

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: P320781

Luminaire Tested: **GAN-SA7D-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320781
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-SA7D-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 80 CRI, 2700K, 1200mA 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: 35456 lumens
Efficiency: N/A
Efficacy: 79.1 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

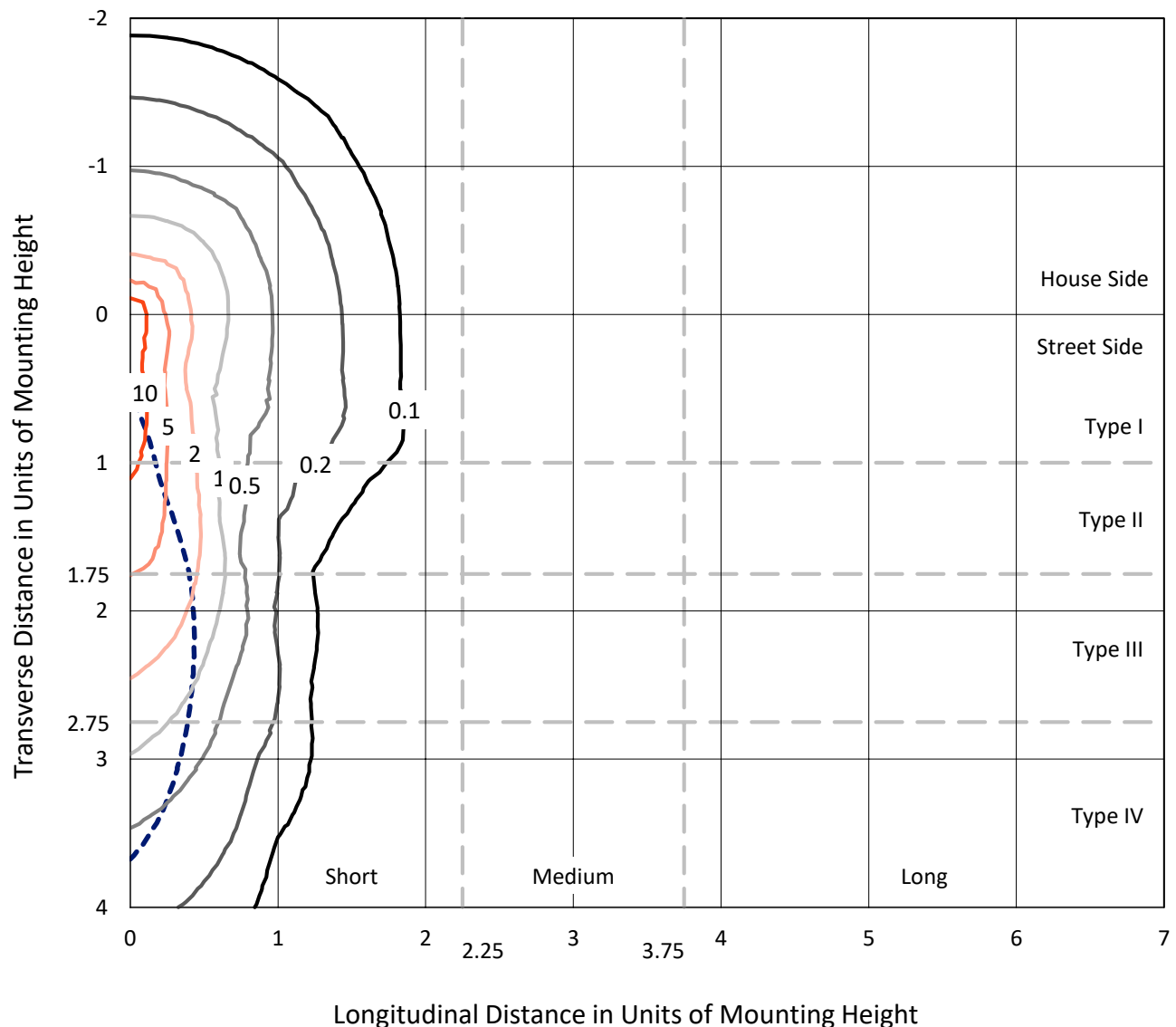
Input Watts (W): 448
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

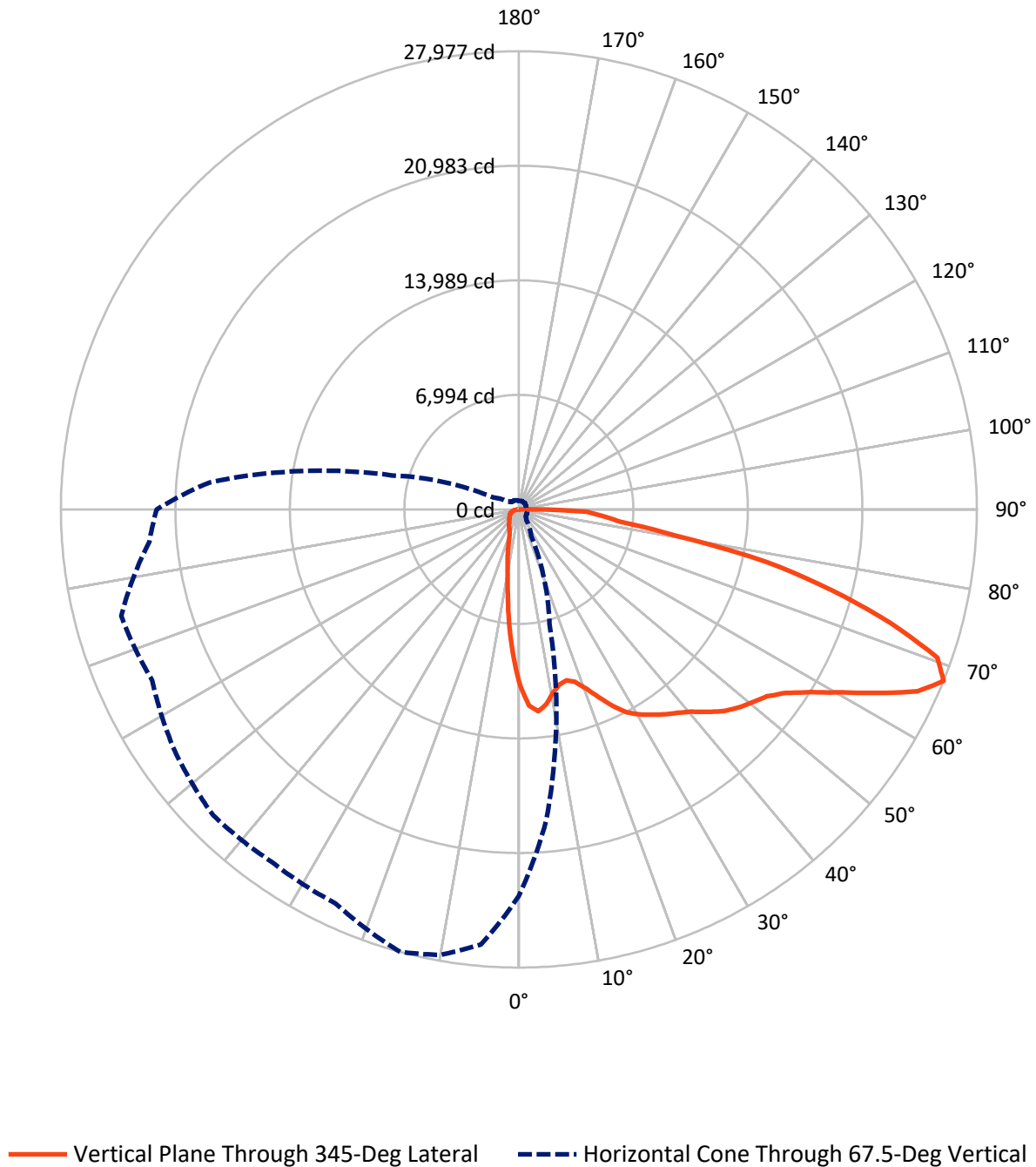
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.3 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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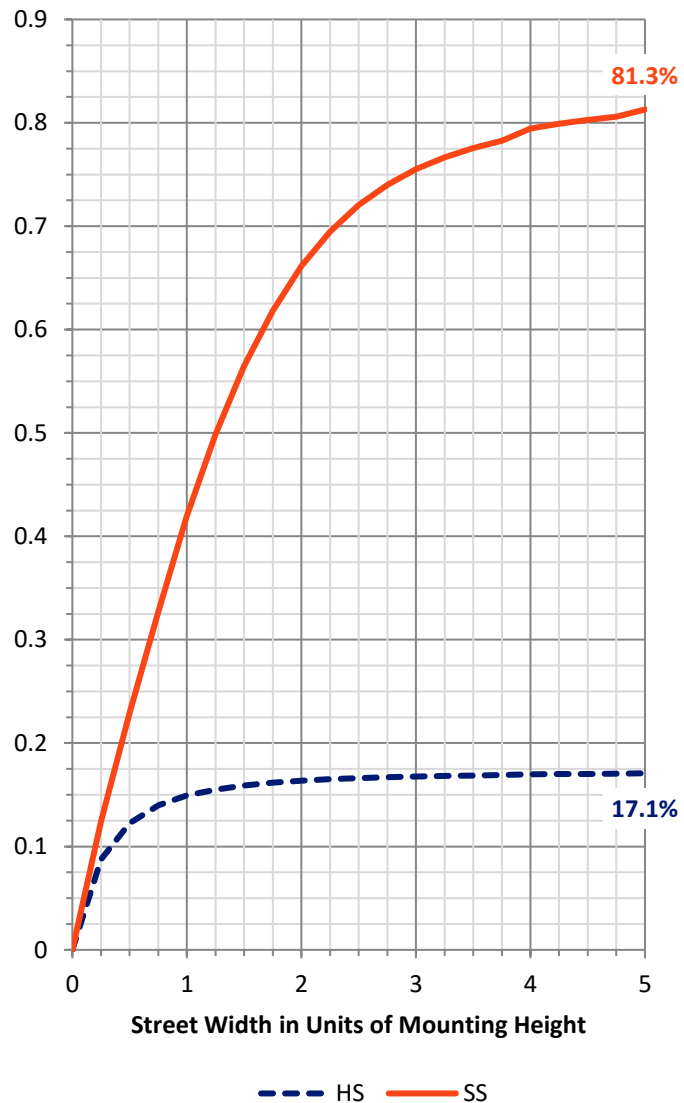
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6129.6	0.0	6129.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	29326.4	0.0	29326.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	35456.0	0.0	35456.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	833.7	2.4
10°-20°	1731.8	4.9
20°-30°	2463.1	6.9
30°-40°	3549.3	10.0
40°-50°	5001.9	14.1
50°-60°	6953.6	19.6
60°-70°	8408.9	23.7
70°-80°	5168.8	14.6
80°-90°	1345.0	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°	35456.0	100.0
0°-180°	35456.0	100.0

Coefficient of Utilization



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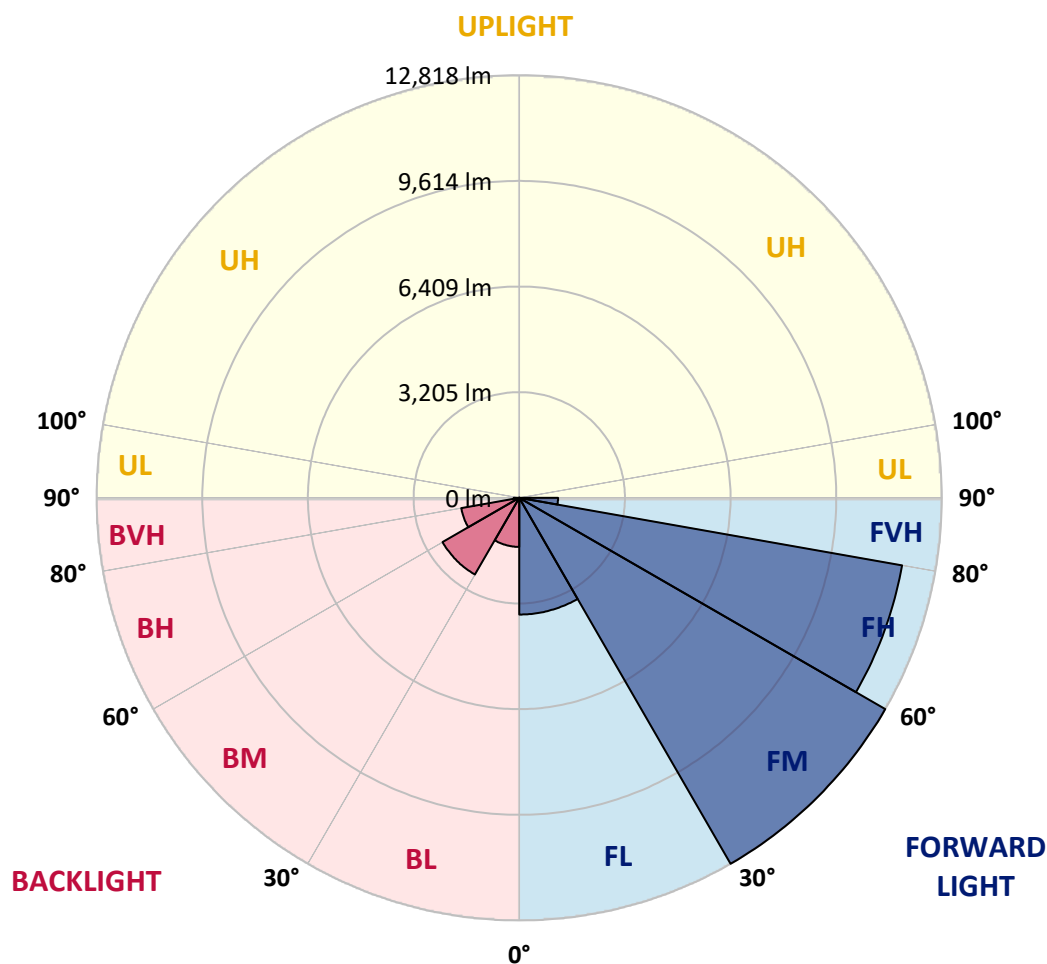
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3540.4	10.0			
FM	(30°-60°)	12818.2	36.2			
FH	(60°-80°)	11791.5	33.3			G4/12000
FVH	(80°-90°)	1176.4	3.3			G5
BL	(0°-30°)	1488.2	4.2	B3/2500		
BM	(30°-60°)	2686.5	7.6	B3/5000		
BH	(60°-80°)	1786.3	5.0	B3/2500		G3/2500
BVH	(80°-90°)	168.6	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°	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9
2.5°	11571.7	11469.6	11315.1	11160.6	11045.7	10929.5	10797.7	10665.8	10515.6	10363.9	10274.6
5°	11380.3	11096.8	10728.2	10359.6	10115.8	9872.0	9595.6	9319.1	9045.5	8771.9	8624.5
7.5°	10518.4	10093.1	9614.0	9134.8	8780.5	8424.6	8041.9	7657.7	7317.5	6975.9	6764.7
10°	9670.7	9160.4	8610.3	8058.9	7605.3	7151.7	6767.5	6381.9	6125.3	5868.8	5674.5
12.5°	9062.6	8496.9	7891.6	7284.9	6831.3	6377.7	6133.8	5890.0	5677.4	5464.7	5240.8
15°	8821.6	8182.2	7562.8	6941.9	6529.3	6116.8	5846.1	5573.9	5289.0	5002.6	4727.6
17.5°	9034.2	8285.7	7612.4	6939.0	6398.9	5858.8	5480.3	5100.4	4724.8	4349.1	4030.2
20°	9697.6	8742.2	7861.9	6980.1	6261.4	5542.7	5035.2	4526.3	4044.3	3562.4	3200.9
22.5°	10629.0	9364.5	8214.8	7065.2	6136.7	5206.8	4570.3	3932.4	3362.5	2792.6	2438.2
25°	11760.2	10189.5	8723.8	7256.6	6085.6	4913.3	4130.8	3348.3	2747.3	2144.8	1892.5
27.5°	12952.4	11173.3	9356.0	7537.2	6094.2	4651.1	3760.8	2869.2	2327.7	1786.1	1613.2
