

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: P320459

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320459
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-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 80 CRI, 2700K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT 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 III - 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

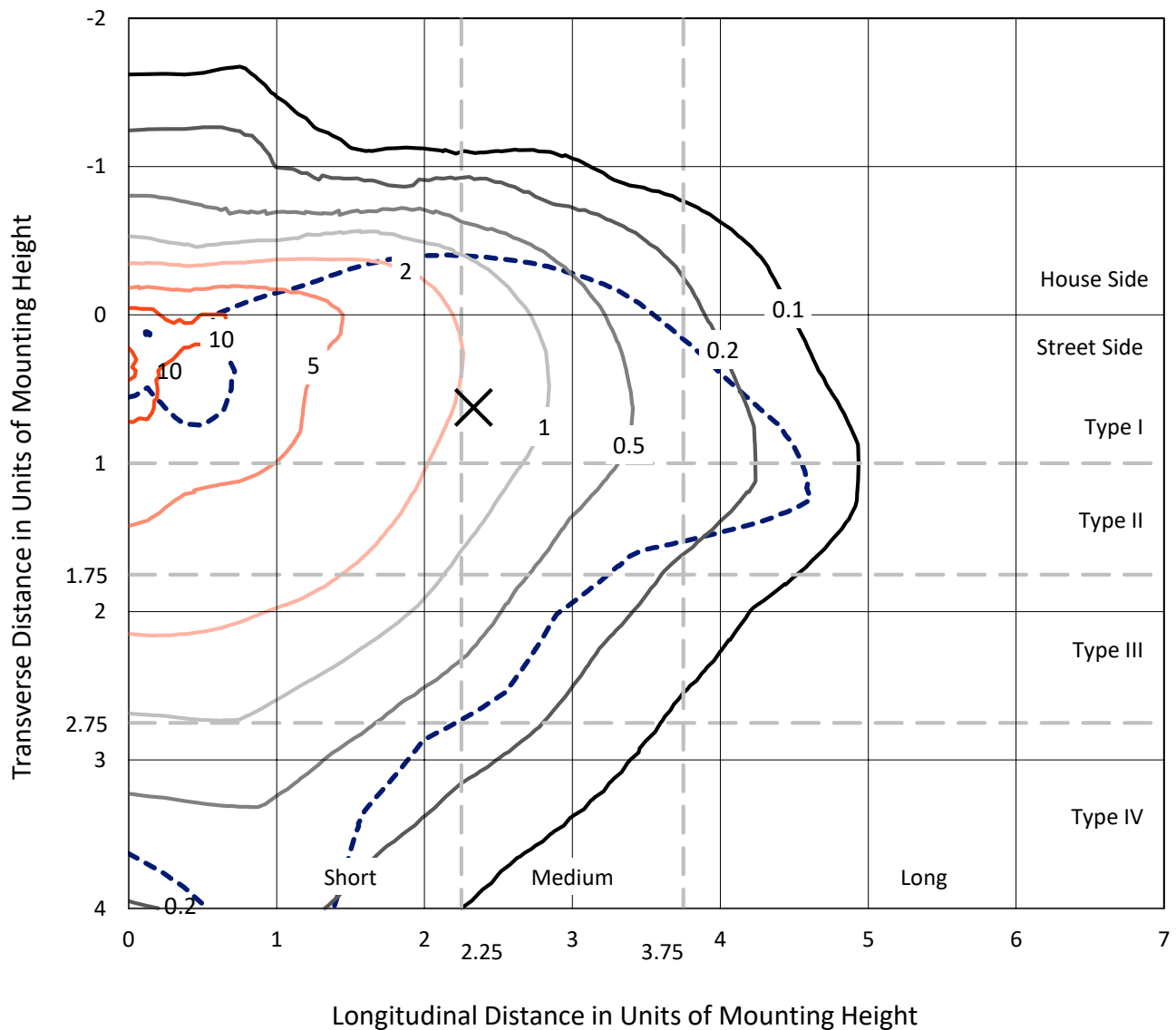


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Iso-Footcandle Lines of Horizontal Illumination

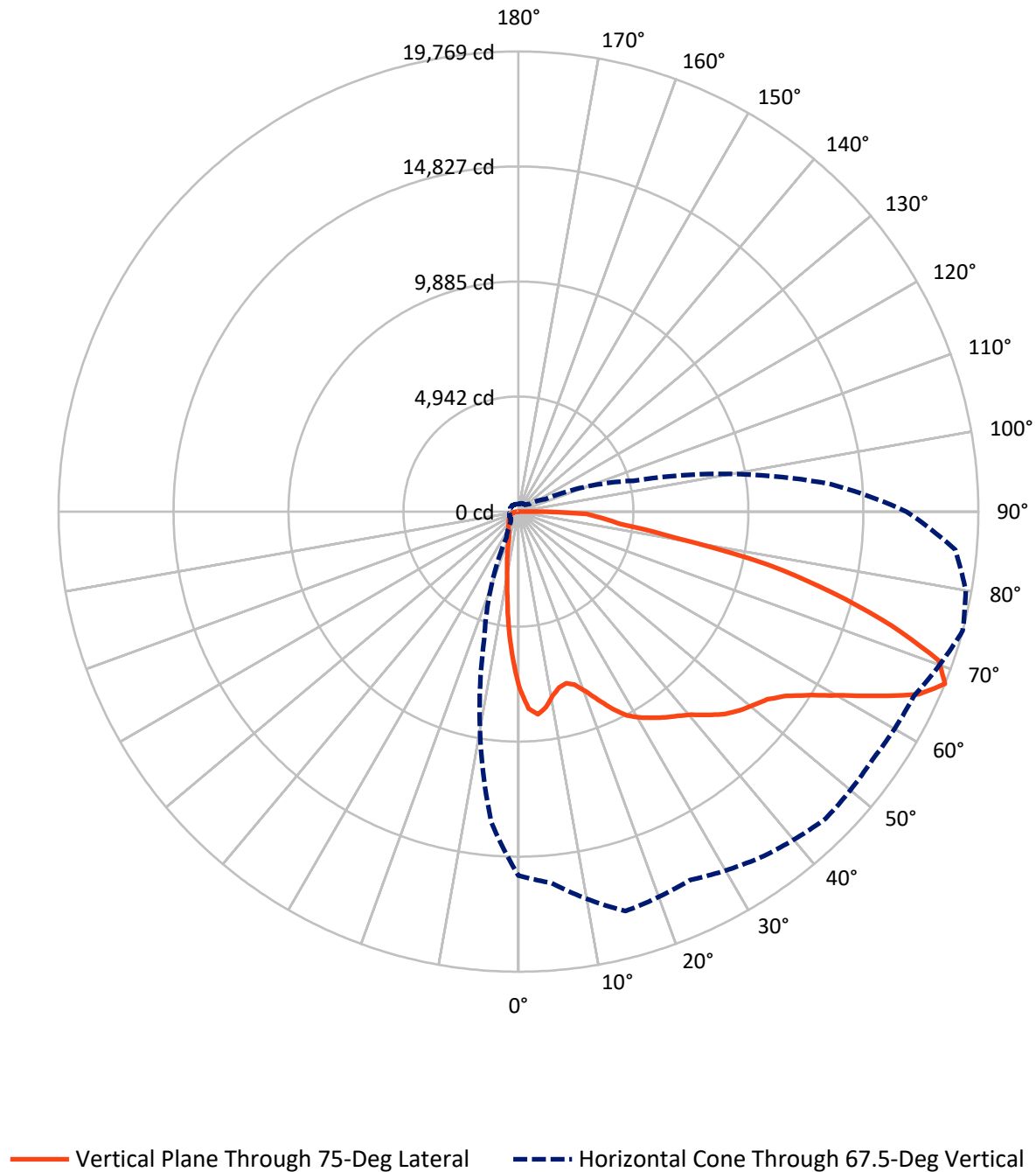
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.4 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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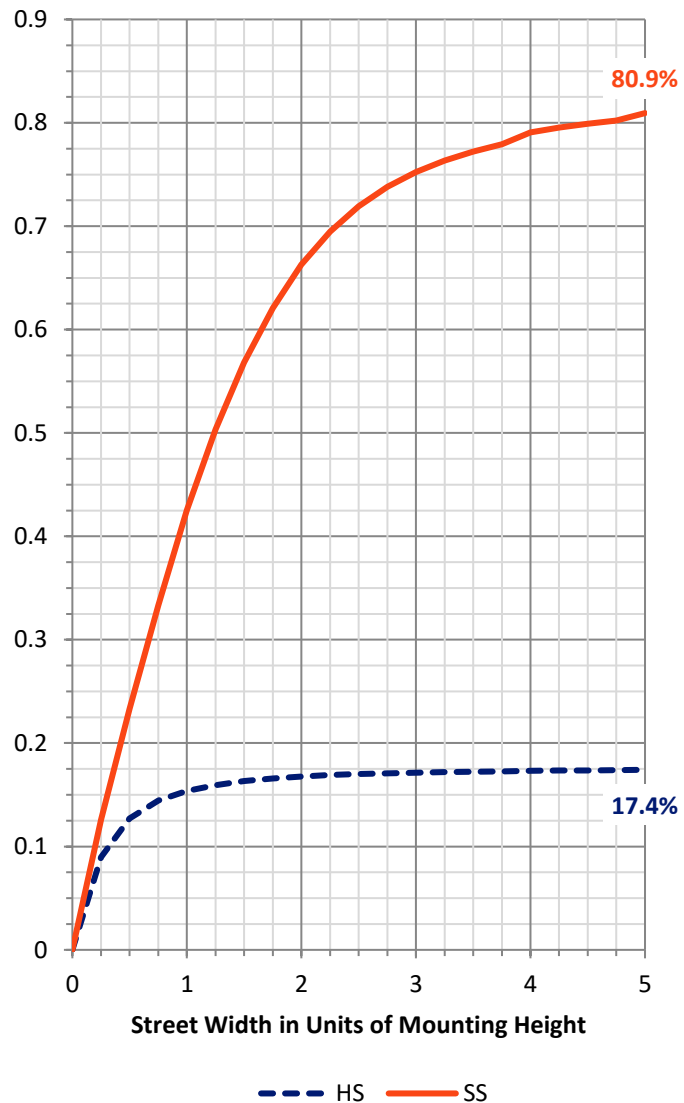
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4412.6	0.0	4412.6
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	20641.4	0.0	20641.4
	% Fixture	82.4	0.0	82.4
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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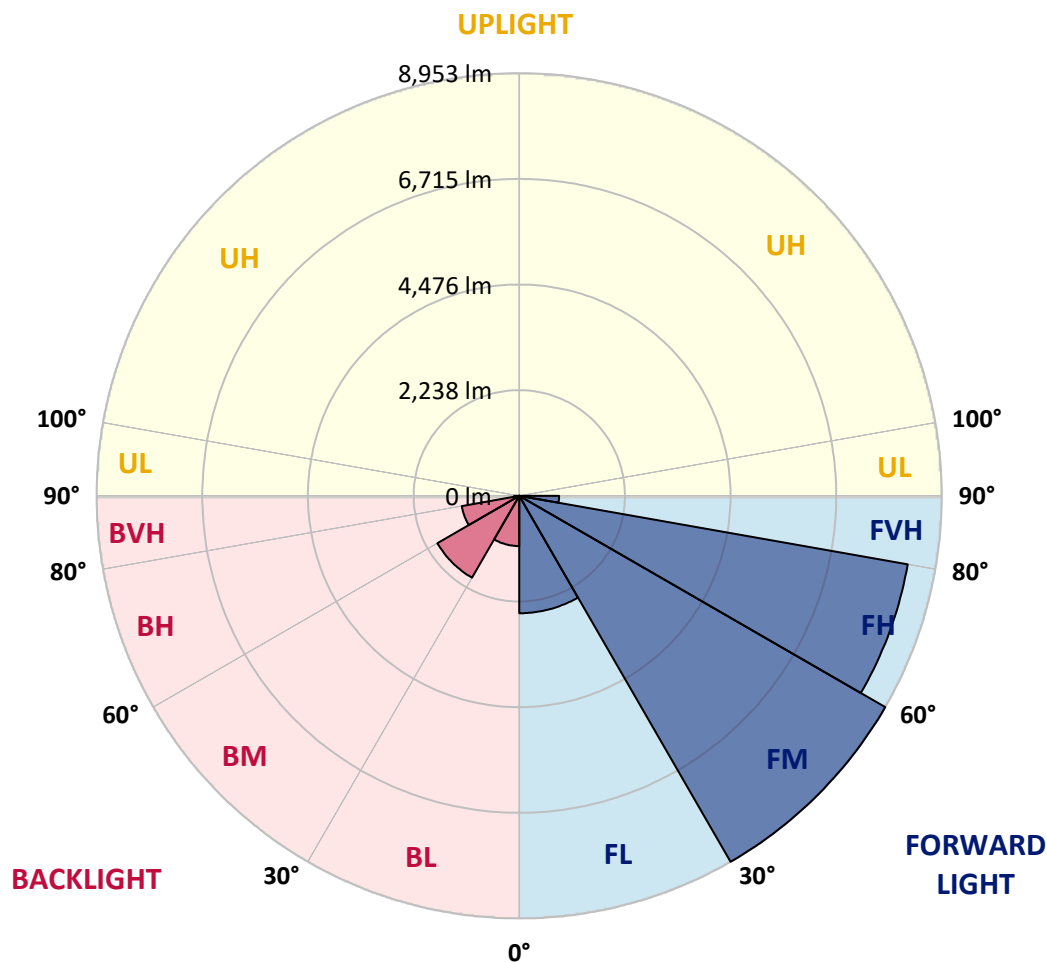
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2487.6	9.9			
FM	(30°-60°)	8953.0	35.7			
FH	(60°-80°)	8357.2	33.4			G4/12000
FVH	(80°-90°)	843.6	3.4			G5
BL	(0°-30°)	1065.7	4.3	B3/2500		
BM	(30°-60°)	2003.0	8.0	B2/2500		
BH	(60°-80°)	1237.1	4.9	B3/2500		G3/2500
BVH	(80°-90°)	106.8	0.4			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8
