

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: P320779

Luminaire Tested: **GAN-SA5D-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320779
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-SA5D-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 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: 25054 lumens
Efficiency: N/A
Efficacy: 78.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 320
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



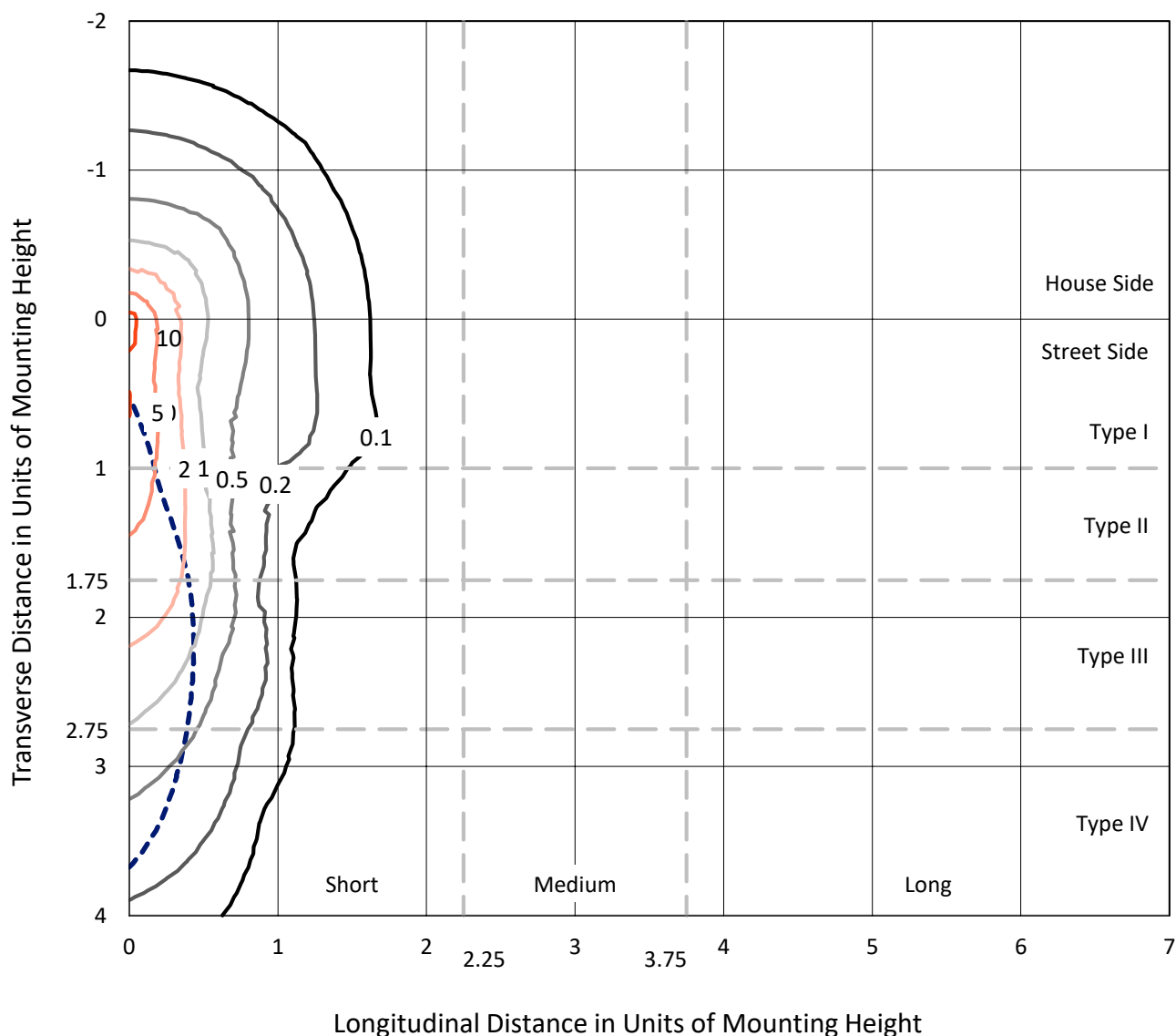
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

