

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: P320762

Luminaire Tested: **GAN-SA8B-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320762
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-SA8B-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 CRI, 2700K, 800mA 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: 29588 lumens
Efficiency: N/A
Efficacy: 88.6 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): 334
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



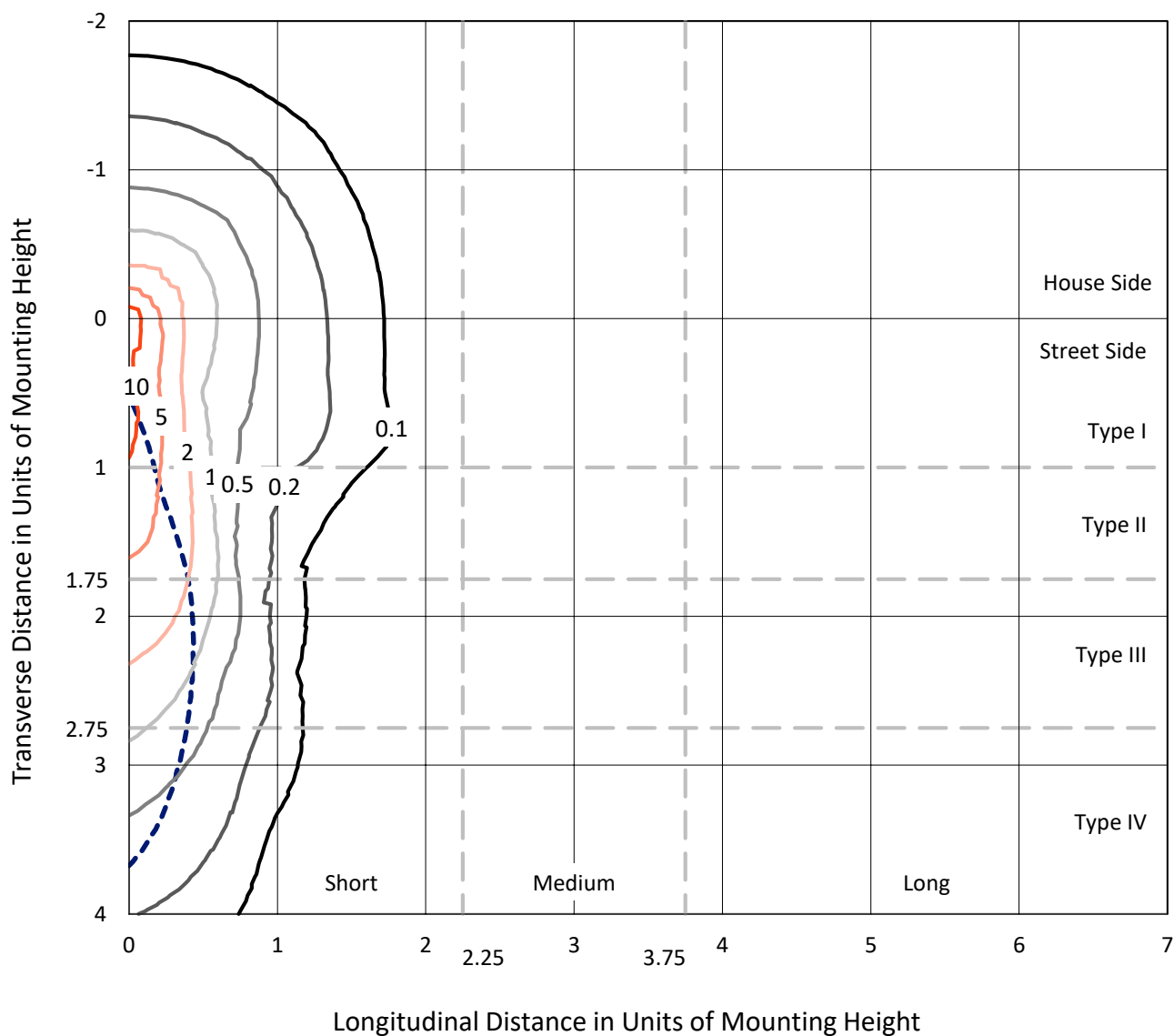
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

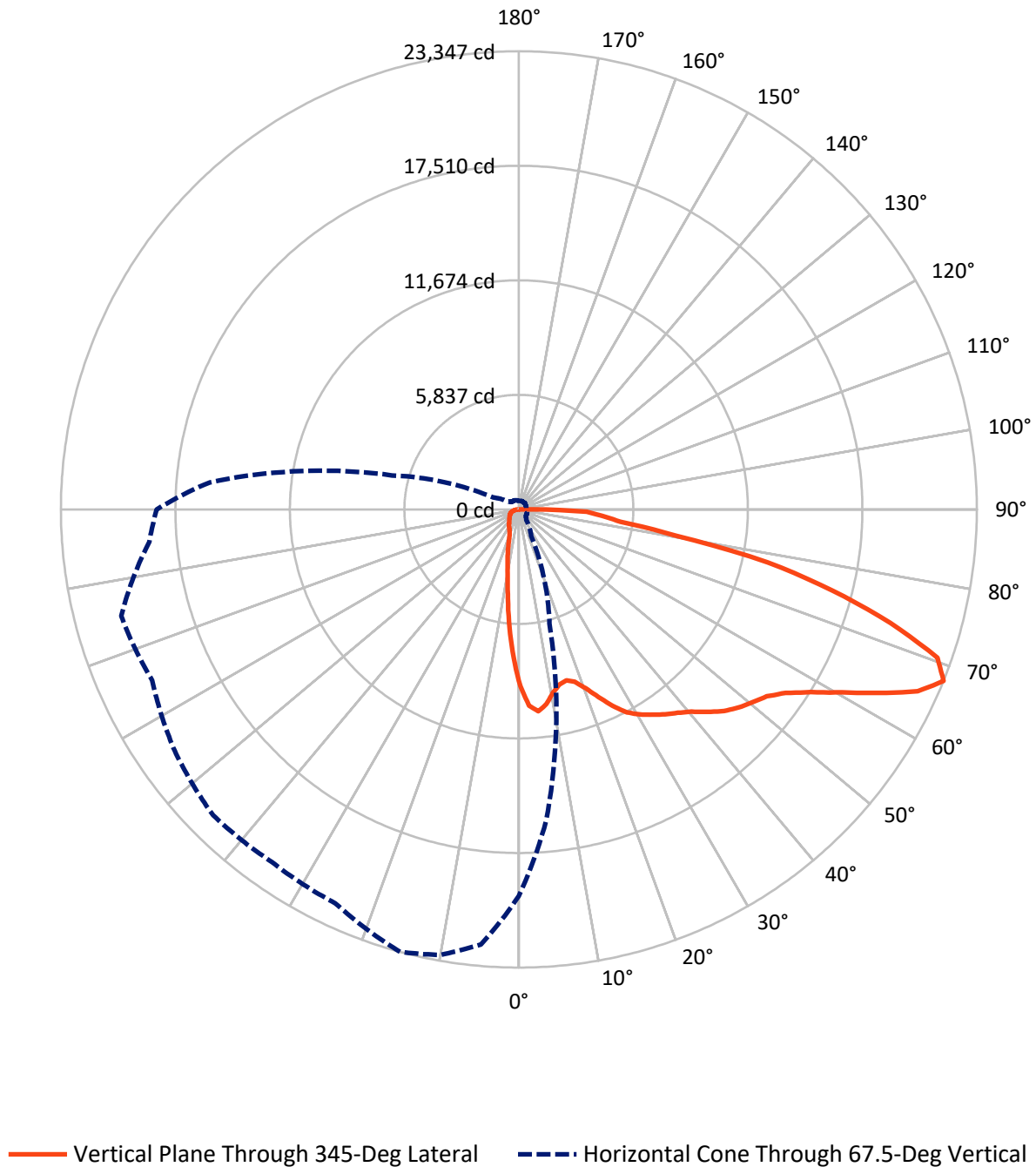
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.4 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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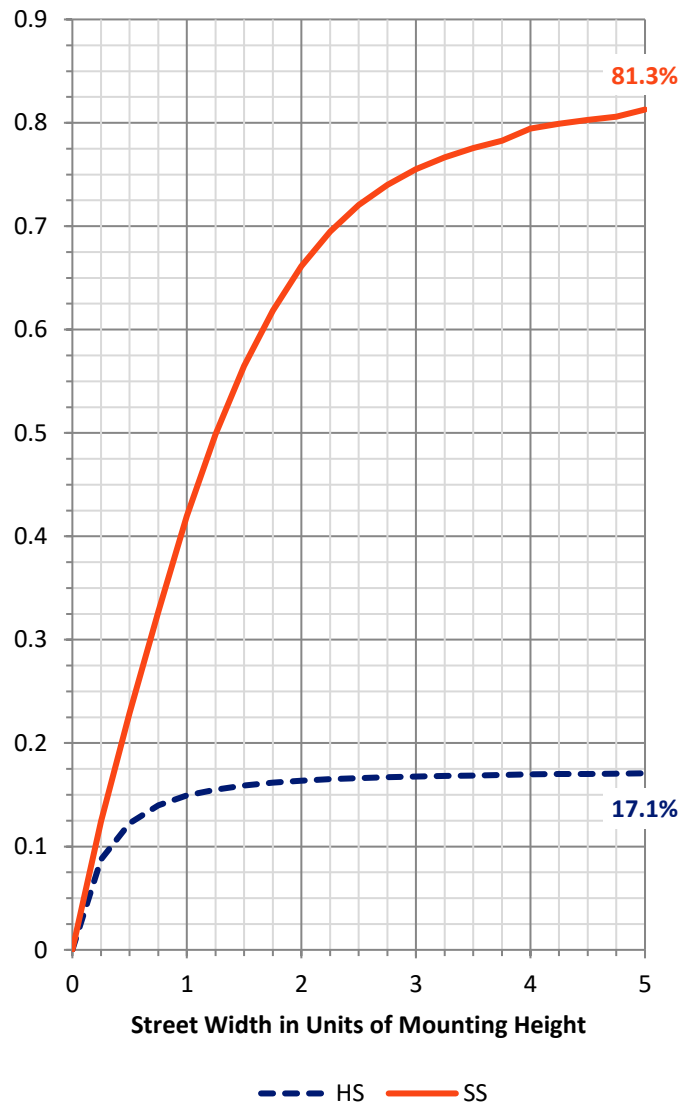
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5115.1	0.0	5115.1
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	24472.9	0.0	24472.9
	% Fixture	82.7	0.0	82.7
Total	Lumens	29588.0	0.0	29588.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	695.7	2.4
10°-20°	1445.2	4.9
20°-30°	2055.4	6.9
30°-40°	2961.9	10.0
40°-50°	4174.1	14.1
50°-60°	5802.7	19.6
60°-70°	7017.2	23.7
70°-80°	4313.4	14.6
80°-90°	1122.4	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°	29588.0	100.0
0°-180°	29588.0	100.0

Coefficient of Utilization



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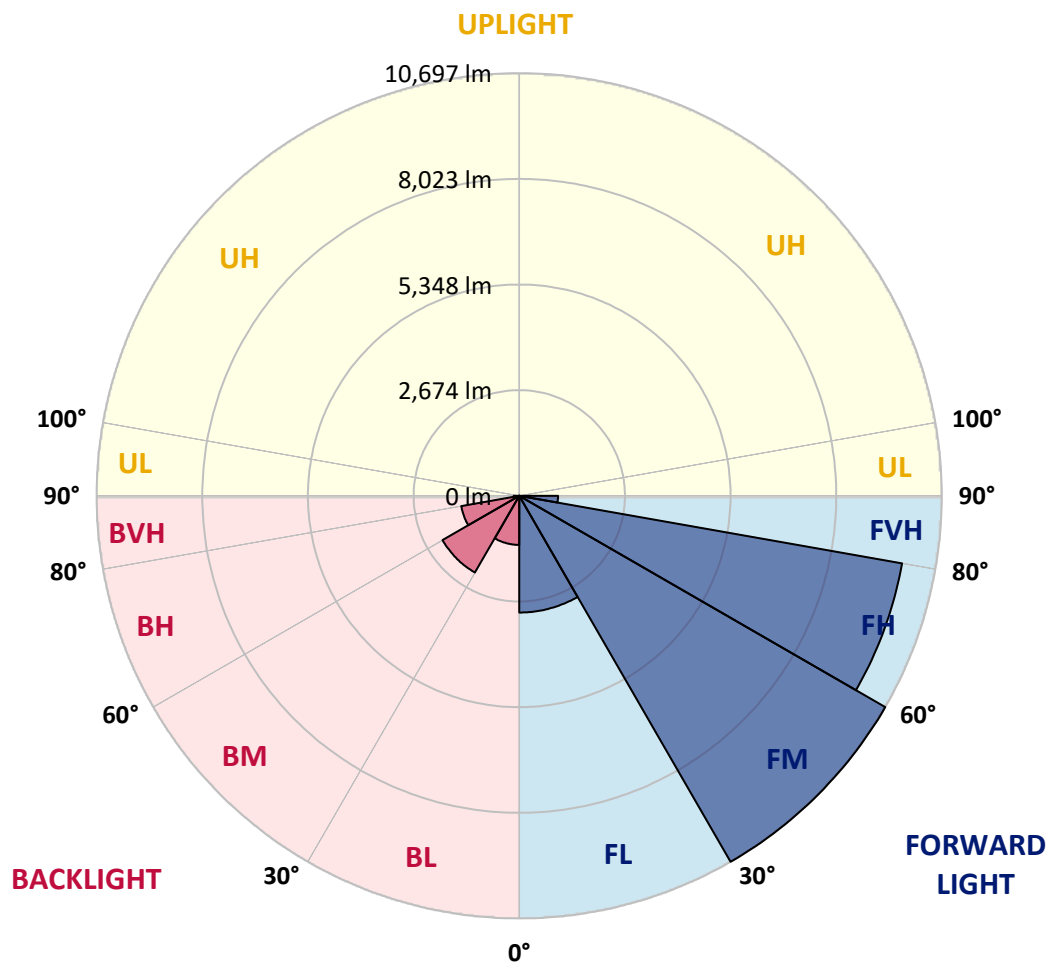
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2954.4	10.0			
FM	(30°-60°)	10696.8	36.2			
FH	(60°-80°)	9840.0	33.3			G4/12000
FVH	(80°-90°)	981.7	3.3			G5
BL	(0°-30°)	1241.9	4.2	B3/2500		
BM	(30°-60°)	2241.9	7.6	B2/2500		
BH	(60°-80°)	1490.6	5.0	B3/2500		G3/2500
BVH	(80°-90°)	140.7	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°	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2
2.5°	9656.5	9571.4	9442.4	9313.5	9217.7	9120.7	9010.6	8900.6	8775.2	8648.7	8574.1
5°	9496.8	9260.2	8952.7	8645.1	8441.6	8238.2	8007.5	7776.8	7548.5	7320.2	7197.2
7.5°	8777.6	8422.7	8022.9	7623.0	7327.3	7030.4	6711.0	6390.4	6106.5	5821.4	5645.1
10°	8070.2	7644.3	7185.3	6725.2	6346.6	5968.1	5647.5	5325.7	5111.6	4897.5	4735.4
12.5°	7562.7	7090.7	6585.6	6079.3	5700.7	5322.2	5118.7	4915.2	4737.8	4560.3	4373.4
15°	7361.6	6828.1	6311.1	5793.0	5448.7	5104.5	4878.5	4651.4	4413.6	4174.7	3945.2
17.5°	7539.0	6914.4	6352.5	5790.6	5339.9	4889.2	4573.3	4256.3	3942.8	3629.3	3363.2
20°	8092.7	7295.3	6560.7	5824.9	5225.2	4625.4	4201.9	3777.2	3375.0	2972.8	2671.1
22.5°	8869.9	7814.7	6855.3	5895.9	5121.1	4345.0	3813.9	3281.5	2806.0	2330.4	2034.7
25°	9813.9	8503.1	7280.0	6055.6	5078.5	4100.2	3447.2	2794.2	2292.6	1789.8	1579.3
27.5°	10808.7	9324.1	7807.6	6289.8	5085.6	3881.3	3138.4	2394.3	1942.4	1490.5	1346.2