2.5°	8135.7	8242.8	8317.0	8390.1	8447.2	8503.3	8585.4	8667.6	8683.6	8698.6	8666.6
5°	8087.6	8349.0	8571.4	8792.8	8998.1	9203.5	9326.7	9449.9	9474.9	9500.0	9422.8
7.5°	7569.7	7955.4	8341.0	8726.7	9080.2	9433.8	9649.2	9863.6	9912.6	9960.7	9834.5
10°	6980.7	7429.5	7903.3	8377.1	8842.9	9308.6	9620.2	9931.7	9993.8	10055.9	9898.6
12.5°	6533.0	7022.8	7528.6	8034.5	8526.3	9017.1	9339.7	9662.2	9739.4	9816.5	9702.3
15°	6360.7	6897.6	7373.4	7849.2	8277.9	8705.6	8970.1	9233.5	9265.6	9296.6	9278.6
17.5°	6533.0	7125.0	7555.7	7985.4	8218.8	8451.2	8557.4	8662.5	8697.6	8731.7	8777.7
20°	7036.8	7675.9	7979.4	8281.9	8271.9	8260.9	8209.8	8157.7	8148.7	8139.7	8269.9
22.5°	7756.0	8498.3	8619.5	8739.7	8458.2	8176.7	8005.4	7833.2	7799.1	7764.0	7902.3
25°	8600.4	9390.8	9368.7	9345.7	8809.8	8272.9	7946.3	7619.8	7581.7	7543.7	7661.9
27.5°	9519.0	10274.3	10130.0	9985.8	9257.5	8529.3	8055.5	7581.7	7543.7	7505.6	7609.8
30°	10237.2	10922.3	10691.0	10459.6	9635.2	8810.8	8247.9	7684.9	7622.8	7559.7	7687.9
32.5°	10845.2	11428.2	11117.7	10807.1	9941.7	9076.2	8467.2	7858.2	7761.0	7663.9	7835.2
35°	11478.3	11933.0	11496.3	11058.6	10215.2	9370.7	8726.7	8081.6	7962.4	7843.2	8078.6
37.5°	12190.5	12568.1	11941.1	11313.0	10522.7	9732.3	9115.3	8497.3	8375.1	8252.9	8553.4
40°	12942.7	13257.3	12420.9	11584.5	10859.2	10134.0	9653.2	9171.4	9055.2	8938.0	9302.6
42.5°	13600.8	13830.2	12867.6	11905.0	11264.9	10623.8	10285.3	9945.7	9944.7	9942.7	10312.3
45°	14096.7	14296.0	13240.2	12183.5	11660.6	11136.7	10960.4	10784.1	10925.3	11066.6	11401.1