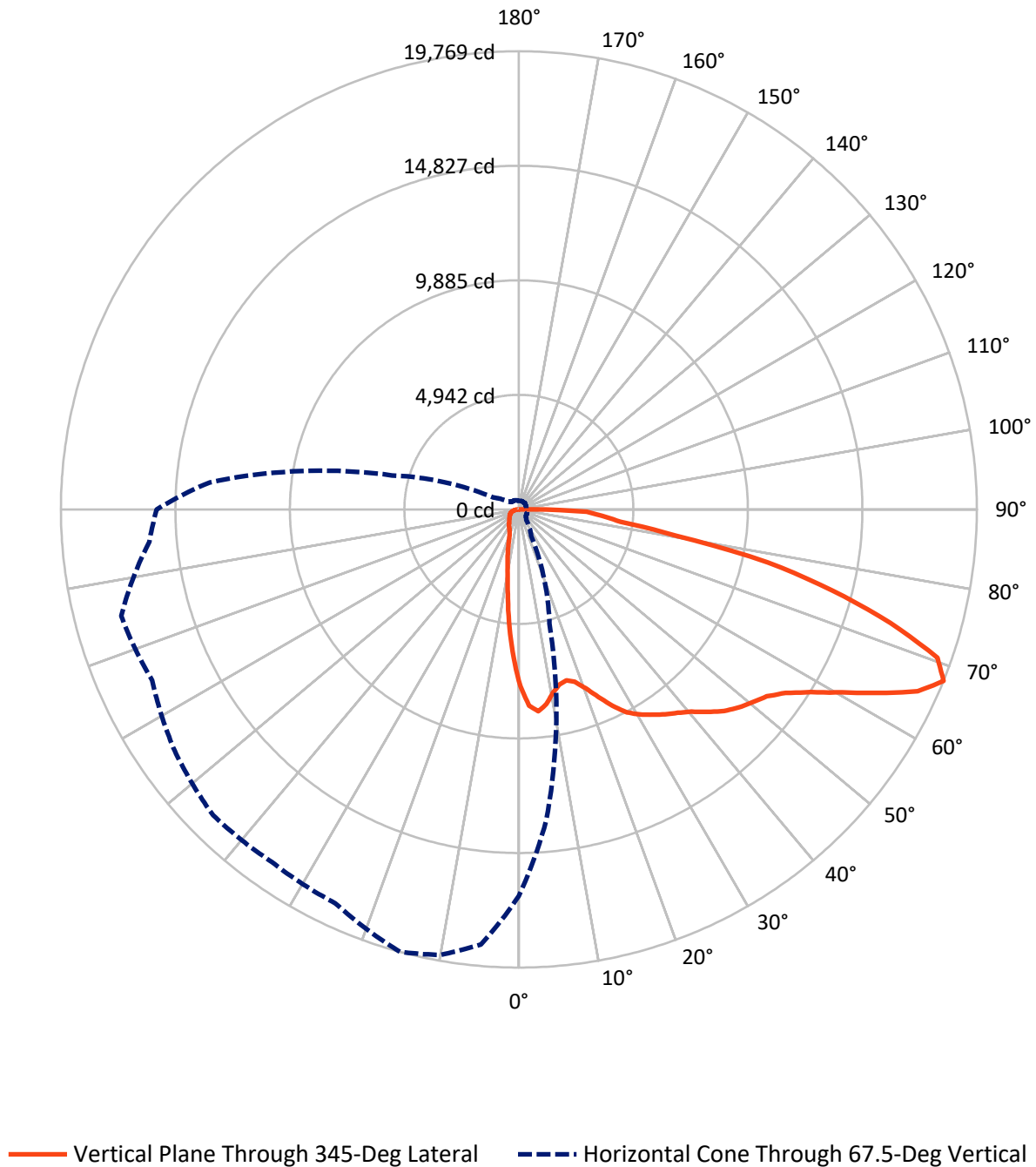


Based on 25 foot mounting height. Maximum calculated value = 12.2 fc

Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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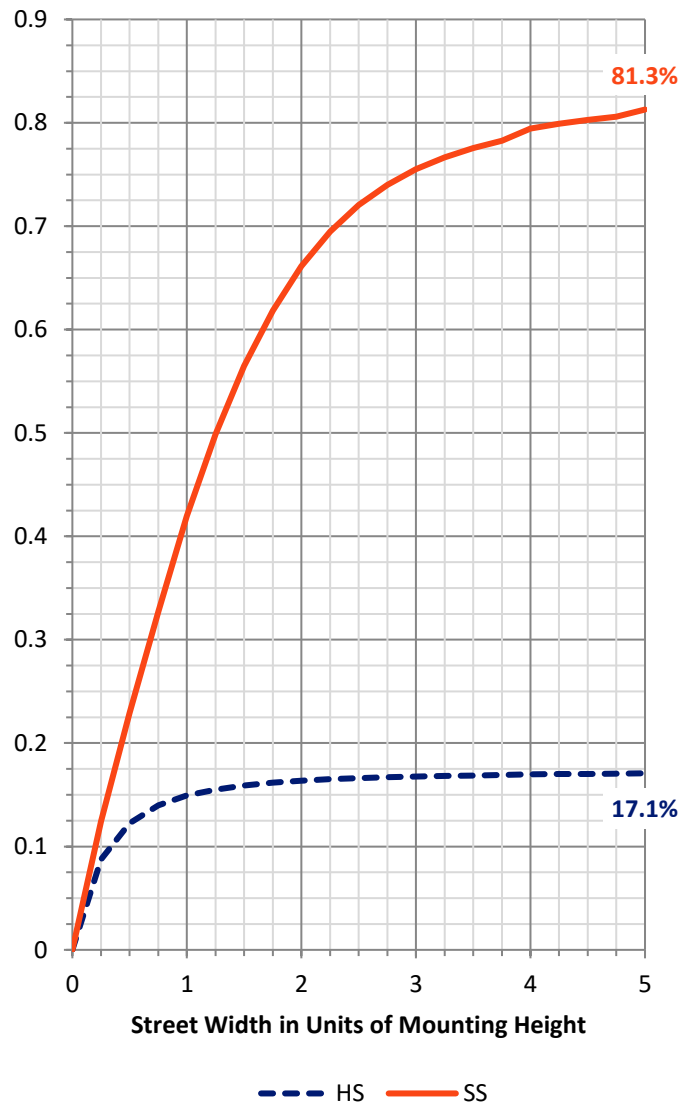
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4331.3	0.0	4331.3
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	20722.7	0.0	20722.7
	% Fixture	82.7	0.0	82.7
Total	Lumens	25054.0	0.0	25054.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	589.1	2.4
10°-20°	1223.8	4.9
20°-30°	1740.5	6.9
30°-40°	2508.0	10.0
40°-50°	3534.5	14.1
50°-60°	4913.5	19.6
60°-70°	5941.9	23.7
70°-80°	3652.4	14.6
80°-90°	950.4	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°	25054.0	100.0
0°-180°	25054.0	100.0