30°	13946.1	12297.5	10093.1	7887.4	6126.8	4366.1	3412.1	2458.1	2011.5	1565.0	1453.0
32.5°	14854.8	13081.4	10648.8	8214.8	6163.6	4111.0	3142.8	2173.1	1808.8	1443.1	1350.9
35°	15793.2	13777.4	11037.2	8295.6	6099.8	3902.6	2958.5	2014.4	1678.4	1341.0	1263.1
37.5°	16826.6	14530.1	11411.5	8291.4	5992.1	3692.8	2815.3	1936.4	1593.4	1248.9	1192.2
40°	17979.1	15362.3	11816.9	8271.5	5894.3	3515.6	2709.0	1901.0	1546.6	1190.8	1142.6
42.5°	19106.1	16156.1	12194.0	8231.9	5814.9	3396.5	2604.1	1811.7	1504.0	1195.0	1127.0
45°	19952.4	16849.3	12521.4	8192.2	5755.4	3318.5	2521.9	1725.2	1464.4	1203.5	1117.0
47.5°	20594.5	17545.3	12884.3	8221.9	5749.7	3277.4	2463.7	1650.1	1389.2	1127.0	1091.5
50°	21411.0	18381.7	13413.1	8444.5	5827.6	3210.8	2395.7	1579.2	1316.9	1054.7	1102.9
52.5°	22427.4	19575.3	14232.4	8888.2	5990.7	3093.1	2288.0	1482.8	1229.0	973.9	1049.0
55°	23920.1	21104.8	15280.0	9453.8	6187.7	2920.2	2124.9	1328.3	1112.8	895.9	962.5
57.5°	25259.8	22650.0	16285.1	9918.8	6311.0	2701.9	1919.4	1136.9	982.4	827.9	866.1
60°	25856.6	23446.7	16755.7	10063.4	6237.3	2411.3	1688.3	964.0	867.6	771.2	764.1
62.5°	25624.1	22940.6	16292.2	9643.8	5877.3	2110.8	1484.2	857.6	785.3	711.6	696.0
65°	24943.6	21350.1	14993.7	8637.3	5269.1	1901.0	1355.2	809.4	728.6	647.8	630.8
67.5°	23602.6	19086.2	13153.7	7221.1	4496.5	1772.0	1281.5	791.0	693.2	594.0	574.1
70°	21195.6	16361.6	11034.4	5705.7	3699.9	1692.6	1233.3	774.0	654.9	534.4	516.0
72.5°	17409.2	13118.2	8811.6	4503.6	3093.1	1682.7	1227.6	772.6	623.7	474.9	457.9
75°	12464.7	9964.1	6726.4	3487.2	2533.2	1579.2	1165.2	751.3	581.2	409.7	394.1
77.5°	8387.8	6896.5	4675.2	2452.4	1879.7	1307.0	979.5	652.1	497.6	343.1	327.5
80°	5386.8	4773.0	3132.8	1492.7	1219.1	945.5	700.3	455.0	362.9	269.3	256.6
82.5°	3952.2	3552.4	2177.4	802.3	677.6	551.4	428.1	304.8	248.1	191.4	185.7
85°	2511.9	2769.9	1603.3	436.6	357.2	277.8	229.6	181.4	143.2	104.9	104.9
87.5°	487.6	674.8	443.7	211.2	154.5	97.8	83.6	68.0	38.3	7.1	8.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9
2.5°	10183.9	10086.0	9988.2	9877.7	9765.7	9662.2	9557.3	9442.5	9463.7	9375.8	9287.9
5°	8477.1	8321.2	8163.8	8027.7	7891.6	7774.0	7654.9	7548.6	7640.7	7578.4	7516.0
7.5°	6552.0	6359.2	6165.0	6002.0	5839.0	5712.8	5585.2	5497.4	5588.1	5576.7	5565.4
10°	5480.3	5293.2	5104.7	4924.7	4744.6	4591.5	4437.0	4306.6	4283.9	4218.7	4152.1
12.5°	5015.4	4758.8	4500.8	4312.3	4123.7	3940.9	3758.0	3604.9	3535.4	3427.7	3318.5
15°	4452.6	4149.2	3845.9	3631.8	3416.4	3239.2	3060.5	2928.7	2884.8	2801.1	2717.5
17.5°	3711.2	3379.5	3047.8	2830.9	2612.6	2470.8	2327.7	2239.8	2239.8	2215.7	2191.6
20°	2839.4	2543.1	2246.9	2081.0	1915.1	1840.0	1763.5	1726.6	1737.9	1739.4	1739.4
22.5°	2082.4	1901.0	1719.5	1652.9	1584.8	1557.9	1531.0	1515.4	1521.1	1522.5	1523.9