30°	11638.0	10262.2	8422.7	6582.0	5112.8	3643.5	2847.4	2051.3	1678.6	1306.0	1212.5
32.5°	12396.3	10916.4	8886.4	6855.3	5143.5	3430.6	2622.6	1813.5	1509.5	1204.3	1127.4
35°	13179.4	11497.2	9210.6	6922.7	5090.3	3256.7	2468.8	1681.0	1400.6	1119.1	1054.0
37.5°	14041.8	12125.4	9522.9	6919.2	5000.4	3081.6	2349.4	1615.9	1329.7	1042.2	994.9
40°	15003.5	12819.8	9861.2	6902.6	4918.8	2933.8	2260.6	1586.4	1290.6	993.7	953.5
42.5°	15944.0	13482.2	10175.9	6869.5	4852.5	2834.4	2173.1	1511.8	1255.1	997.2	940.5
45°	16650.2	14060.7	10449.1	6836.4	4802.8	2769.3	2104.5	1439.7	1222.0	1004.3	932.2
47.5°	17186.1	14641.6	10752.0	6861.2	4798.1	2735.0	2056.0	1377.0	1159.3	940.5	910.9
50°	17867.5	15339.5	11193.2	7046.9	4863.2	2679.4	1999.2	1317.8	1099.0	880.1	920.3
52.5°	18715.7	16335.6	11877.0	7417.2	4999.2	2581.2	1909.3	1237.4	1025.6	812.7	875.4
55°	19961.3	17612.0	12751.2	7889.2	5163.6	2436.9	1773.3	1108.4	928.6	747.6	803.2
57.5°	21079.2	18901.4	13589.9	8277.2	5266.6	2254.7	1601.7	948.7	819.8	690.9	722.8
60°	21577.3	19566.2	13982.6	8397.9	5205.0	2012.2	1408.9	804.4	724.0	643.5	637.6
62.5°	21383.3	19143.9	13595.8	8047.7	4904.6	1761.4	1238.6	715.7	655.4	593.8	580.8
65°	20815.4	17816.6	12512.2	7207.8	4397.1	1586.4	1130.9	675.5	608.0	540.6	526.4
67.5°	19696.4	15927.4	10976.7	6026.0	3752.4	1478.7	1069.4	660.1	578.5	495.7	479.1
70°	17687.7	13653.8	9208.2	4761.4	3087.5	1412.5	1029.2	645.9	546.5	446.0	430.6
72.5°	14528.0	10947.2	7353.3	3758.3	2581.2	1404.2	1024.4	644.7	520.5	396.3	382.1
75°	10401.8	8315.1	5613.2	2910.1	2114.0	1317.8	972.4	627.0	485.0	341.9	328.9
77.5°	6999.6	5755.1	3901.4	2046.5	1568.6	1090.7	817.4	544.2	415.2	286.3	273.3
80°	4495.3	3983.0	2614.4	1245.7	1017.3	789.0	584.4	379.7	302.8	224.8	214.1
82.5°	3298.1	2964.5	1817.0	669.6	565.5	460.2	357.3	254.3	207.0	159.7	155.0
85°	2096.2	2311.5	1337.9	364.4	298.1	231.9	191.6	151.4	119.5	87.5	87.5
87.5°	406.9	563.1	370.3	176.3	128.9	81.6	69.8	56.8	31.9	5.9	7.1
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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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°	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2
2.5°	8498.4	8416.8	8335.2	8242.9	8149.4	8063.1	7975.5	7879.7	7897.5	7824.1	7750.8
5°	7074.1	6944.0	6812.7	6699.1	6585.6	6487.4	6388.0	6299.3	6376.2	6324.1	6272.1
7.5°	5467.7	5306.8	5144.7	5008.7	4872.6	4767.3	4660.9	4587.5	4663.2	4653.8	4644.3
10°	4573.3	4417.2	4259.9	4109.6	3959.4	3831.6	3702.7	3593.8	3574.9	3520.5	3464.9
12.5°	4185.3	3971.2	3755.9	3598.6	3441.2	3288.6	3136.0	3008.3	2950.3	2860.4	2769.3
15°	3715.7	3462.5	3209.4	3030.8	2850.9	2703.1	2554.0	2444.0	2407.3	2337.5	2267.7
17.5°	3097.0	2820.2	2543.4	2362.4	2180.2	2061.9	1942.4	1869.1	1869.1	1849.0	1828.9