Coefficient of Utilization



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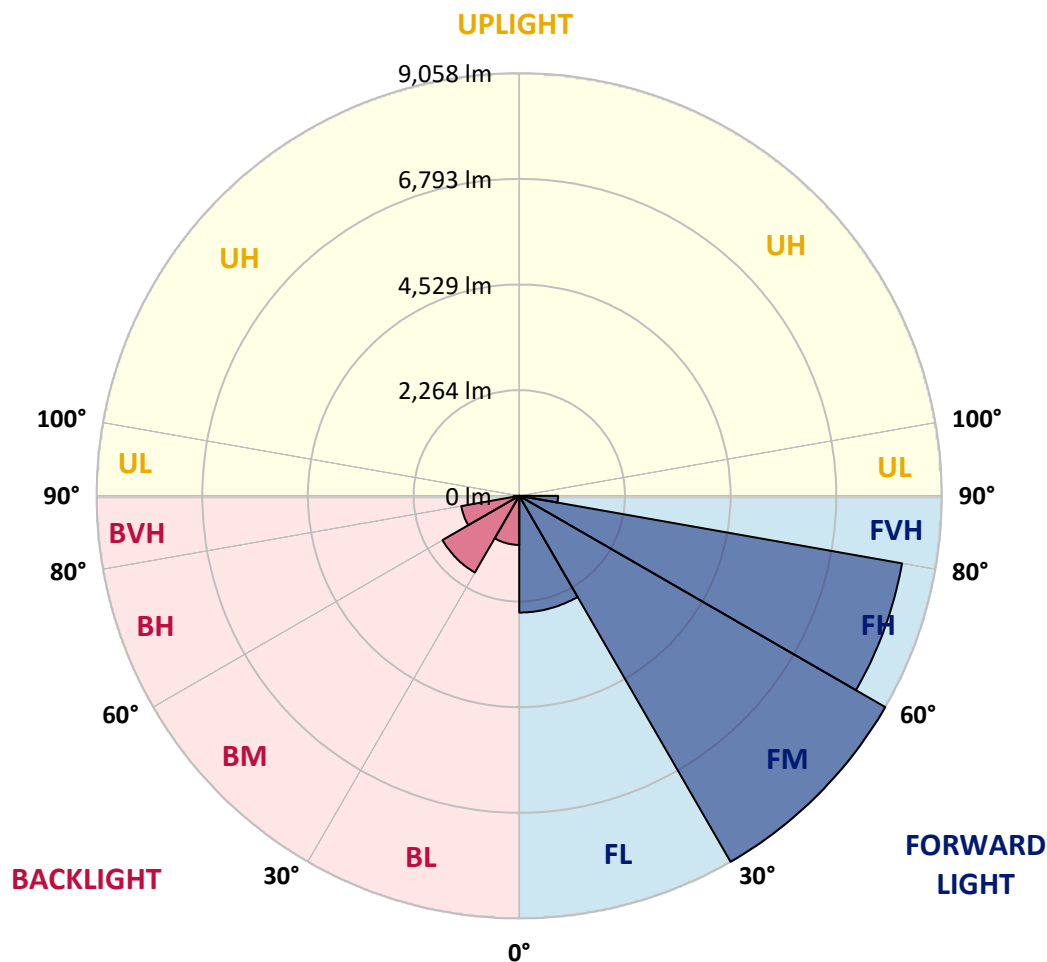
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2501.7	10.0			
FM	(30°-60°)	9057.7	36.2			
FH	(60°-80°)	8332.1	33.3			G4/12000
FVH	(80°-90°)	831.2	3.3			G5
BL	(0°-30°)	1051.6	4.2	B3/2500		
BM	(30°-60°)	1898.3	7.6	B2/2500		
BH	(60°-80°)	1262.2	5.0	B3/2500		G3/2500
BVH	(80°-90°)	119.1	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9
2.5°	8176.8	8104.7	7995.5	7886.3	7805.2	7723.0	7629.9	7536.7	7430.5	7323.4	7260.2
5°	8041.6	7841.2	7580.8	7320.3	7148.1	6975.8	6780.4	6585.1	6391.8	6198.5	6094.3
7.5°	7432.5	7132.0	6793.5	6454.9	6204.5	5953.0	5682.6	5411.1	5170.7	4929.3	4780.1
10°	6833.5	6472.9	6084.3	5694.6	5374.1	5053.5	4782.1	4509.6	4328.3	4147.0	4009.8
12.5°	6403.8	6004.1	5576.4	5147.7	4827.1	4506.6	4334.3	4162.0	4011.8	3861.5	3703.2
15°	6233.5	5781.8	5344.0	4905.3	4613.8	4322.3	4131.0	3938.6	3737.3	3535.0	3340.6
17.5°	6383.8	5854.9	5379.1	4903.3	4521.6	4140.0	3872.5	3604.1	3338.6	3073.2	2847.8
20°	6852.6	6177.4	5555.4	4932.3	4424.5	3916.6	3558.0	3198.4	2857.8	2517.2	2261.8
22.5°	7510.7	6617.2	5804.8	4992.4	4336.3	3679.2	3229.4	2778.7	2376.0	1973.3	1722.9
25°	8310.0	7200.1	6164.4	5127.6	4300.3	3471.9	2918.9	2366.0	1941.3	1515.6	1337.3
27.5°	9152.4	7895.3	6611.2	5326.0	4306.3	3286.5	2657.5	2027.4	1644.8	1262.1	1139.9
30°	9854.6	8689.7	7132.0	5573.4	4329.3	3085.2	2411.1	1736.9	1421.4	1105.9	1026.7
32.5°	10496.7	9243.6	7524.7	5804.8	4355.3	2904.9	2220.7	1535.6	1278.2	1019.7	954.6
35°	11159.8	9735.4	7799.2	5861.9	4310.3	2757.7	2090.5	1423.4	1186.0	947.6	892.5
37.5°	11890.1	10267.3	8063.6	5858.9	4234.1	2609.4	1989.4	1368.3	1125.9	882.5	842.4
40°	12704.4	10855.3	8350.1	5844.9	4165.0	2484.2	1914.2	1343.3	1092.8	841.4	807.4
42.5°	13500.8	11416.3	8616.5	5816.8	4108.9	2400.0	1840.1	1280.2	1062.8	844.4	796.3
45°	14098.8	11906.1	8847.9	5788.8	4066.9	2345.0	1782.0	1219.1	1034.7	850.4	789.3
47.5°	14552.5	12397.9	9104.4	5809.8	4062.9	2315.9	1740.9	1166.0	981.7	796.3	771.3
50°	15129.5	12988.9	9478.0	5967.1	4117.9	2268.8	1692.9	1115.9	930.6	745.3	779.3
52.5°	15847.7	13832.3	10057.0	6280.6	4233.1	2185.7	1616.7	1047.8	868.5	688.2	741.3
55°	16902.5	14913.2	10797.2	6680.3	4372.4	2063.5	1501.5	938.6	786.3	633.1	680.1
57.5°	17849.1	16005.0	11507.4	7008.8	4459.5	1909.2	1356.3	803.4	694.2	585.0	612.0
60°	18270.8	16567.9	11840.0	7111.0	4407.4	1703.9	1193.0	681.1	613.0	544.9	539.9
62.5°	18106.5	16210.3	11512.4	6814.5	4153.0	1491.5	1048.8	606.0	554.9	502.8	491.8
65°	17625.7	15086.4	10594.9	6103.3	3723.3	1343.3	957.6	572.0	514.9	457.8	445.8
67.5°	16678.1	13486.7	9294.7	5102.6	3177.4	1252.1	905.5	558.9	489.8	419.7	405.7
70°	14977.3	11561.5	7797.2	4031.8	2614.4	1196.0	871.5	546.9	462.8	377.6	364.6
72.5°	12301.7	9269.6	6226.5	3182.4	2185.7	1189.0	867.5	545.9	440.7	335.6	323.5
75°	8807.9	7040.9	4753.0	2464.2	1790.0	1115.9	823.4	530.9	410.7	289.5	278.5
77.5°	5927.0	4873.2	3303.6	1732.9	1328.2	923.6	692.2	460.8	351.6	242.4	231.4