25°	1640.1	1570.7	1499.8	1465.8	1430.3	1413.3	1396.3	1390.6	1403.4	1404.8	1404.8
27.5°	1440.3	1397.7	1353.8	1332.5	1309.8	1302.8	1295.7	1285.7	1298.5	1298.5	1297.1
30°	1339.6	1294.2	1248.9	1221.9	1195.0	1197.9	1199.3	1196.4	1204.9	1210.6	1214.9
32.5°	1257.4	1213.4	1169.5	1142.6	1114.2	1110.0	1105.7	1102.9	1121.3	1131.2	1141.1
35°	1183.7	1135.5	1087.3	1061.8	1036.2	1026.3	1016.4	1009.3	1026.3	1039.1	1051.8
37.5°	1134.1	1084.4	1033.4	1009.3	983.8	971.0	958.3	949.8	956.9	962.5	968.2
40°	1094.4	1043.3	990.9	962.5	934.2	921.4	908.7	901.6	905.8	907.2	908.7
42.5°	1057.5	1007.9	958.3	927.1	894.5	878.9	863.3	854.8	857.6	860.5	861.9
45°	1030.6	981.0	929.9	893.1	854.8	837.8	820.8	810.9	812.3	812.3	812.3
47.5°	1056.1	983.8	910.1	867.6	823.6	803.8	783.9	774.0	771.2	768.3	765.5
50°	1149.7	1026.3	901.6	847.7	792.4	771.2	748.5	737.1	730.1	727.2	724.4
52.5°	1122.7	1016.4	908.7	839.2	768.3	742.8	717.3	698.9	691.8	687.5	683.3
55°	1027.7	961.1	893.1	809.4	725.8	703.1	679.0	666.3	653.5	650.7	647.8
57.5°	903.0	876.1	849.1	764.1	679.0	657.8	635.1	626.6	615.2	615.2	613.8
60°	755.6	795.3	835.0	737.1	637.9	613.8	589.7	582.6	578.4	577.0	575.5
62.5°	679.0	744.2	808.0	704.5	599.6	574.1	548.6	540.1	538.7	540.1	540.1
65°	613.8	633.7	653.5	605.3	557.1	531.6	504.7	496.2	499.0	503.2	507.5
67.5°	554.3	550.0	545.8	528.8	510.3	489.1	466.4	457.9	459.3	465.0	470.6
70°	497.6	491.9	484.8	472.1	459.3	440.9	422.4	416.8	415.3	422.4	428.1
72.5°	440.9	433.8	425.3	415.3	404.0	388.4	372.8	368.6	370.0	374.2	378.5
75°	378.5	372.8	365.7	357.2	347.3	333.1	319.0	316.1	319.0	323.2	327.5
77.5°	310.4	309.0	306.2	299.1	292.0	276.4	259.4	258.0	262.3	266.5	269.3
80°	242.4	243.8	245.2	239.6	233.9	216.9	198.5	197.0	201.3	205.5	209.8
82.5°	178.6	182.9	185.7	178.6	171.5	151.7	131.8	129.0	143.2	147.4	151.7
85°	103.5	109.2	114.8	109.2	103.5	83.6	63.8	62.4	75.1	82.2	89.3
87.5°	8.5	11.3	14.2	12.8	11.3	5.7	0.0	0.0	1.4	7.1	12.8
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



REPORT NUMBER: P320781

CATALOG NUMBER: GAN-SA7D-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: P320781

CATALOG NUMBER: GAN-SA7D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9
2.5°	9232.7	9177.4	9160.4	9143.4	9081.0	9017.2	9082.4	9146.2	9173.1	9200.1	9130.6
5°	7507.5	7497.6	7497.6	7496.1	7439.4	7381.3	7425.3	7467.8	7372.8	7277.8	7267.9
7.5°	5626.4	5687.3	5736.9	5785.1	5766.7	5748.3	5789.4	5830.5	5710.0	5588.1	5528.5
10°	4166.3	4179.0	4232.9	4286.7	4299.5	4310.8	4361.9	4411.5	4317.9	4224.4	4183.3
12.5°	3250.5	3182.5	3189.5	3195.2	3220.7	3244.8	3298.7	3351.1	3312.9	3273.2	3277.4
15°	2632.4	2546.0	2510.5	2473.7	2502.0	2530.4	2568.6	2605.5	2606.9	2606.9	2643.8
17.5°	2149.0	2105.1	2069.7	2032.8	2071.1	2107.9	2112.2	2116.4	2117.9	2119.3	2116.4
20°	1760.6	1781.9	1770.6	1759.2	1773.4	1786.1	1797.5	1807.4	1794.6	1780.5	1745.0
