6	12299.5	17281.0	20170.5
70°	520.8	533.7	630.6	727.5	1072.6	1416.3	3672.5	5928.8	10667.4	15404.7	18665.0
72.5°	465.2	478.1	581.5	684.9	1017.0	1347.8	2994.1	4639.1	8656.7	12672.9	15965.5
75°	408.3	417.4	529.8	640.9	940.7	1240.5	2349.3	3456.7	6625.3	9793.8	12059.1
77.5°	351.5	363.1	457.5	550.5	798.6	1045.4	1770.4	2495.3	4861.4	7226.2	8386.6
80°	280.4	290.8	357.9	423.9	616.4	807.6	1217.3	1626.9	3345.6	5064.3	5718.1
82.5°	214.5	226.1	271.4	315.3	439.4	563.4	737.9	912.3	2222.6	3531.7	3585.9
85°	147.3	151.2	183.5	214.5	271.4	328.2	422.6	516.9	1470.6	2424.2	2019.8
87.5°	73.7	73.7	95.6	117.6	146.0	174.5	223.6	271.4	470.4	669.4	385.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GAN-SA7C-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



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CATALOG NUMBER: GAN-SA7C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8
2.5°	10633.8	10728.1	10823.7	10896.1	10969.8	11075.7	11181.7	11201.1	11221.8	11180.4	11139.0
5°	10770.8	11056.3	11343.2	11608.1	11873.0	12032.0	12190.9	12223.2	12255.5	12156.0	12055.2
7.5°	10262.9	10760.4	11257.9	11714.1	12170.3	12446.8	12724.6	12786.6	12850.0	12687.1	12524.3
10°	9584.5	10195.7	10806.9	11407.8	12008.7	12410.6	12812.5	12892.6	12972.7	12769.8	12567.0
12.5°	9059.8	9712.4	10365.0	10998.2	11632.7	12048.8	12464.9	12564.4	12663.9	12516.6	12368.0
15°	8898.3	9512.1	10125.9	10677.7	11230.8	11570.7	11911.8	11951.9	11993.2	11970.0	11946.7
17.5°	9191.7	9746.0	10301.7	10601.5	10902.6	11038.3	11175.2	11219.2	11264.4	11322.5	11382.0
20°	9902.4	10292.6	10684.2	10671.3	10657.0	10591.1	10523.9	10512.3	10500.7	10667.4	10835.4
22.5°	10963.3	11118.4	11274.7	10911.6	10548.5	10327.5	10105.3	10061.3	10016.1	10193.1	10371.5
25°	12114.7	12086.3	12056.5	11365.2	10672.6	10251.3	9830.0	9780.9	9731.8	9883.0	10035.5
27.5°	13254.4	13068.4	12882.3	11942.8	11003.4	10392.1	9780.9	9731.8	9682.7	9817.1	9951.5
30°	14090.5	13792.0	13493.5	12430.0	11366.5	10640.2	9914.0	9833.9	9752.5	9917.9	10083.3
32.5°	14743.1	14342.5	13941.9	12825.4	11708.9	10923.2	10137.6	10012.2	9886.9	10107.8	10328.8
35°	15394.4	14831.0	14266.3	13178.2	12088.8	11257.9	10425.7	10272.0	10118.2	10421.9	10725.5
37.5°	16213.6	15404.7	14594.5	13574.9	12555.3	11759.3	10962.0	10804.4	10646.7	11033.1	11420.8
40°	17102.7	16023.7	14944.7	14009.1	13073.5	12453.3	11831.7	11681.8	11530.6	12001.0	12471.3
42.5°	17841.9	16600.0	15358.2	14532.5	13705.4	13268.6	12830.6	12829.3	12826.7	13303.5	13780.4
45°	18442.8	17080.7	15717.4	15042.9	14367.0	14139.6	13912.2	14094.4	14276.6	14706.9	15138.5
47.5°	18891.2	17483.9	16075.4	15627.0	15178.6	15212.2	15245.8	15616.6	15987.5	16264.0	16541.9
50°	19183.2	17849.6	16514.7	16376.5	16238.2	16539.3	16841.7	17266.8	17693.3	17881.9	18070.6
52.5°	19608.3	18345.8	17082.0	17237.1	17392.2	18007.3	18622.4	19052.7	19483.0	19552.8	19623.9
55°	20591.7	19258.2	17923.3	18220.5	18519.0	19421.0	20324.2	20660.2	20996.2	21022.0	21047.9
57.5°	21988.6	20536.2	19083.7	19404.2	19724.6	20766.2	21809.0	22170.8	22534.0	22483.6	22431.9
60°	23034.1	21749.6	20463.8	20786.9	21109.9	22125.6	23141.3	23557.4	23974.8	23863.7	23752.5
62.5°	23098.7	22412.5	21725.0	22017.1	22310.4	23305.4	24300.4	24728.2	25155.9	24962.1	24768.2
65°	22071.3	22378.9	22686.4	22783.4	22880.3	23808.1	24737.2	25064.2	25392.4	25294.2	25196.0
67.5°	20656.3	21789.6	22924.2	22729.1	22534.0	22969.4	23404.9	23742.2	24079.5	24023.9	23967.0
70°	19243.9	20757.1	22270.3	21311.5	20351.4	20171.8	19992.1	20355.3	20719.7	20494.8	20268.7
72.5°	16839.1	18451.8	20065.8	18299.3	16532.8	15919.0	15305.2	15766.5	16227.9	15869.9	15510.7
75°	13218.3	15000.2	16783.5	14675.9	12568.3	11749.0	10929.7	11326.4	11723.1	11477.6	11230.8
77.5°	9840.4	11596.5	13352.6	11210.1	9066.3	8457.7	7847.7	7965.3	8084.2	8042.9	8000.2
80°	6674.4	7898.1	9123.2	7696.5	6269.9	6316.4	6364.2	6308.7	6251.8	6334.5	6417.2
82.5°	4259.2	5203.8	6149.7	5392.5	4635.2	5069.4	5503.6	5290.4	5075.9	5154.7	5234.8
85°	2430.7	3354.6	4279.9	3989.1	3697.1	3950.4	4204.9	3874.1	3543.3	3688.0	3834.1
87.5°	640.9	1855.6	3071.6	2788.6	2505.6	2177.4	1849.2	1411.1	973.1	1421.5	1869.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GAN-SA7C-827-U-SLR