80°	3806.4	3372.7	2213.7	1054.8	861.5	668.1	494.8	321.5	256.4	190.3	181.3
82.5°	2792.7	2510.2	1538.6	567.0	478.8	389.7	302.5	215.4	175.3	135.2	131.2
85°	1775.0	1957.3	1132.9	308.5	252.4	196.3	162.3	128.2	101.2	74.1	74.1
87.5°	344.6	476.8	313.5	149.3	109.2	69.1	59.1	48.1	27.0	5.0	6.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9
2.5°	7196.1	7127.0	7057.9	6979.8	6900.6	6827.5	6753.4	6672.3	6687.3	6625.2	6563.1
5°	5990.1	5879.9	5768.7	5672.6	5576.4	5493.3	5409.1	5334.0	5399.1	5355.0	5311.0
7.5°	4629.8	4493.6	4356.3	4241.2	4126.0	4036.8	3946.7	3884.6	3948.7	3940.6	3932.6
10°	3872.5	3740.3	3607.1	3479.9	3352.7	3244.5	3135.3	3043.1	3027.1	2981.0	2933.9
12.5°	3544.0	3362.7	3180.4	3047.1	2913.9	2784.7	2655.5	2547.3	2498.2	2422.1	2345.0
15°	3146.3	2931.9	2717.6	2566.3	2414.1	2288.9	2162.6	2069.5	2038.4	1979.3	1920.2
17.5°	2622.4	2388.0	2153.6	2000.4	1846.1	1745.9	1644.8	1582.7	1582.7	1565.6	1548.6
20°	2006.4	1797.0	1587.7	1470.5	1353.3	1300.2	1246.1	1220.1	1228.1	1229.1	1229.1
22.5°	1471.5	1343.3	1215.0	1168.0	1119.9	1100.9	1081.8	1070.8	1074.8	1075.8	1076.8
25°	1159.0	1109.9	1059.8	1035.7	1010.7	998.7	986.7	982.7	991.7	992.7	992.7
27.5°	1017.7	987.7	956.6	941.6	925.6	920.6	915.5	908.5	917.5	917.5	916.5
30°	946.6	914.5	882.5	863.5	844.4	846.4	847.4	845.4	851.4	855.4	858.4
32.5°	888.5	857.4	826.4	807.4	787.3	784.3	781.3	779.3	792.3	799.3	806.4
35°	836.4	802.4	768.3	750.3	732.2	725.2	718.2	713.2	725.2	734.2	743.3
37.5°	801.4	766.3	730.2	713.2	695.2	686.2	677.1	671.1	676.1	680.1	684.2
40°	773.3	737.2	700.2	680.1	660.1	651.1	642.1	637.1	640.1	641.1	642.1
42.5°	747.3	712.2	677.1	655.1	632.1	621.0	610.0	604.0	606.0	608.0	609.0
45°	728.2	693.2	657.1	631.1	604.0	592.0	580.0	573.0	574.0	574.0	574.0
47.5°	746.3	695.2	643.1	613.0	582.0	568.0	553.9	546.9	544.9	542.9	540.9
50°	812.4	725.2	637.1	599.0	559.9	544.9	528.9	520.9	515.9	513.9	511.9
52.5°	793.3	718.2	642.1	593.0	542.9	524.9	506.9	493.8	488.8	485.8	482.8
55°	726.2	679.1	631.1	572.0	512.9	496.8	479.8	470.8	461.8	459.8	457.8
57.5°	638.1	619.0	600.0	539.9	479.8	464.8	448.8	442.7	434.7	434.7	433.7
60°	533.9	561.9	590.0	520.9	450.8	433.7	416.7	411.7	408.7	407.7	406.7
62.5°	479.8	525.9	571.0	497.8	423.7	405.7	387.7	381.6	380.6	381.6	381.6
65°	433.7	447.8	461.8	427.7	393.7	375.6	356.6	350.6	352.6	355.6	358.6
67.5°	391.7	388.7	385.7	373.6	360.6	345.6	329.6	323.5	324.5	328.6	332.6
70°	351.6	347.6	342.6	333.6	324.5	311.5	298.5	294.5	293.5	298.5	302.5
72.5°	311.5	306.5	300.5	293.5	285.5	274.5	263.4	260.4	261.4	264.4	267.5
75°	267.5	263.4	258.4	252.4	245.4	235.4	225.4	223.4	225.4	228.4	231.4
77.5°	219.4	218.4	216.4	211.4	206.3	195.3	183.3	182.3	185.3	188.3	190.3
80°	171.3	172.3	173.3	169.3	165.3	153.3	140.2	139.2	142.2	145.2	148.3
82.5°	126.2	129.2	131.2	126.2	121.2	107.2	93.2	91.2	101.2	104.2	107.2
85°	73.1	77.1	81.1	77.1	73.1	59.1	45.1	44.1	53.1	58.1	63.1
87.5°	6.0	8.0	10.0	9.0	8.0	4.0	0.0	0.0	1.0	5.0	9.0
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: P320779