22.5°	1543.7	1562.2	1576.3	1589.1	1613.2	1635.9	1624.5	1611.8	1586.3	1559.3	1532.4
25°	1417.6	1430.3	1444.5	1458.7	1478.5	1497.0	1477.1	1457.3	1438.8	1420.4	1402.0
27.5°	1311.3	1324.0	1336.8	1348.1	1366.5	1383.6	1365.1	1346.7	1331.1	1315.5	1301.3
30°	1224.8	1233.3	1243.2	1253.1	1270.1	1285.7	1270.1	1253.1	1241.8	1229.0	1219.1
32.5°	1151.1	1159.6	1163.8	1168.1	1183.7	1199.3	1187.9	1176.6	1166.7	1156.7	1149.7
35°	1070.3	1087.3	1090.1	1092.9	1108.5	1124.1	1117.0	1108.5	1097.2	1085.9	1073.1
37.5°	988.0	1007.9	1019.2	1029.2	1044.8	1060.3	1053.3	1046.2	1030.6	1015.0	992.3
40°	918.6	927.1	948.4	968.2	993.7	1017.8	1003.6	988.0	964.0	939.9	928.5
42.5°	860.5	859.1	878.9	898.7	937.0	973.9	948.4	922.8	900.2	877.5	874.6
45°	809.4	805.2	815.1	825.0	866.1	905.8	880.3	853.4	840.6	827.9	827.9
47.5°	764.1	761.2	768.3	774.0	799.5	823.6	810.9	798.1	791.0	783.9	785.3
50°	723.0	720.1	727.2	732.9	742.8	751.3	754.1	755.6	751.3	747.1	749.9
52.5°	684.7	684.7	687.5	688.9	701.7	714.5	714.5	713.0	713.0	713.0	715.9
55°	652.1	654.9	654.9	654.9	674.8	693.2	687.5	681.9	683.3	683.3	686.1
57.5°	619.5	623.7	626.6	629.4	649.2	669.1	663.4	657.8	657.8	657.8	659.2
60°	582.6	588.3	594.0	599.6	619.5	639.3	633.7	626.6	628.0	629.4	630.8
62.5°	547.2	552.9	558.5	564.2	584.0	603.9	598.2	591.1	595.4	598.2	598.2
65°	513.2	517.4	523.1	528.8	547.2	565.6	559.9	554.3	559.9	564.2	567.0
67.5°	474.9	477.7	483.4	489.1	507.5	525.9	520.2	513.2	520.2	525.9	531.6
70°	430.9	433.8	440.9	446.5	465.0	483.4	476.3	469.2	476.3	483.4	489.1
72.5°	382.7	385.6	392.7	398.3	419.6	440.9	432.4	423.9	432.4	440.9	443.7
75°	330.3	333.1	341.6	348.7	370.0	391.3	384.2	375.7	382.7	389.8	391.3
77.5°	273.6	277.8	289.2	300.5	317.5	334.5	330.3	326.0	330.3	334.5	334.5
80°	214.1	218.3	232.5	245.2	255.2	265.1	266.5	267.9	269.3	270.8	269.3
82.5°	158.8	164.4	177.2	190.0	190.0	190.0	201.3	211.2	211.2	209.8	208.4
85°	97.8	104.9	116.2	127.6	120.5	113.4	131.8	148.8	148.8	147.4	144.6
87.5°	19.8	26.9	38.3	48.2	41.1	34.0	52.5	70.9	72.3	72.3	69.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320781
 CATALOG NUMBER: GAN-SA7D-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: P320781

CATALOG NUMBER: GAN-SA7D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9
2.5°	9059.7	9170.3	9279.4	9307.8	9350.3	9368.7	9385.8	9524.7	9662.2	9823.8	9985.4
5°	7256.6	7338.8	7421.0	7433.8	7477.7	7500.4	7523.1	7691.8	7859.0	8084.4	8309.8
7.5°	5469.0	5488.8	5508.7	5505.9	5542.7	5592.3	5640.5	5820.6	5999.2	6241.6	6482.6
10°	4142.2	4187.5	4231.5	4272.6	4353.4	4446.9	4539.1	4723.4	4907.6	5147.2	5385.4
12.5°	3281.7	3334.1	3385.2	3430.5	3524.1	3648.8	3772.2	3993.3	4214.4	4500.8	4785.7
15°	2679.2	2675.0	2670.7	2701.9	2784.1	2920.2	3054.9	3288.8	3522.7	3837.4	4150.7