20°	2369.5	2122.2	1875.0	1736.6	1598.2	1535.5	1471.6	1440.9	1450.3	1451.5	1451.5
22.5°	1737.8	1586.4	1434.9	1379.3	1322.6	1300.1	1277.6	1264.6	1269.3	1270.5	1271.7
25°	1368.7	1310.7	1251.6	1223.2	1193.6	1179.4	1165.2	1160.5	1171.1	1172.3	1172.3
27.5°	1201.9	1166.4	1129.7	1112.0	1093.1	1087.1	1081.2	1072.9	1083.6	1083.6	1082.4
30°	1117.9	1080.0	1042.2	1019.7	997.2	999.6	1000.8	998.4	1005.5	1010.3	1013.8
32.5°	1049.3	1012.6	975.9	953.5	929.8	926.3	922.7	920.3	935.7	944.0	952.3
35°	987.8	947.6	907.3	886.0	864.7	856.5	848.2	842.3	856.5	867.1	877.8
37.5°	946.4	905.0	862.4	842.3	821.0	810.3	799.7	792.6	798.5	803.2	808.0
40°	913.2	870.7	826.9	803.2	779.6	768.9	758.3	752.4	755.9	757.1	758.3
42.5°	882.5	841.1	799.7	773.7	746.5	733.4	720.4	713.3	715.7	718.1	719.2
45°	860.0	818.6	776.0	745.3	713.3	699.1	684.9	676.7	677.8	677.8	677.8
47.5°	881.3	821.0	759.5	724.0	687.3	670.7	654.2	645.9	643.5	641.2	638.8
50°	959.4	856.5	752.4	707.4	661.3	643.5	624.6	615.1	609.2	606.9	604.5
52.5°	936.9	848.2	758.3	700.3	641.2	619.9	598.6	583.2	577.3	573.7	570.2
55°	857.6	802.0	745.3	675.5	605.7	586.8	566.6	556.0	545.3	543.0	540.6
57.5°	753.5	731.1	708.6	637.6	566.6	548.9	530.0	522.9	513.4	513.4	512.2
60°	630.5	663.6	696.8	615.1	532.3	512.2	492.1	486.2	482.6	481.5	480.3
62.5°	566.6	621.1	674.3	587.9	500.4	479.1	457.8	450.7	449.5	450.7	450.7
65°	512.2	528.8	545.3	505.1	464.9	443.6	421.1	414.0	416.4	420.0	423.5
67.5°	462.5	459.0	455.4	441.2	425.9	408.1	389.2	382.1	383.3	388.0	392.7
70°	415.2	410.5	404.6	393.9	383.3	367.9	352.5	347.8	346.6	352.5	357.3
72.5°	367.9	362.0	354.9	346.6	337.1	324.1	311.1	307.6	308.8	312.3	315.9
75°	315.9	311.1	305.2	298.1	289.8	278.0	266.2	263.8	266.2	269.7	273.3
77.5°	259.1	257.9	255.5	249.6	243.7	230.7	216.5	215.3	218.8	222.4	224.8
80°	202.3	203.5	204.7	199.9	195.2	181.0	165.6	164.4	168.0	171.5	175.1
82.5°	149.1	152.6	155.0	149.1	143.1	126.6	110.0	107.6	119.5	123.0	126.6
85°	86.4	91.1	95.8	91.1	86.4	69.8	53.2	52.1	62.7	68.6	74.5
87.5°	7.1	9.5	11.8	10.6	9.5	4.7	0.0	0.0	1.2	5.9	10.6
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: P320762

CATALOG NUMBER: GAN-SA8B-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: P320762

CATALOG NUMBER: GAN-SA8B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2
2.5°	7704.6	7658.5	7644.3	7630.1	7578.1	7524.8	7579.3	7632.5	7655.0	7677.4	7619.5
5°	6265.0	6256.7	6256.7	6255.5	6208.2	6159.7	6196.4	6231.9	6152.6	6073.3	6065.1
7.5°	4695.2	4746.1	4787.5	4827.7	4812.3	4796.9	4831.2	4865.5	4765.0	4663.2	4613.6
10°	3476.7	3487.4	3532.3	3577.3	3587.9	3597.4	3640.0	3681.4	3603.3	3525.2	3490.9
12.5°	2712.5	2655.8	2661.7	2666.4	2687.7	2707.8	2752.8	2796.5	2764.6	2731.5	2735.0
15°	2196.8	2124.6	2095.0	2064.3	2087.9	2111.6	2143.5	2174.3	2175.5	2175.5	2206.2