CATALOG NUMBER: GAN-SA5D-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: P320779

CATALOG NUMBER: GAN-SA5D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9
2.5°	6524.0	6484.9	6472.9	6460.9	6416.8	6371.7	6417.8	6462.9	6481.9	6501.0	6451.9
5°	5304.9	5297.9	5297.9	5296.9	5256.9	5215.8	5246.9	5276.9	5209.8	5142.7	5135.7
7.5°	3975.7	4018.8	4053.8	4087.9	4074.9	4061.9	4090.9	4119.9	4034.8	3948.7	3906.6
10°	2944.0	2953.0	2991.0	3029.1	3038.1	3046.1	3082.2	3117.3	3051.1	2985.0	2956.0
12.5°	2296.9	2248.8	2253.8	2257.8	2275.8	2292.9	2330.9	2368.0	2340.9	2312.9	2315.9
15°	1860.1	1799.0	1774.0	1747.9	1768.0	1788.0	1815.1	1841.1	1842.1	1842.1	1868.2
17.5°	1518.6	1487.5	1462.5	1436.4	1463.5	1489.5	1492.5	1495.5	1496.5	1497.5	1495.5
20°	1244.1	1259.1	1251.1	1243.1	1253.1	1262.1	1270.1	1277.2	1268.1	1258.1	1233.1
22.5°	1090.8	1103.9	1113.9	1122.9	1139.9	1155.9	1147.9	1138.9	1120.9	1101.9	1082.8
25°	1001.7	1010.7	1020.7	1030.7	1044.8	1057.8	1043.8	1029.7	1016.7	1003.7	990.7
27.5°	926.6	935.6	944.6	952.6	965.6	977.6	964.6	951.6	940.6	929.6	919.6
30°	865.5	871.5	878.5	885.5	897.5	908.5	897.5	885.5	877.5	868.5	861.5
32.5°	813.4	819.4	822.4	825.4	836.4	847.4	839.4	831.4	824.4	817.4	812.4
35°	756.3	768.3	770.3	772.3	783.3	794.3	789.3	783.3	775.3	767.3	758.3
37.5°	698.2	712.2	720.2	727.2	738.2	749.3	744.3	739.2	728.2	717.2	701.2
40°	649.1	655.1	670.1	684.2	702.2	719.2	709.2	698.2	681.1	664.1	656.1
42.5°	608.0	607.0	621.0	635.1	662.1	688.2	670.1	652.1	636.1	620.0	618.0
45°	572.0	569.0	576.0	583.0	612.0	640.1	622.0	603.0	594.0	585.0	585.0
47.5°	539.9	537.9	542.9	546.9	565.0	582.0	573.0	564.0	558.9	553.9	554.9
50°	510.9	508.9	513.9	517.9	524.9	530.9	532.9	533.9	530.9	527.9	529.9
52.5°	483.8	483.8	485.8	486.8	495.8	504.9	504.9	503.8	503.8	503.8	505.9
55°	460.8	462.8	462.8	462.8	476.8	489.8	485.8	481.8	482.8	482.8	484.8
57.5°	437.7	440.7	442.7	444.8	458.8	472.8	468.8	464.8	464.8	464.8	465.8
60°	411.7	415.7	419.7	423.7	437.7	451.8	447.8	442.7	443.7	444.8	445.8
62.5°	386.7	390.7	394.7	398.7	412.7	426.7	422.7	417.7	420.7	422.7	422.7
65°	362.6	365.6	369.6	373.6	386.7	399.7	395.7	391.7	395.7	398.7	400.7
67.5°	335.6	337.6	341.6	345.6	358.6	371.6	367.6	362.6	367.6	371.6	375.6
70°	304.5	306.5	311.5	315.5	328.6	341.6	336.6	331.6	336.6	341.6	345.6
72.5°	270.5	272.5	277.5	281.5	296.5	311.5	305.5	299.5	305.5	311.5	313.5
75°	233.4	235.4	241.4	246.4	261.4	276.5	271.5	265.4	270.5	275.5	276.5
77.5°	193.3	196.3	204.3	212.4	224.4	236.4	233.4	230.4	233.4	236.4	236.4
80°	151.3	154.3	164.3	173.3	180.3	187.3	188.3	189.3	190.3	191.3	190.3
82.5°	112.2	116.2	125.2	134.2	134.2	134.2	142.2	149.3	149.3	148.3	147.2
85°	69.1	74.1	82.1	90.2	85.1	80.1	93.2	105.2	105.2	104.2	102.2
87.5°	14.0	19.0	27.0	34.1	29.0	24.0	37.1	50.1	51.1	51.1	49.1
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



REPORT NUMBER: P320779
 CATALOG NUMBER: GAN-SA5D-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: P320779