47.5°	14508.4	14643.6	13552.8	12460.9	12113.3	11765.8	11791.8	11817.8	12105.3	12392.8	12608.2
50°	14979.2	14870.0	13836.2	12801.5	12694.3	12587.1	12821.5	13054.9	13385.5	13715.0	13861.3
52.5°	15489.0	15199.5	14220.9	13241.2	13361.4	13481.6	13958.4	14435.2	14768.8	15102.4	15157.5
55°	16405.6	15961.8	14928.1	13893.3	14124.7	14355.1	15055.3	15754.5	16014.9	16275.3	16295.4
57.5°	17438.3	17044.6	15918.7	14792.8	15041.3	15289.7	16098.0	16905.4	17186.9	17467.3	17428.3
60°	17836.0	17855.0	16859.3	15862.6	16113.1	16363.5	17150.8	17938.1	18261.7	18584.2	18498.1
62.5°	17435.3	17905.1	17373.2	16840.3	17067.7	17294.0	18065.3	18836.6	19168.2	19499.7	19349.5
65°	16643.0	17108.7	17347.1	17585.5	17660.7	17735.8	18456.0	19175.2	19429.6	19683.1	19606.9
67.5°	15635.3	16011.9	16891.4	17769.8	17618.6	17467.3	17804.9	18142.5	18403.9	18665.3	18622.3
70°	14468.3	14917.1	16090.0	17263.0	16519.7	15775.5	15636.3	15497.0	15779.5	16061.0	15886.7
72.5°	12375.8	13052.9	14304.0	15554.1	14184.8	12815.5	12339.7	11863.9	12221.5	12579.1	12301.7
75°	9347.7	10246.2	11628.5	13009.8	11376.1	9742.4	9107.3	8472.2	8779.7	9087.3	8896.9
77.5°	6500.9	7627.8	8989.1	10350.4	8689.6	7027.8	6556.0	6083.2	6175.4	6266.5	6234.5
80°	4432.4	5173.7	6123.3	7071.9	5966.0	4860.2	4897.2	4933.3	4890.2	4846.1	4910.2
82.5°	2779.7	3301.5	4034.8	4767.0	4180.0	3593.0	3929.6	4266.2	4100.9	3934.6	3996.7
85°	1565.6	1884.2	2601.4	3317.6	3092.2	2865.8	3063.1	3259.5	3003.0	2746.6	2859.8