17.5°	2113.6	2092.3	2071.1	2095.2	2171.7	2283.7	2394.3	2592.7	2789.8	3094.6	3399.3
20°	1709.6	1695.4	1681.2	1703.9	1752.1	1798.9	1845.7	1988.9	2130.6	2378.7	2625.3
22.5°	1504.0	1502.6	1499.8	1512.6	1535.2	1559.3	1582.0	1651.5	1719.5	1879.7	2038.5
25°	1383.6	1382.1	1380.7	1386.4	1404.8	1423.2	1441.7	1487.0	1532.4	1608.9	1685.5
27.5°	1287.2	1284.3	1281.5	1282.9	1287.2	1315.5	1342.4	1363.7	1383.6	1436.0	1487.0
30°	1209.2	1207.8	1206.4	1206.4	1202.1	1212.0	1221.9	1254.6	1285.7	1339.6	1393.5
32.5°	1142.6	1135.5	1128.4	1112.8	1102.9	1117.0	1131.2	1165.2	1199.3	1248.9	1298.5
35°	1058.9	1040.5	1020.7	1012.1	1013.6	1027.7	1041.9	1075.9	1108.5	1162.4	1214.9
37.5°	968.2	962.5	955.4	954.0	958.3	972.5	986.6	1016.4	1044.8	1098.6	1151.1
40°	917.2	914.3	911.5	908.7	911.5	925.7	939.9	968.2	995.1	1047.6	1098.6
42.5°	871.8	870.4	869.0	869.0	870.4	886.0	901.6	929.9	956.9	1003.6	1050.4
45°	827.9	829.3	829.3	832.1	836.4	852.0	866.1	897.3	928.5	973.9	1019.2
47.5°	786.8	791.0	793.8	800.9	805.2	822.2	837.8	871.8	905.8	962.5	1017.8
50°	751.3	755.6	758.4	764.1	775.4	795.3	815.1	856.2	895.9	990.9	1084.4
52.5°	718.7	723.0	727.2	732.9	747.1	769.7	792.4	843.5	893.1	1003.6	1114.2
55°	688.9	693.2	696.0	704.5	718.7	738.6	757.0	819.4	881.7	962.5	1043.3
57.5°	660.6	664.8	667.7	673.3	680.4	701.7	721.5	788.2	854.8	911.5	966.8
60°	630.8	633.7	635.1	635.1	640.7	664.8	688.9	774.0	857.6	847.7	836.4
62.5°	598.2	601.1	602.5	598.2	605.3	630.8	656.3	766.9	877.5	809.4	741.4
65°	568.4	567.0	565.6	561.4	569.9	595.4	619.5	674.8	730.1	703.1	676.2
67.5°	535.8	531.6	527.3	521.7	530.2	552.9	574.1	592.5	611.0	613.8	616.6
70°	494.7	489.1	483.4	482.0	486.2	504.7	523.1	535.8	547.2	552.9	557.1
72.5°	446.5	442.3	438.0	435.2	436.6	452.2	466.4	477.7	489.1	493.3	496.2
75°	392.7	392.7	391.3	382.7	382.7	395.5	406.8	416.8	426.7	432.4	438.0
77.5°	334.5	336.0	336.0	324.6	323.2	336.0	347.3	355.8	362.9	368.6	372.8
80°	267.9	265.1	262.3	255.2	252.3	267.9	282.1	289.2	294.9	296.3	296.3
82.5°	205.5	199.9	192.8	177.2	178.6	195.6	211.2	216.9	222.6	222.6	222.6
85°	140.3	129.0	116.2	103.5	104.9	123.3	140.3	146.0	151.7	154.5	155.9
87.5°	66.6	55.3	42.5	32.6	32.6	48.2	62.4	65.2	68.0	73.7	79.4
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: P320781
 CATALOG NUMBER: GAN-SA7D-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: P320781

CATALOG NUMBER: GAN-SA7D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9
2.5°	10108.7	10230.6	10356.8	10483.0	10627.6	10772.1	10940.8	11108.1	11251.3	11394.5	11513.5
5°	8504.0	8698.2	8926.5	9154.7	9445.3	9735.9	10091.7	10446.1	10762.2	11078.3	11445.5
7.5°	6736.3	6988.6	7286.3	7584.0	7959.7	8335.3	8796.0	9256.8	9703.3	10148.4	10712.6
10°	5650.5	5915.5	6209.0	6501.0	6883.7	7265.1	7752.7	8238.9	8740.8	9241.2	9879.1
12.5°	5080.6	5374.0	5632.0	5890.0	6200.5	6509.5	6981.6	7453.6	8043.3	8631.6	9245.4