CATALOG NUMBER: GAN-SA5D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9
2.5°	6401.8	6479.9	6557.1	6577.1	6607.1	6620.2	6632.2	6730.4	6827.5	6941.7	7055.9
5°	5127.6	5185.7	5243.8	5252.9	5283.9	5299.9	5316.0	5435.2	5553.4	5712.6	5871.9
7.5°	3864.5	3878.5	3892.6	3890.6	3916.6	3951.7	3985.7	4112.9	4239.2	4410.4	4580.7
10°	2926.9	2959.0	2990.0	3019.1	3076.2	3142.3	3207.4	3337.6	3467.8	3637.1	3805.4
12.5°	2318.9	2356.0	2392.0	2424.1	2490.2	2578.3	2665.5	2821.8	2978.0	3180.4	3381.7
15°	1893.2	1890.2	1887.2	1909.2	1967.3	2063.5	2158.6	2323.9	2489.2	2711.6	2932.9
17.5°	1493.5	1478.5	1463.5	1480.5	1534.6	1613.7	1691.9	1832.1	1971.3	2186.7	2402.1
20°	1208.0	1198.0	1188.0	1204.0	1238.1	1271.1	1304.2	1405.4	1505.5	1680.8	1855.1
22.5°	1062.8	1061.8	1059.8	1068.8	1084.8	1101.9	1117.9	1167.0	1215.0	1328.2	1440.4
25°	977.6	976.6	975.6	979.7	992.7	1005.7	1018.7	1050.8	1082.8	1136.9	1191.0
27.5°	909.5	907.5	905.5	906.5	909.5	929.6	948.6	963.6	977.6	1014.7	1050.8
30°	854.4	853.4	852.4	852.4	849.4	856.4	863.5	886.5	908.5	946.6	984.7
32.5°	807.4	802.4	797.3	786.3	779.3	789.3	799.3	823.4	847.4	882.5	917.5
35°	748.3	735.2	721.2	715.2	716.2	726.2	736.2	760.3	783.3	821.4	858.4
37.5°	684.2	680.1	675.1	674.1	677.1	687.2	697.2	718.2	738.2	776.3	813.4
40°	648.1	646.1	644.1	642.1	644.1	654.1	664.1	684.2	703.2	740.2	776.3
42.5°	616.0	615.0	614.0	614.0	615.0	626.1	637.1	657.1	676.1	709.2	742.3
45°	585.0	586.0	586.0	588.0	591.0	602.0	612.0	634.1	656.1	688.2	720.2
47.5°	555.9	558.9	560.9	566.0	569.0	581.0	592.0	616.0	640.1	680.1	719.2
50°	530.9	533.9	535.9	539.9	547.9	561.9	576.0	605.0	633.1	700.2	766.3
52.5°	507.9	510.9	513.9	517.9	527.9	543.9	559.9	596.0	631.1	709.2	787.3
55°	486.8	489.8	491.8	497.8	507.9	521.9	534.9	579.0	623.1	680.1	737.2
57.5°	466.8	469.8	471.8	475.8	480.8	495.8	509.9	556.9	604.0	644.1	683.2
60°	445.8	447.8	448.8	448.8	452.8	469.8	486.8	546.9	606.0	599.0	591.0
62.5°	422.7	424.7	425.7	422.7	427.7	445.8	463.8	541.9	620.0	572.0	523.9
65°	401.7	400.7	399.7	396.7	402.7	420.7	437.7	476.8	515.9	496.8	477.8
67.5°	378.6	375.6	372.6	368.6	374.6	390.7	405.7	418.7	431.7	433.7	435.7
70°	349.6	345.6	341.6	340.6	343.6	356.6	369.6	378.6	386.7	390.7	393.7
72.5°	315.5	312.5	309.5	307.5	308.5	319.5	329.6	337.6	345.6	348.6	350.6
75°	277.5	277.5	276.5	270.5	270.5	279.5	287.5	294.5	301.5	305.5	309.5
77.5°	236.4	237.4	237.4	229.4	228.4	237.4	245.4	251.4	256.4	260.4	263.4
80°	189.3	187.3	185.3	180.3	178.3	189.3	199.3	204.3	208.4	209.4	209.4
82.5°	145.2	141.2	136.2	125.2	126.2	138.2	149.3	153.3	157.3	157.3	157.3
85°	99.2	91.2	82.1	73.1	74.1	87.1	99.2	103.2	107.2	109.2	110.2
87.5°	47.1	39.1	30.1	23.0	23.0	34.1	44.1	46.1	48.1	52.1	56.1
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



REPORT NUMBER: P320779
 CATALOG NUMBER: GAN-SA5D-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: P320779