87.5°	298.5	496.8	1439.4	2381.0	2161.6	1942.3	1687.8	1433.4	1093.8	754.3	1101.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8
2.5°	8634.5	8617.5	8600.4	8539.3	8477.2	8385.1	8309.0	8176.7	8104.6	7995.4	7886.2
5°	9344.7	9236.5	9128.3	8942.0	8754.7	8546.4	8307.0	8041.5	7841.2	7580.7	7320.3
7.5°	9708.3	9455.9	9202.5	8844.9	8486.3	8163.7	7785.1	7432.5	7132.0	6793.4	6454.8
10°	9741.4	9362.7	8983.1	8518.3	8052.5	7660.9	7225.1	6833.5	6472.9	6084.2	5694.6
12.5°	9587.1	9184.4	8780.7	8268.9	7756.0	7311.3	6842.5	6403.8	6004.1	5576.4	5147.6
15°	9260.6	8939.0	8616.5	8136.7	7656.9	7208.1	6753.3	6233.5	5781.7	5344.0	4905.2
17.5°	8822.8	8670.6	8517.3	8170.7	7823.1	7434.5	6993.7	6383.7	5854.8	5379.0	4903.2
20°	8399.1	8455.2	8510.3	8372.1	8233.8	7922.3	7537.7	6852.5	6177.4	5555.3	4932.3
22.5°	8039.5	8309.0	8577.4	8684.6	8790.8	8603.4	8302.9	7510.6	6617.1	5804.7	4992.4
25°	7779.1	8225.8	8672.6	9029.2	9384.8	9301.6	9070.2	8310.0	7200.1	6164.4	5127.6
27.5°	7714.0	8261.9	8809.8	9362.7	9914.7	9991.8	9927.7	9152.4	7895.3	6611.1	5325.9
30°	7816.1	8371.1	8925.0	9598.1	10270.2	10577.8	10663.9	9854.5	8689.6	7132.0	5573.4
32.5°	8006.4	8550.4	9094.3	9827.5	10559.7	11024.5	11299.0	10496.6	9243.5	7524.6	5804.7
35°	8314.0	8822.8	9331.7	10095.0	10858.2	11459.2	11960.1	11159.7	9735.3	7799.1	5861.8
37.5°	8852.9	9290.6	9728.3	10433.5	11137.7	11917.0	12669.3	11890.0	10267.2	8063.5	5858.8
40°	9667.2	9976.8	10285.3	10881.3	11476.3	12456.9	13472.6	12704.3	10855.2	8350.0	5844.8
42.5°	10681.9	10841.2	10999.5	11471.3	11943.1	13020.9	14201.9	13500.7	11416.2	8616.5	5816.8