17.5°	1793.4	1756.7	1727.1	1696.4	1728.3	1759.1	1762.6	1766.2	1767.3	1768.5	1766.2
20°	1469.2	1487.0	1477.5	1468.1	1479.9	1490.5	1500.0	1508.3	1497.6	1485.8	1456.2
22.5°	1288.2	1303.6	1315.5	1326.1	1346.2	1365.1	1355.7	1345.0	1323.7	1301.3	1278.8
25°	1183.0	1193.6	1205.4	1217.3	1233.8	1249.2	1232.6	1216.1	1200.7	1185.3	1170.0
27.5°	1094.2	1104.9	1115.5	1125.0	1140.4	1154.6	1139.2	1123.8	1110.8	1097.8	1086.0
30°	1022.1	1029.2	1037.5	1045.7	1059.9	1072.9	1059.9	1045.7	1036.3	1025.6	1017.3
32.5°	960.6	967.7	971.2	974.8	987.8	1000.8	991.3	981.9	973.6	965.3	959.4
35°	893.1	907.3	909.7	912.1	925.1	938.1	932.2	925.1	915.6	906.2	895.5
37.5°	824.5	841.1	850.6	858.8	871.8	884.9	878.9	873.0	860.0	847.0	828.1
40°	766.6	773.7	791.4	808.0	829.3	849.4	837.5	824.5	804.4	784.3	774.8
42.5°	718.1	716.9	733.4	750.0	781.9	812.7	791.4	770.1	751.2	732.3	729.9
45°	675.5	671.9	680.2	688.5	722.8	755.9	734.6	712.1	701.5	690.9	690.9
47.5°	637.6	635.3	641.2	645.9	667.2	687.3	676.7	666.0	660.1	654.2	655.4
50°	603.3	600.9	606.9	611.6	619.9	627.0	629.3	630.5	627.0	623.4	625.8
52.5°	571.4	571.4	573.7	574.9	585.6	596.2	596.2	595.0	595.0	595.0	597.4
55°	544.2	546.5	546.5	546.5	563.1	578.5	573.7	569.0	570.2	570.2	572.6
57.5°	517.0	520.5	522.9	525.2	541.8	558.4	553.6	548.9	548.9	548.9	550.1
60°	486.2	490.9	495.7	500.4	517.0	533.5	528.8	522.9	524.1	525.2	526.4
62.5°	456.6	461.4	466.1	470.8	487.4	503.9	499.2	493.3	496.8	499.2	499.2
65°	428.2	431.8	436.5	441.2	456.6	472.0	467.3	462.5	467.3	470.8	473.2
67.5°	396.3	398.7	403.4	408.1	423.5	438.9	434.1	428.2	434.1	438.9	443.6
70°	359.6	362.0	367.9	372.6	388.0	403.4	397.5	391.6	397.5	403.4	408.1
72.5°	319.4	321.8	327.7	332.4	350.2	367.9	360.8	353.7	360.8	367.9	370.3
75°	275.6	278.0	285.1	291.0	308.8	326.5	320.6	313.5	319.4	325.3	326.5
77.5°	228.3	231.9	241.3	250.8	265.0	279.2	275.6	272.1	275.6	279.2	279.2
80°	178.6	182.2	194.0	204.7	212.9	221.2	222.4	223.6	224.8	225.9	224.8
82.5°	132.5	137.2	147.9	158.5	158.5	158.5	168.0	176.3	176.3	175.1	173.9
85°	81.6	87.5	97.0	106.5	100.6	94.6	110.0	124.2	124.2	123.0	120.7
87.5°	16.6	22.5	31.9	40.2	34.3	28.4	43.8	59.1	60.3	60.3	58.0
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: P320762
 CATALOG NUMBER: GAN-SA8B-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: P320762

CATALOG NUMBER: GAN-SA8B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2
2.5°	7560.3	7652.6	7743.7	7767.3	7802.8	7818.2	7832.4	7948.3	8063.1	8197.9	8332.8
5°	6055.6	6124.2	6192.8	6203.5	6240.1	6259.1	6278.0	6418.8	6558.4	6746.4	6934.5
7.5°	4563.9	4580.4	4597.0	4594.6	4625.4	4666.8	4707.0	4857.3	5006.3	5208.6	5409.7
10°	3456.6	3494.5	3531.1	3565.5	3632.9	3711.0	3787.9	3941.6	4095.4	4295.3	4494.1
12.5°	2738.6	2782.3	2824.9	2862.8	2940.8	3045.0	3147.9	3332.4	3517.0	3755.9	3993.7