CATALOG NUMBER: GAN-SA5D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9
2.5°	7143.0	7229.2	7318.3	7407.5	7509.7	7611.8	7731.0	7849.2	7950.4	8051.6	8135.7
5°	6009.1	6146.4	6307.6	6468.9	6674.3	6879.6	7131.0	7381.5	7604.8	7828.2	8087.6
7.5°	4760.0	4938.3	5148.7	5359.0	5624.5	5889.9	6215.5	6541.0	6856.6	7171.1	7569.8
10°	3992.7	4180.1	4387.4	4593.7	4864.2	5133.7	5478.2	5821.8	6176.4	6530.0	6980.8
12.5°	3590.1	3797.4	3979.7	4162.0	4381.4	4599.8	4933.3	5266.9	5683.6	6099.3	6533.0
15°	3160.3	3386.7	3605.1	3823.4	4062.9	4301.3	4625.8	4950.3	5406.1	5861.9	6360.7
17.5°	2640.5	2878.9	3145.3	3410.8	3723.3	4034.8	4450.5	4866.2	5406.1	5945.0	6533.0
20°	2098.5	2342.0	2660.5	2979.0	3367.7	3755.3	4294.2	4833.2	5560.4	6286.6	7036.9
22.5°	1655.8	1870.2	2217.7	2564.3	3013.1	3461.8	4153.0	4843.2	5793.8	6743.4	7756.1
25°	1342.3	1493.5	1835.1	2175.7	2693.5	3211.4	4066.9	4921.3	6133.3	7344.4	8600.5
27.5°	1149.9	1249.1	1567.6	1885.2	2451.1	3016.1	4031.8	5046.5	6564.1	8081.6	9519.1
30°	1053.8	1122.9	1392.3	1660.8	2235.8	2810.7	3989.7	5168.7	6978.8	8787.8	10237.3
32.5°	973.6	1028.7	1259.1	1488.5	2049.5	2610.4	3908.6	5205.8	7268.3	9330.7	10845.3
35°	905.5	951.6	1151.9	1352.3	1903.2	2454.1	3772.4	5090.6	7449.6	9808.5	11478.4
37.5°	850.4	886.5	1071.8	1257.1	1777.0	2296.9	3617.1	4937.3	7610.8	10284.3	12190.6
40°	807.4	838.4	1011.7	1185.0	1656.8	2128.6	3483.9	4838.2	7833.2	10828.3	12942.8
42.5°	783.3	823.4	959.6	1094.8	1542.6	1990.4	3376.7	4763.0	8039.6	11315.1	13600.9
45°	777.3	834.4	932.6	1030.7	1457.5	1884.2	3281.5	4677.9	8172.8	11667.7	14096.8
47.5°	767.3	814.4	911.5	1008.7	1415.4	1821.1	3230.4	4638.8	8306.0	11972.2	14508.5
50°	773.3	779.3	894.5	1008.7	1409.4	1810.1	3288.5	4767.0	8594.5	12421.0	14979.3
52.5°	762.3	736.2	862.5	988.7	1408.4	1828.1	3455.8	5083.6	9130.4	13176.2	15489.1
55°	704.2	670.1	802.4	934.6	1387.3	1839.1	3655.2	5470.2	9849.6	14228.0	16405.7
57.5°	653.1	622.0	734.2	845.4	1323.2	1801.0	3860.5	5919.0	10609.9	15299.8	17438.4
60°	585.0	578.0	658.1	738.2	1224.1	1708.9	4029.8	6349.7	11120.8	15890.8	17836.1
62.5°	528.9	532.9	592.0	651.1	1099.9	1547.6	4085.9	6623.2	11106.7	15590.3	17435.4
65°	485.8	492.8	550.9	609.0	993.7	1378.3	3901.6	6423.8	10544.8	14664.7	16643.1
67.5°	443.7	451.8	520.9	589.0	899.5	1209.0	3440.8	5671.6	9534.1	13395.6	15635.4
70°	403.7	413.7	488.8	564.0	831.4	1097.9	2846.8	4595.8	8268.9	11941.1	14468.4
72.5°	360.6	370.6	450.8	530.9	788.3	1044.8	2320.9	3596.1	6710.3	9823.6	12375.9
75°	316.5	323.5	410.7	496.8	729.2	961.6	1821.1	2679.5	5135.7	7591.8	9347.8
77.5°	272.5	281.5	354.6	426.7	619.0	810.4	1372.3	1934.3	3768.4	5601.4	6501.0
80°	217.4	225.4	277.5	328.6	477.8	626.1	943.6	1261.1	2593.4	3925.6	4432.5
82.5°	166.3	175.3	210.4	244.4	340.6	436.7	572.0	707.2	1722.9	2737.6	2779.7
85°	114.2	117.2	142.2	166.3	210.4	254.4	327.6	400.7	1139.9	1879.2	1565.6
87.5°	57.1	57.1	74.1	91.2	113.2	135.2	173.3	210.4	364.6	518.9	298.5
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: P320779

CATALOG NUMBER: GAN-SA5D-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: P320779

CATALOG NUMBER: GAN-SA5D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9
2.5°	8242.9	8316.0	8390.2	8446.2	8503.3	8585.5	8667.6	8682.6	8698.7	8666.6	8634.6
5°	8349.1	8570.5	8792.8	8998.2	9203.5	9326.7	9449.9	9475.0	9500.0	9422.9	9344.8
7.5°	7955.4	8341.1	8726.7	9080.3	9433.9	9648.3	9863.6	9911.7	9960.8	9834.6	9708.4
10°	7429.5	7903.3	8377.1	8842.9	9308.7	9620.2	9931.8	9993.9	10056.0	9898.7	9741.4
12.5°	7022.8	7528.7	8034.6	8525.4	9017.2	9339.8	9662.3	9739.4	9816.6	9702.4	9587.2
15°	6897.6	7373.4	7849.2	8277.0	8705.7	8969.1	9233.6	9264.6	9296.7	9278.7	9260.6
17.5°	7125.0	7554.7	7985.5	8217.9	8451.3	8556.4	8662.6	8696.7	8731.7	8776.8	8822.9
20°	7675.9	7978.5	8282.0	8272.0	8260.9	8209.8	8157.8	8148.7	8139.7	8268.9	8399.2
22.5°	8498.3	8618.5	8739.7	8458.3	8176.8	8005.5	7833.2	7799.2	7764.1	7901.3	8039.6
25°	9390.8	9368.8	9345.8	8809.9	8273.0	7946.4	7619.9	7581.8	7543.7	7660.9	7779.1
27.5°	10274.3	10130.1	9985.8	9257.6	8529.4	8055.6	7581.8	7543.7	7505.7	7609.8	7714.0
30°	10922.4	10691.0	10459.6	9635.3	8810.9	8247.9	7685.0	7622.9	7559.8	7688.0	7816.2
32.5°	11428.3	11117.8	10807.2	9941.8	9076.3	8467.3	7858.3	7761.1	7663.9	7835.2	8006.5
35°	11933.1	11496.4	11058.7	10215.2	9370.8	8726.7	8081.6	7962.4	7843.2	8078.6	8314.0
37.5°	12568.2	11941.1	11313.1	10522.7	9732.4	9115.4	8497.3	8375.1	8252.9	8552.4	8852.9
40°	13257.4	12421.0	11584.5	10859.3	10134.1	9653.3	9171.5	9055.3	8938.1	9302.7	9667.3
42.5°	13830.3	12867.7	11905.1	11265.0	10623.9	10285.3	9945.8	9944.8	9942.8	10312.4	10682.0
45°	14296.1	13240.3	12183.6	11660.7	11136.8	10960.5	10784.2	10925.4	11066.7	11400.2	11734.8
47.5°	14643.7	13552.9	12461.0	12113.4	11765.8	11791.9	11817.9	12105.4	12392.9	12607.3	12822.6
50°	14870.1	13836.3	12801.6	12694.4	12587.2	12820.6	13055.0	13384.6	13715.1	13861.4	14007.6
52.5°	15199.6	14221.0	13241.3	13361.5	13481.7	13958.5	14435.3	14768.9	15102.5	15156.6	15211.7
55°	15961.9	14928.2	13893.4	14123.8	14355.2	15054.4	15754.6	16015.0	16275.5	16295.5	16315.5
57.5°	17044.8	15918.9	14793.0	15041.4	15289.8	16097.2	16905.5	17186.0	17467.5	17428.4	17388.3
60°	17855.1	16859.4	15862.8	16113.2	16363.6	17150.9	17938.3	18260.8	18584.3	18498.2	18412.1
62.5°	17905.2	17373.3	16840.4	17066.8	17294.2	18065.5	18836.8	19168.3	19499.9	19349.6	19199.4
65°	17108.9	17347.3	17585.7	17660.8	17735.9	18455.1	19175.3	19428.8	19683.2	19607.1	19530.9
67.5°	16012.0	16890.5	17770.0	17618.7	17467.5	17805.0	18142.6	18404.0	18665.5	18622.4	18578.3
70°	14917.2	16090.1	17263.1	16519.9	15775.6	15636.4	15497.1	15778.6	16061.1	15886.8	15711.5
72.5°	13053.0	14303.1	15554.2	14184.9	12815.6	12339.8	11864.0	12221.6	12579.2	12301.7	12023.3
75°	10246.3	11627.6	13009.9	11376.2	9742.4	9107.4	8472.3	8779.8	9087.3	8897.0	8705.7
77.5°	7627.9	8989.2	10350.5	8689.7	7027.9	6556.1	6083.3	6174.4	6266.6	6234.5	6201.5
80°	5173.7	6122.3	7071.9	5966.1	4860.2	4896.3	4933.3	4890.2	4846.2	4910.3	4974.4
82.5°	3301.6	4033.8	4767.0	4180.1	3593.1	3929.6	4266.2	4100.9	3934.6	3995.7	4057.8
85°	1884.2	2600.4	3317.6	3092.2	2865.8	3062.2	3259.5	3003.1	2746.6	2858.8	2972.0
87.5°	496.8	1438.4	2381.0	2161.6	1942.3	1687.8	1433.4	1093.8	754.3	1101.9	1449.4
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: P320779
 CATALOG NUMBER: GAN-SA5D-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