45°	11734.7	11776.8	11818.8	12116.3	12412.8	13467.6	14698.7	14098.7	11906.0	8847.9	5788.7
47.5°	12822.5	12678.3	12534.0	12652.2	12770.4	13810.2	15053.3	14552.4	12397.8	9104.3	5809.8
50°	14007.5	13605.8	13204.2	13142.1	13080.0	14152.8	15471.0	15129.4	12988.8	9477.9	5967.0
52.5°	15211.5	14549.4	13887.3	13641.9	13395.5	14561.5	16024.9	15847.6	13832.2	10056.9	6280.5
55°	16315.4	15473.0	14630.6	14300.0	13969.5	15186.5	16701.0	16902.4	14913.0	10797.1	6680.2
57.5°	17388.2	16433.6	15479.0	15172.5	14866.0	16105.0	17557.5	17849.0	16004.9	11507.3	7008.8
60°	18411.9	17467.3	16521.7	16276.3	16029.9	17247.0	18483.0	18270.7	16567.8	11839.9	7110.9
62.5°	19199.2	18448.0	17696.7	17567.5	17437.3	18401.9	19194.2	18106.4	16210.2	11512.3	6814.4
65°	19530.8	19103.1	18674.4	18795.6	18915.8	19275.4	19371.5	17625.6	15086.3	10594.8	6103.2
67.5°	18578.2	18665.3	18752.5	19261.3	19769.2	19521.8	18844.6	16678.0	13486.6	9294.6	5102.6
70°	15711.4	16234.3	16756.1	17960.2	19163.2	18614.3	17433.3	14977.2	11561.4	7797.1	4031.8
72.5°	12023.2	12611.2	13198.2	14985.2	16771.2	16265.3	14818.9	12301.7	9269.6	6226.5	3182.3
75°	8705.6	9369.7	10032.8	12004.2	13975.5	13273.3	11084.6	8807.8	7040.8	4753.0	2464.1
77.5°	6201.4	6646.2	7090.9	9038.2	10984.4	9840.5	7378.4	5927.0	4873.2	3303.5	1732.9
80°	4974.4	4838.1	4701.9	5786.7	6871.5	6681.2	4880.2	3806.4	3372.7	2213.7	1054.8
82.5°	4057.8	3725.3	3392.7	3903.6	4414.4	4386.4	3386.7	2792.7	2510.2	1538.6	567.0