15°	2235.8	2232.3	2228.7	2254.7	2323.3	2436.9	2549.3	2744.5	2939.7	3202.3	3463.7
17.5°	1763.8	1746.1	1728.3	1748.4	1812.3	1905.8	1998.0	2163.6	2328.1	2582.4	2836.7
20°	1426.7	1414.8	1403.0	1421.9	1462.1	1501.2	1540.2	1659.7	1778.0	1985.0	2190.9
22.5°	1255.1	1253.9	1251.6	1262.2	1281.2	1301.3	1320.2	1378.2	1434.9	1568.6	1701.1
25°	1154.6	1153.4	1152.2	1156.9	1172.3	1187.7	1203.1	1240.9	1278.8	1342.7	1406.5
27.5°	1074.1	1071.8	1069.4	1070.6	1074.1	1097.8	1120.3	1138.0	1154.6	1198.3	1240.9
30°	1009.1	1007.9	1006.7	1006.7	1003.2	1011.4	1019.7	1046.9	1072.9	1117.9	1162.9
32.5°	953.5	947.6	941.6	928.6	920.3	932.2	944.0	972.4	1000.8	1042.2	1083.6
35°	883.7	868.3	851.7	844.6	845.8	857.6	869.5	897.9	925.1	970.0	1013.8
37.5°	808.0	803.2	797.3	796.1	799.7	811.5	823.3	848.2	871.8	916.8	960.6
40°	765.4	763.0	760.6	758.3	760.6	772.5	784.3	808.0	830.4	874.2	916.8
42.5°	727.5	726.3	725.2	725.2	726.3	739.4	752.4	776.0	798.5	837.5	876.6
45°	690.9	692.0	692.0	694.4	697.9	711.0	722.8	748.8	774.8	812.7	850.6
47.5°	656.5	660.1	662.5	668.4	671.9	686.1	699.1	727.5	755.9	803.2	849.4
50°	627.0	630.5	632.9	637.6	647.1	663.6	680.2	714.5	747.6	826.9	905.0
52.5°	599.8	603.3	606.9	611.6	623.4	642.3	661.3	703.9	745.3	837.5	929.8
55°	574.9	578.5	580.8	587.9	599.8	616.3	631.7	683.8	735.8	803.2	870.7
57.5°	551.3	554.8	557.2	561.9	567.8	585.6	602.1	657.7	713.3	760.6	806.8
60°	526.4	528.8	530.0	530.0	534.7	554.8	574.9	645.9	715.7	707.4	697.9
62.5°	499.2	501.6	502.8	499.2	505.1	526.4	547.7	640.0	732.3	675.5	618.7
65°	474.4	473.2	472.0	468.5	475.6	496.8	517.0	563.1	609.2	586.8	564.3
67.5°	447.2	443.6	440.1	435.3	442.4	461.4	479.1	494.5	509.9	512.2	514.6
70°	412.9	408.1	403.4	402.2	405.8	421.1	436.5	447.2	456.6	461.4	464.9
72.5°	372.6	369.1	365.5	363.2	364.4	377.4	389.2	398.7	408.1	411.7	414.0
75°	327.7	327.7	326.5	319.4	319.4	330.0	339.5	347.8	356.1	360.8	365.5
77.5°	279.2	280.4	280.4	270.9	269.7	280.4	289.8	296.9	302.8	307.6	311.1
80°	223.6	221.2	218.8	212.9	210.6	223.6	235.4	241.3	246.1	247.2	247.2
82.5°	171.5	166.8	160.9	147.9	149.1	163.2	176.3	181.0	185.7	185.7	185.7
85°	117.1	107.6	97.0	86.4	87.5	102.9	117.1	121.8	126.6	128.9	130.1
87.5°	55.6	46.1	35.5	27.2	27.2	40.2	52.1	54.4	56.8	61.5	66.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320762
 CATALOG NUMBER: GAN-SA8B-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-SA8B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2
2.5°	8435.7	8537.5	8642.7	8748.0	8868.7	8989.3	9130.1	9269.7	9389.2	9508.7	9608.0
5°	7096.6	7258.7	7449.1	7639.6	7882.1	8124.6	8421.5	8717.3	8981.1	9244.9	9551.3
7.5°	5621.4	5832.0	6080.4	6328.9	6642.3	6955.8	7340.3	7724.8	8097.4	8468.8	8939.7
10°	4715.3	4936.5	5181.4	5425.1	5744.5	6062.7	6469.6	6875.4	7294.2	7711.7	8244.1