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P320771

CATALOG NUMBER: GAN-SA7C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8	9846.8
2.5°	11117.1	11095.1	11016.3	10936.2	10817.3	10719.1	10548.5
5°	11915.7	11776.1	11535.8	11294.1	11025.3	10716.5	10374.0
7.5°	12198.7	11871.7	11410.4	10947.8	10531.7	10043.2	9588.4
10°	12078.5	11588.7	10989.2	10388.3	9883.0	9320.9	8815.6
12.5°	11848.5	11327.7	10667.4	10005.8	9430.7	8827.2	8261.2
15°	11531.9	11115.8	10496.8	9877.8	9298.9	8712.2	8041.6
17.5°	11185.6	10987.9	10540.7	10092.3	9591.0	9022.4	8235.4
20°	10906.4	10978.8	10800.5	10622.2	10220.3	9724.1	8840.2
22.5°	10717.8	11065.4	11202.4	11340.6	11099.0	10711.3	9689.2
25°	10611.8	11188.2	11646.9	12106.9	11999.7	11701.2	10720.4
27.5°	10658.3	11365.2	12077.2	12790.5	12890.0	12807.3	11807.1
30°	10797.9	11513.8	12380.9	13249.3	13646.0	13757.1	12713.0
32.5°	11030.5	11732.2	12676.8	13622.7	14222.3	14576.4	13541.3
35°	11382.0	12038.4	13023.1	14007.8	14783.1	15429.3	14396.8
37.5°	11985.5	12550.2	13458.6	14368.3	15373.7	16344.2	15338.8
40°	12869.3	13268.6	14036.2	14805.1	16070.2	17380.5	16389.4
42.5°	13984.5	14190.0	14798.7	15407.3	16797.7	18321.3	17416.7
45°	15192.8	15247.1	15629.6	16013.4	17374.1	18962.2	18188.2
47.5°	16355.8	16169.7	16322.2	16474.7	17816.0	19419.7	18773.6
50°	17552.4	17034.2	16954.1	16874.0	18258.0	19958.5	19517.9
52.5°	18769.7	17915.5	17598.9	17281.0	18785.2	20673.1	20444.4
55°	19961.1	18874.4	18447.9	18021.5	19591.5	21545.4	21805.1
57.5°	21200.4	19968.9	19573.5	19178.0	20776.5	22650.3	23026.3
60°	22534.0	21314.1	20997.5	20679.6	22249.7	23844.3	23570.3
62.5°	23799.1	22829.9	22663.2	22495.2	23739.6	24761.8	23358.4
65°	24644.2	24091.1	24246.2	24402.5	24866.4	24990.5	22738.1
67.5°	24079.5	24191.9	24847.1	25503.5	25184.3	24310.8	21515.7
70°	20941.9	21616.5	23168.4	24721.7	24013.6	22490.0	19321.5
72.5°	16267.9	17026.5	19330.5	21635.9	20983.3	19117.3	15869.9
75°	12086.3	12943.0	15486.1	18029.2	17123.4	14299.9	11362.6
77.5°	8574.0	9147.7	11658.5	14170.6	12693.6	9518.6	7646.1
80°	6241.5	6065.7	7465.2	8864.7	8619.2	6295.8	4910.5
82.5°	4805.8	4376.8	5035.8	5694.9	5658.7	4369.0	3602.7
85°	3662.2	3490.3	4073.1	4655.9	4157.1	2959.2	2289.8
87.5°	2134.8	2401.0	3087.1	3774.6	2832.6	898.1	444.5
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: P320771
 CATALOG NUMBER: GAN-SA7C-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)