85°	2972.0	2838.8	2705.5	3157.3	3609.1	3223.4	2293.9	1775.0	1957.3	1132.9	308.5
87.5°	1449.4	1655.8	1861.1	2394.0	2925.9	2196.7	696.2	344.6	476.8	313.5	149.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320459
 CATALOG NUMBER: GAN-SA5D-827-U-SLL

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: P320459

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

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8
2.5°	7805.1	7723.0	7629.8	7536.7	7430.5	7323.3	7260.2	7196.1	7127.0	7057.9	6979.7
5°	7148.0	6975.7	6780.4	6585.1	6391.7	6198.4	6094.2	5990.1	5879.9	5768.7	5672.5
7.5°	6204.4	5953.0	5682.5	5411.1	5170.7	4929.3	4780.0	4629.8	4493.5	4356.3	4241.1
10°	5374.0	5053.5	4782.0	4509.6	4328.3	4147.0	4009.7	3872.5	3740.3	3607.1	3479.8
12.5°	4827.1	4506.6	4334.3	4162.0	4011.7	3861.5	3703.2	3544.0	3362.6	3180.3	3047.1
15°	4613.7	4322.3	4130.9	3938.6	3737.3	3534.9	3340.6	3146.3	2931.9	2717.6	2566.3
17.5°	4521.6	4140.0	3872.5	3604.1	3338.6	3073.2	2847.8	2622.4	2388.0	2153.6	2000.4
20°	4424.4	3916.6	3558.0	3198.4	2857.8	2517.2	2261.8	2006.4	1797.0	1587.7	1470.5
22.5°	4336.3	3679.2	3229.4	2778.7	2376.0	1973.3	1722.9	1471.5	1343.3	1215.0	1168.0
25°	4300.2	3471.8	2918.9	2366.0	1941.3	1515.5	1337.2	1158.9	1109.9	1059.8	1035.7
27.5°	4306.2	3286.5	2657.5	2027.4	1644.8	1262.1	1139.9	1017.7	987.7	956.6	941.6
30°	4329.3	3085.2	2411.0	1736.9	1421.4	1105.9	1026.7	946.6	914.5	882.5	863.5
32.5°	4355.3	2904.9	2220.7	1535.6	1278.1	1019.7	954.6	888.5	857.4	826.4	807.4