12.5°	4239.7	4484.6	4699.9	4915.2	5174.3	5432.2	5826.1	6220.0	6712.1	7203.1	7715.3
15°	3732.3	3999.6	4257.5	4515.4	4798.1	5079.6	5462.9	5846.2	6384.5	6922.7	7511.8
17.5°	3118.3	3399.8	3714.5	4028.0	4397.1	4765.0	5255.9	5746.8	6384.5	7020.9	7715.3
20°	2478.3	2765.8	3142.0	3518.1	3977.1	4434.9	5071.4	5707.8	6566.6	7424.3	8310.3
22.5°	1955.4	2208.6	2619.1	3028.4	3558.4	4088.3	4904.6	5719.6	6842.3	7963.7	9159.7
25°	1585.2	1763.8	2167.2	2569.4	3181.0	3792.6	4802.8	5811.9	7243.3	8673.5	10156.9
27.5°	1358.0	1475.2	1851.3	2226.3	2894.7	3561.9	4761.4	5959.8	7752.0	9544.2	11241.7
30°	1244.5	1326.1	1644.3	1961.4	2640.4	3319.4	4711.7	6104.1	8241.7	10378.1	12089.9
32.5°	1149.8	1214.9	1487.0	1757.9	2420.3	3082.8	4615.9	6147.9	8583.6	11019.3	12808.0
35°	1069.4	1123.8	1360.4	1597.0	2247.6	2898.3	4455.0	6011.8	8797.7	11583.6	13555.6
37.5°	1004.3	1046.9	1265.8	1484.6	2098.6	2712.5	4271.7	5830.8	8988.2	12145.5	14396.7
40°	953.5	990.1	1194.8	1399.4	1956.6	2513.8	4114.4	5713.7	9250.8	12787.8	15285.1
42.5°	925.1	972.4	1133.3	1293.0	1821.8	2350.6	3987.8	5625.0	9494.5	13362.8	16062.3
45°	918.0	985.4	1101.3	1217.3	1721.2	2225.2	3875.4	5524.4	9651.8	13779.2	16647.9
47.5°	906.2	961.8	1076.5	1191.2	1671.5	2150.6	3815.1	5478.3	9809.1	14138.8	17134.1
50°	913.2	920.3	1056.4	1191.2	1664.4	2137.6	3883.7	5629.7	10149.8	14668.8	17690.1
52.5°	900.2	869.5	1018.5	1167.6	1663.2	2158.9	4081.2	6003.5	10782.7	15560.7	18292.2
55°	831.6	791.4	947.6	1103.7	1638.4	2171.9	4316.6	6460.2	11632.1	16802.8	19374.6
57.5°	771.3	734.6	867.1	998.4	1562.7	2127.0	4559.1	6990.1	12530.0	18068.6	20594.2
60°	690.9	682.6	777.2	871.8	1445.6	2018.1	4759.1	7498.8	13133.3	18766.5	21063.9
62.5°	624.6	629.3	699.1	768.9	1298.9	1827.7	4825.3	7821.8	13116.7	18411.7	20590.7
65°	573.7	582.0	650.6	719.2	1173.5	1627.8	4607.6	7586.4	12453.1	17318.6	19655.0
67.5°	524.1	533.5	615.1	695.6	1062.3	1427.8	4063.5	6697.9	11259.5	15819.8	18464.9
70°	476.7	488.6	577.3	666.0	981.9	1296.5	3362.0	5427.4	9765.4	14102.1	17086.7
72.5°	425.9	437.7	532.3	627.0	931.0	1233.8	2740.9	4246.8	7924.7	11601.3	14615.5
75°	373.8	382.1	485.0	586.8	861.2	1135.6	2150.6	3164.4	6065.1	8965.7	11039.4
77.5°	321.8	332.4	418.8	503.9	731.1	957.0	1620.7	2284.3	4450.3	6615.1	7677.4
80°	256.7	266.2	327.7	388.0	564.3	739.4	1114.4	1489.4	3062.7	4636.0	5234.6
82.5°	196.4	207.0	248.4	288.6	402.2	515.8	675.5	835.2	2034.7	3233.0	3282.7
85°	134.9	138.4	168.0	196.4	248.4	300.5	386.8	473.2	1346.2	2219.2	1849.0
87.5°	67.4	67.4	87.5	107.6	133.7	159.7	204.7	248.4	430.6	612.8	352.5
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):

	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-SA8B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2
2.5°	9734.6	9821.0	9908.5	9974.8	10042.2	10139.2	10236.2	10253.9	10272.9	10235.0	10197.2