15°	4472.4	4792.8	5101.8	5410.9	5749.7	6087.1	6546.4	7005.7	7650.6	8295.6	9001.6
17.5°	3736.7	4074.1	4451.2	4826.8	5269.1	5710.0	6298.3	6886.6	7650.6	8413.3	9245.4
20°	2969.8	3314.3	3765.1	4215.9	4765.9	5314.5	6077.1	6839.8	7869.0	8896.7	9958.5
22.5°	2343.3	2646.6	3138.5	3629.0	4264.1	4899.1	5877.3	6854.0	8199.2	9543.1	10976.3
25°	1899.5	2113.6	2597.0	3079.0	3811.9	4544.7	5755.4	6964.5	8679.8	10393.7	12171.3
27.5°	1627.4	1767.7	2218.5	2667.9	3468.8	4268.3	5705.7	7141.7	9289.4	11437.0	13471.2
30°	1491.3	1589.1	1970.4	2350.3	3164.0	3977.7	5646.2	7314.7	9876.2	12436.4	14487.6
32.5°	1377.9	1455.8	1781.9	2106.5	2900.4	3694.2	5531.4	7367.1	10285.9	13204.7	15348.1
35°	1281.5	1346.7	1630.2	1913.7	2693.4	3473.1	5338.6	7204.1	10542.5	13880.9	16244.0
37.5°	1203.5	1254.6	1516.8	1779.1	2514.8	3250.5	5118.9	6987.2	10770.7	14554.2	17251.9
40°	1142.6	1186.5	1431.8	1677.0	2344.7	3012.3	4930.3	6846.9	11085.4	15324.0	18316.5
42.5°	1108.5	1165.2	1358.0	1549.4	2183.1	2816.7	4778.6	6740.6	11377.5	16012.9	19247.8
45°	1100.0	1180.8	1319.8	1458.7	2062.6	2666.5	4644.0	6620.1	11566.0	16511.9	19949.5
47.5°	1085.9	1152.5	1290.0	1427.5	2003.0	2577.2	4571.7	6564.8	11754.5	16942.8	20532.1
50°	1094.4	1102.9	1265.9	1427.5	1994.5	2561.6	4653.9	6746.2	12162.8	17577.9	21198.4
52.5°	1078.8	1041.9	1220.5	1399.1	1993.1	2587.1	4890.6	7194.2	12921.2	18646.8	21920.0
55°	996.6	948.4	1135.5	1322.6	1963.3	2602.7	5172.7	7741.4	13939.0	20135.2	23217.0
57.5°	924.3	880.3	1039.1	1196.4	1872.6	2548.8	5463.3	8376.4	15014.9	21652.0	24678.6
60°	827.9	817.9	931.3	1044.8	1732.3	2418.4	5702.9	8986.0	15737.9	22488.4	25241.3
62.5°	748.5	754.1	837.8	921.4	1556.5	2190.2	5782.3	9373.0	15718.1	22063.1	24674.3
65°	687.5	697.4	779.7	861.9	1406.2	1950.6	5521.5	9090.9	14922.8	20753.3	23553.0
67.5°	628.0	639.3	737.1	833.5	1273.0	1711.0	4869.4	8026.3	13492.5	18957.2	22126.9
70°	571.3	585.5	691.8	798.1	1176.6	1553.7	4028.7	6503.8	11702.1	16898.9	20475.4
72.5°	510.3	524.5	637.9	751.3	1115.6	1478.5	3284.5	5089.1	9496.3	13902.2	17514.1
75°	448.0	457.9	581.2	703.1	1032.0	1360.9	2577.2	3792.0	7267.9	10743.8	13228.8
77.5°	385.6	398.3	501.8	603.9	876.1	1146.8	1942.1	2737.3	5332.9	7927.1	9200.1
80°	307.6	319.0	392.7	465.0	676.2	886.0	1335.4	1784.7	3670.1	5555.5	6272.8
82.5°	235.3	248.1	297.7	345.9	482.0	618.1	809.4	1000.8	2438.2	3874.2	3933.8
85°	161.6	165.9	201.3	235.3	297.7	360.1	463.5	567.0	1613.2	2659.4	2215.7
87.5°	80.8	80.8	104.9	129.0	160.2	191.4	245.2	297.7	516.0	734.3	422.4
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: P320781
 CATALOG NUMBER: GAN-SA7D-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: P320781

CATALOG NUMBER: GAN-SA7D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9
2.5°	11665.2	11768.7	11873.6	11953.0	12033.8	12150.0	12266.3	12287.5	12310.2	12264.9	12219.5