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CATALOG NUMBER: GAN-SA5D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9	7632.9
2.5°	8617.5	8600.5	8539.4	8477.3	8385.1	8309.0	8176.8
5°	9236.6	9128.4	8942.1	8754.8	8546.4	8307.0	8041.6
7.5°	9455.9	9202.5	8844.9	8486.3	8163.8	7785.1	7432.5
10°	9362.8	8983.2	8518.4	8052.6	7660.9	7225.2	6833.5
12.5°	9184.5	8780.8	8268.9	7756.1	7310.3	6842.5	6403.8
15°	8939.1	8616.5	8136.7	7656.9	7208.2	6753.4	6233.5
17.5°	8670.6	8517.4	8170.8	7823.2	7434.5	6993.8	6383.8
20°	8454.3	8510.4	8372.1	8233.9	7922.4	7537.7	6852.6
22.5°	8308.0	8577.5	8683.6	8790.8	8603.5	8303.0	7510.7
25°	8225.9	8672.6	9028.2	9384.8	9301.7	9070.3	8310.0
27.5°	8261.9	8809.9	9361.8	9914.7	9991.9	9927.7	9152.4
30°	8370.1	8925.1	9597.2	10270.3	10577.8	10664.0	9854.6
32.5°	8550.4	9094.3	9826.6	10559.8	11024.6	11299.1	10496.7
35°	8822.9	9331.7	10095.0	10858.3	11459.3	11960.2	11159.8
37.5°	9290.7	9728.4	10432.6	11137.8	11917.1	12669.4	11890.1
40°	9975.8	10285.3	10880.4	11476.4	12457.0	13472.7	12704.4
42.5°	10840.3	10999.6	11471.3	11943.1	13021.0	14202.0	13500.8
45°	11776.9	11818.9	12115.4	12412.9	13467.7	14698.8	14098.8
47.5°	12678.4	12534.1	12652.3	12770.5	13810.3	15053.4	14552.5
50°	13605.9	13204.3	13142.2	13080.1	14152.9	15471.1	15129.5
52.5°	14549.5	13887.4	13642.0	13395.6	14561.6	16025.0	15847.7
55°	15473.1	14630.7	14300.1	13969.6	15186.6	16701.2	16902.5
57.5°	16433.7	15479.1	15172.6	14866.1	16105.2	17557.6	17849.1
60°	17467.5	16521.9	16276.5	16030.0	17247.1	18483.2	18270.8
62.5°	18448.1	17696.8	17567.6	17437.4	18402.0	19194.4	18106.5
65°	19103.2	18674.5	18794.7	18915.9	19275.5	19371.7	17625.7
67.5°	18665.5	18752.6	19260.5	19769.3	19521.9	18844.8	16678.1
70°	16233.4	16756.3	17959.3	19163.3	18614.4	17433.4	14977.3
72.5°	12610.3	13198.3	14984.3	16771.3	16265.4	14819.0	12301.7
75°	9368.8	10032.9	12004.2	13975.6	13273.4	11084.7	8807.9
77.5°	6646.2	7091.0	9037.2	10984.5	9839.6	7378.4	5927.0
80°	4838.2	4701.9	5786.8	6871.6	6681.3	4880.2	3806.4
82.5°	3725.3	3392.7	3903.6	4414.4	4386.4	3386.7	2792.7
85°	2838.8	2705.6	3157.3	3609.1	3222.4	2293.9	1775.0
87.5°	1654.8	1861.1	2393.0	2925.9	2195.7	696.2	344.6
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: P320779

CATALOG NUMBER: GAN-SA5D-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)