5°	9860.0	10121.4	10384.1	10626.6	10869.1	11014.6	11160.1	11189.7	11219.2	11128.1	11035.9
7.5°	9395.1	9850.5	10306.0	10723.6	11141.2	11394.3	11648.7	11705.4	11763.4	11614.3	11465.3
10°	8774.0	9333.6	9893.1	10443.2	10993.3	11361.2	11729.1	11802.4	11875.8	11690.1	11504.3
12.5°	8293.8	8891.2	9488.6	10068.2	10649.0	11030.0	11410.9	11502.0	11593.1	11458.2	11322.2
15°	8145.9	8707.8	9269.7	9774.8	10281.1	10592.3	10904.6	10941.2	10979.1	10957.8	10936.5
17.5°	8414.4	8921.9	9430.6	9705.0	9980.7	10104.9	10230.3	10270.5	10311.9	10365.1	10419.6
20°	9065.1	9422.3	9780.8	9768.9	9755.9	9695.6	9634.1	9623.4	9612.8	9765.4	9919.2
22.5°	10036.3	10178.2	10321.4	9989.0	9656.5	9454.3	9250.8	9210.6	9169.2	9331.2	9494.5
25°	11090.3	11064.3	11037.1	10404.2	9770.1	9384.5	8998.8	8953.9	8908.9	9047.3	9186.9
27.5°	12133.7	11963.3	11793.0	10933.0	10072.9	9513.4	8953.9	8908.9	8864.0	8987.0	9110.0
30°	12899.0	12625.8	12352.5	11378.9	10405.4	9740.5	9075.7	9002.4	8927.8	9079.3	9230.7
32.5°	13496.4	13129.7	12763.0	11740.9	10718.8	9999.6	9280.4	9165.6	9050.9	9253.1	9455.4
35°	14092.7	13576.9	13059.9	12063.9	11066.6	10306.0	9544.2	9403.4	9262.6	9540.6	9818.6
37.5°	14842.7	14102.1	13360.4	12427.0	11493.7	10765.0	10035.1	9890.8	9746.4	10100.2	10455.0
40°	15656.5	14668.8	13681.0	12824.5	11968.1	11400.2	10831.2	10694.0	10555.6	10986.2	11416.8
42.5°	16333.2	15196.4	14059.5	13303.6	12546.5	12146.7	11745.7	11744.5	11742.1	12178.6	12615.1
45°	16883.3	15636.4	14388.4	13770.9	13152.2	12944.0	12735.8	12902.6	13069.4	13463.3	13858.4
47.5°	17293.8	16005.5	14716.1	14305.6	13895.1	13925.9	13956.6	14296.1	14635.6	14888.8	15143.1
50°	17561.1	16340.3	15118.3	14991.7	14865.1	15140.8	15417.6	15806.8	16197.1	16369.9	16542.6
52.5°	17950.3	16794.5	15637.6	15779.6	15921.5	16484.6	17047.7	17441.6	17835.6	17899.4	17964.5
55°	18850.5	17629.7	16407.7	16679.8	16953.1	17778.8	18605.7	18913.2	19220.8	19244.5	19268.1
57.5°	20129.3	18799.7	17470.0	17763.4	18056.8	19010.2	19964.9	20296.1	20628.5	20582.4	20535.1
60°	21086.3	19910.5	18733.4	19029.2	19324.9	20254.7	21184.5	21565.4	21947.5	21845.8	21744.1
62.5°	21145.5	20517.3	19888.0	20155.3	20423.9	21334.8	22245.6	22637.2	23028.8	22851.3	22673.9
65°	20205.0	20486.6	20768.1	20856.8	20945.6	21794.9	22645.5	22944.8	23245.3	23155.3	23065.4
67.5°	18909.7	19947.1	20985.8	20807.2	20628.5	21027.2	21425.9	21734.6	22043.4	21992.5	21940.4
70°	17616.7	19002.0	20387.2	19509.4	18630.5	18466.1	18301.6	18634.1	18967.7	18761.8	18554.8
72.5°	15415.2	16891.5	18369.1	16752.0	15134.8	14572.9	14011.0	14433.3	14855.7	14528.0	14199.1
75°	12100.5	13731.9	15364.3	13434.9	11505.5	10755.5	10005.5	10368.7	10731.9	10507.1	10281.1
77.5°	9008.3	10615.9	12223.6	10262.2	8299.7	7742.5	7184.1	7291.8	7400.6	7362.8	7323.7