5°	11815.5	12128.8	12443.5	12734.1	13024.7	13199.0	13373.4	13408.8	13444.3	13335.1	13224.6
7.5°	11258.4	11804.1	12349.9	12850.3	13350.7	13654.1	13958.9	14026.9	14096.4	13917.7	13739.1
10°	10514.1	11184.7	11855.2	12514.3	13173.5	13614.4	14055.2	14143.1	14231.0	14008.5	13785.9
12.5°	9938.6	10654.5	11370.4	12065.0	12761.0	13217.5	13673.9	13783.1	13892.2	13730.6	13567.6
15°	9761.4	10434.8	11108.1	11713.4	12320.1	12693.0	13067.2	13111.1	13156.5	13131.0	13105.5
17.5°	10083.2	10691.3	11300.9	11629.8	11960.1	12108.9	12259.2	12307.4	12357.0	12420.8	12486.0
20°	10862.9	11291.0	11720.5	11706.3	11690.7	11618.4	11544.7	11532.0	11519.2	11702.1	11886.4
22.5°	12026.7	12196.8	12368.3	11970.0	11571.7	11329.3	11085.4	11037.2	10987.6	11181.8	11377.5
25°	13289.8	13258.6	13226.0	12467.6	11707.7	11245.6	10783.5	10729.6	10675.8	10841.6	11008.9
27.5°	14540.1	14335.9	14131.8	13101.2	12070.6	11400.1	10729.6	10675.8	10621.9	10769.3	10916.7
30°	15457.2	15129.8	14802.3	13635.6	12469.0	11672.3	10875.6	10787.7	10698.4	10879.9	11061.3
32.5°	16173.1	15733.7	15294.2	14069.4	12844.6	11982.8	11120.9	10983.4	10845.9	11088.3	11330.7
35°	16887.6	16269.5	15650.0	14456.4	13261.4	12349.9	11437.0	11268.3	11099.6	11432.7	11765.9
37.5°	17786.3	16898.9	16010.1	14891.6	13773.2	12899.9	12025.3	11852.3	11679.4	12103.2	12528.5
40°	18761.6	17577.9	16394.2	15367.9	14341.6	13661.2	12979.3	12814.9	12649.0	13165.0	13681.0
42.5°	19572.4	18210.2	16847.9	15942.0	15034.8	14555.7	14075.1	14073.7	14070.8	14593.9	15117.0
45°	20231.6	18737.5	17242.0	16502.0	15760.6	15511.1	15261.6	15461.5	15661.4	16133.4	16606.9
47.5°	20723.5	19179.8	17634.6	17142.7	16650.8	16687.7	16724.5	17131.4	17538.2	17841.6	18146.4
50°	21043.9	19581.0	18116.6	17964.9	17813.2	18143.5	18475.2	18941.6	19409.4	19616.4	19823.4
52.5°	21510.3	20125.3	18738.9	18909.0	19079.1	19753.9	20428.7	20900.7	21372.8	21449.3	21527.3
55°	22589.0	21126.1	19661.8	19987.8	20315.3	21304.7	22295.6	22664.2	23032.7	23061.1	23089.4
57.5°	24121.4	22528.1	20934.7	21286.3	21637.9	22780.4	23924.4	24321.3	24719.7	24664.4	24607.7
60°	25268.3	23859.2	22448.7	22803.1	23157.5	24271.7	25385.9	25842.4	26300.3	26178.3	26056.4
62.5°	25339.1	24586.4	23832.3	24152.6	24474.4	25566.0	26657.5	27126.7	27595.9	27383.3	27170.6
65°	24212.2	24549.6	24886.9	24993.3	25099.6	26117.4	27136.6	27495.3	27855.3	27747.6	27639.9
67.5°	22659.9	23903.1	25147.8	24933.7	24719.7	25197.4	25675.1	26045.1	26415.1	26354.1	26291.8
70°	21110.5	22770.5	24430.5	23378.6	22325.4	22128.3	21931.3	22329.6	22729.4	22482.7	22234.7
72.5°	18472.4	20241.5	22012.1	20074.3	18136.4	17463.1	16789.7	17295.8	17801.9	17409.2	17015.1
75°	14500.4	16455.2	18411.5	16099.4	13787.3	12888.6	11989.8	12425.0	12860.2	12590.9	12320.1