35°	4310.2	2757.6	2090.5	1423.4	1186.0	947.6	892.5	836.4	802.3	768.3	750.3
37.5°	4234.1	2609.4	1989.3	1368.3	1125.9	882.5	842.4	801.3	766.3	730.2	713.2
40°	4165.0	2484.2	1914.2	1343.3	1092.8	841.4	807.4	773.3	737.2	700.2	680.1
42.5°	4108.9	2400.0	1840.1	1280.1	1062.8	844.4	796.3	747.3	712.2	677.1	655.1
45°	4066.8	2344.9	1782.0	1219.0	1034.7	850.4	789.3	728.2	693.2	657.1	631.1
47.5°	4062.8	2315.9	1740.9	1166.0	981.6	796.3	771.3	746.3	695.2	643.1	613.0
50°	4117.9	2268.8	1692.8	1115.9	930.6	745.3	779.3	812.4	725.2	637.1	599.0
52.5°	4233.1	2185.7	1616.7	1047.8	868.5	688.2	741.2	793.3	718.2	642.1	593.0
55°	4372.3	2063.5	1501.5	938.6	786.3	633.1	680.1	726.2	679.1	631.1	572.0
57.5°	4459.5	1909.2	1356.3	803.3	694.2	585.0	612.0	638.1	619.0	600.0	539.9
60°	4407.4	1703.9	1193.0	681.1	613.0	544.9	539.9	533.9	561.9	590.0	520.9
62.5°	4153.0	1491.5	1048.8	606.0	554.9	502.8	491.8	479.8	525.9	571.0	497.8
65°	3723.3	1343.3	957.6	572.0	514.9	457.8	445.7	433.7	447.8	461.8	427.7
67.5°	3177.3	1252.1	905.5	558.9	489.8	419.7	405.7	391.7	388.7	385.6	373.6
70°	2614.4	1196.0	871.5	546.9	462.8	377.6	364.6	351.6	347.6	342.6	333.6
72.5°	2185.7	1189.0	867.5	545.9	440.7	335.6	323.5	311.5	306.5	300.5	293.5
75°	1790.0	1115.9	823.4	530.9	410.7	289.5	278.5	267.4	263.4	258.4	252.4
77.5°	1328.2	923.6	692.2	460.8	351.6	242.4	231.4	219.4	218.4	216.4	211.4
80°	861.4	668.1	494.8	321.5	256.4	190.3	181.3	171.3	172.3	173.3	169.3
82.5°	478.8	389.7	302.5	215.4	175.3	135.2	131.2	126.2	129.2	131.2	126.2
85°	252.4	196.3	162.3	128.2	101.2	74.1	74.1	73.1	77.1	81.1	77.1