80°	6110.0	7230.3	8351.7	7045.7	5739.7	5782.3	5826.1	5775.2	5723.2	5798.9	5874.6
82.5°	3899.1	4763.8	5629.7	4936.5	4243.3	4640.8	5038.2	4843.1	4646.7	4718.8	4792.2
85°	2225.2	3071.0	3918.0	3651.8	3384.5	3616.3	3849.4	3546.5	3243.7	3376.2	3509.9
87.5°	586.8	1698.7	2811.9	2552.8	2293.8	1993.3	1692.8	1291.8	890.8	1301.3	1711.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GAN-SA8B-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: P320762

CATALOG NUMBER: GAN-SA8B-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2	9014.2
2.5°	10177.0	10156.9	10084.8	10011.4	9902.6	9812.7	9656.5
5°	10908.1	10780.4	10560.3	10339.1	10093.1	9810.3	9496.8
7.5°	11167.2	10867.9	10445.6	10022.1	9641.2	9194.0	8777.6
10°	11057.2	10608.8	10059.9	9509.9	9047.3	8532.7	8070.2
12.5°	10846.6	10369.9	9765.4	9159.7	8633.3	8080.8	7562.7
15°	10556.8	10175.9	9609.2	9042.6	8512.6	7975.5	7361.6
17.5°	10239.7	10058.7	9649.4	9239.0	8780.0	8259.5	7539.0
20°	9984.2	10050.5	9887.2	9724.0	9356.1	8901.8	8092.7
22.5°	9811.5	10129.7	10255.1	10381.7	10160.5	9805.6	8869.9
25°	9714.5	10242.1	10662.1	11083.2	10985.0	10711.7	9813.9
27.5°	9757.1	10404.2	11056.0	11709.0	11800.1	11724.4	10808.7
30°	9884.9	10540.2	11334.0	12128.9	12492.1	12593.8	11638.0
32.5°	10097.8	10740.1	11604.9	12470.8	13019.7	13343.8	12396.3
35°	10419.6	11020.5	11921.9	12823.3	13533.1	14124.6	13179.4
37.5°	10972.0	11489.0	12320.6	13153.4	14073.7	14962.1	14041.8
40°	11781.1	12146.7	12849.4	13553.2	14711.3	15910.9	15003.5
42.5°	12802.0	12990.1	13547.3	14104.5	15377.4	16772.1	15944.0
45°	13908.1	13957.8	14308.0	14659.3	15905.0	17358.8	16650.2
47.5°	14972.8	14802.4	14942.0	15081.6	16309.5	17777.6	17186.1
50°	16068.2	15593.8	15520.5	15447.1	16714.1	18270.9	17867.5
52.5°	17182.6	16400.6	16110.8	15819.8	17196.8	18925.1	18715.7
55°	18273.3	17278.4	16888.0	16497.6	17934.9	19723.6	19961.3
57.5°	19407.7	18280.3	17918.4	17556.4	19019.7	20735.0	21079.2
60°	20628.5	19511.8	19222.0	18931.0	20368.3	21828.1	21577.3
62.5°	21786.7	20899.4	20746.8	20593.0	21732.2	22668.0	21383.3
65°	22560.3	22054.0	22196.0	22339.1	22763.8	22877.3	20815.4
67.5°	22043.4	22146.3	22746.0	23347.0	23054.8	22255.1	19696.4
70°	19171.1	19788.6	21209.4	22631.3	21983.0	20588.3	17687.7
72.5°	14892.3	15586.7	17696.0	19806.4	19209.0	17500.8	14528.0
75°	11064.3	11848.6	14176.6	16504.7	15675.5	13090.7	10401.8
77.5°	7849.0	8374.2	10672.7	12972.4	11620.3	8713.7	6999.6
80°	5713.7	5552.8	6834.0	8115.1	7890.4	5763.4	4495.3
82.5°	4399.4	4006.7	4610.0	5213.3	5180.2	3999.6	3298.1
85°	3352.5	3195.2	3728.7	4262.2	3805.6	2709.0	2096.2
87.5°	1954.3	2197.9	2826.1	3455.4	2593.1	822.2	406.9
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: P320762

CATALOG NUMBER: GAN-SA8B-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)