77.5°	10794.8	12721.3	14647.8	12297.5	9945.7	9278.0	8608.9	8737.9	8868.3	8823.0	8776.2
80°	7321.8	8664.2	10008.1	8443.1	6878.1	6929.1	6981.6	6920.6	6858.2	6948.9	7039.7
82.5°	4672.3	5708.6	6746.2	5915.5	5084.8	5561.1	6037.4	5803.5	5568.2	5654.7	5742.6
85°	2666.5	3680.0	4695.0	4376.1	4055.7	4333.5	4612.8	4249.9	3887.0	4045.8	4205.9
87.5°	703.1	2035.6	3369.6	3059.1	2748.7	2388.6	2028.5	1548.0	1067.4	1559.3	2051.2
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: P320781

CATALOG NUMBER: GAN-SA7D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9	10801.9
2.5°	12195.4	12171.3	12084.8	11996.9	11866.5	11758.8	11571.7
5°	13071.5	12918.4	12654.7	12389.6	12094.7	11755.9	11380.3
7.5°	13381.9	13023.3	12517.2	12009.7	11553.2	11017.4	10518.4
10°	13250.1	12712.8	12055.1	11395.9	10841.6	10225.0	9670.7
12.5°	12997.7	12426.5	11702.1	10976.3	10345.5	9683.4	9062.6
15°	12650.4	12194.0	11515.0	10835.9	10200.9	9557.3	8821.6
17.5°	12270.5	12053.6	11563.2	11071.3	10521.2	9897.5	9034.2
20°	11964.3	12043.7	11848.1	11652.5	11211.6	10667.2	9697.6
22.5°	11757.4	12138.7	12289.0	12440.6	12175.5	11750.3	10629.0
25°	11641.1	12273.4	12776.6	13281.3	13163.6	12836.1	11760.2
27.5°	11692.2	12467.6	13248.6	14031.2	14140.3	14049.6	12952.4
30°	11845.3	12630.6	13581.8	14534.4	14969.6	15091.5	13946.1
32.5°	12100.4	12870.2	13906.4	14944.1	15601.8	15990.2	14854.8
35°	12486.0	13206.1	14286.3	15366.5	16217.0	16925.8	15793.2
37.5°	13148.0	13767.5	14764.0	15762.0	16864.9	17929.5	16826.6
40°	14117.6	14555.7	15397.7	16241.1	17629.0	19066.4	17979.1
42.5°	15341.0	15566.4	16234.1	16901.7	18427.0	20098.4	19106.1
45°	16666.4	16726.0	17145.6	17566.6	19059.3	20801.5	19952.4
47.5°	17942.2	17738.1	17905.4	18072.7	19544.1	21303.3	20594.5
50°	19254.9	18686.5	18598.6	18510.7	20028.9	21894.4	21411.0
52.5°	20590.3	19653.2	19305.9	18957.2	20607.3	22678.4	22427.4
55°	21897.3	20705.1	20237.3	19769.5	21491.8	23635.2	23920.1
57.5°	23256.7	21905.8	21472.0	21038.2	22791.8	24847.2	25259.8
60°	24719.7	23381.5	23034.2	22685.4	24407.8	26157.1	25856.6
62.5°	26107.5	25044.3	24861.4	24677.1	26042.3	27163.6	25624.1
65°	27034.6	26427.8	26597.9	26769.5	27278.4	27414.5	24943.6
67.5°	26415.1	26538.4	27257.1	27977.2	27627.1	26668.8	23602.6
70°	22973.2	23713.2	25415.7	27119.6	26342.8	24671.5	21195.6
72.5°	17845.8	18678.0	21205.5	23734.4	23018.6	20971.6	17409.2
75°	13258.6	14198.4	16988.2	19778.0	18784.3	15686.9	12464.7
77.5°	9405.6	10035.0	12789.4	15545.1	13924.8	10441.9	8387.8
80°	6846.9	6654.1	8189.3	9724.6	9455.2	6906.4	5386.8
82.5°	5272.0	4801.3	5524.3	6247.2	6207.6	4792.8	3952.2
85°	4017.4	3828.9	4468.2	5107.5	4560.3	3246.2	2511.9
87.5°	2341.8	2633.9	3386.6	4140.7	3107.3	985.2	487.6
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: P320781
 CATALOG NUMBER: GAN-SA7D-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)