87.5°	109.2	69.1	59.1	48.1	27.0	5.0	6.0	6.0	8.0	10.0	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: P320459

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

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: P320459

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8
2.5°	6900.6	6827.5	6753.3	6672.2	6687.2	6625.1	6563.0	6524.0	6484.9	6472.9	6460.9
5°	5576.4	5493.2	5409.1	5334.0	5399.1	5355.0	5310.9	5304.9	5297.9	5297.9	5296.9
7.5°	4125.9	4036.8	3946.6	3884.5	3948.6	3940.6	3932.6	3975.7	4018.7	4053.8	4087.9
10°	3352.6	3244.4	3135.3	3043.1	3027.1	2981.0	2933.9	2943.9	2953.0	2991.0	3029.1
12.5°	2913.9	2784.7	2655.5	2547.3	2498.2	2422.1	2344.9	2296.9	2248.8	2253.8	2257.8
15°	2414.1	2288.8	2162.6	2069.5	2038.4	1979.3	1920.2	1860.1	1799.0	1774.0	1747.9
17.5°	1846.1	1745.9	1644.8	1582.7	1582.7	1565.6	1548.6	1518.6	1487.5	1462.5	1436.4
20°	1353.3	1300.2	1246.1	1220.0	1228.1	1229.1	1229.1	1244.1	1259.1	1251.1	1243.1
22.5°	1119.9	1100.8	1081.8	1070.8	1074.8	1075.8	1076.8	1090.8	1103.9	1113.9	1122.9
25°	1010.7	998.7	986.7	982.7	991.7	992.7	992.7	1001.7	1010.7	1020.7	1030.7
27.5°	925.6	920.5	915.5	908.5	917.5	917.5	916.5	926.6	935.6	944.6	952.6
30°	844.4	846.4	847.4	845.4	851.4	855.4	858.4	865.5	871.5	878.5	885.5
32.5°	787.3	784.3	781.3	779.3	792.3	799.3	806.4	813.4	819.4	822.4	825.4
35°	732.2	725.2	718.2	713.2	725.2	734.2	743.2	756.3	768.3	770.3	772.3
37.5°	695.2	686.2	677.1	671.1	676.1	680.1	684.1	698.2	712.2	720.2	727.2
40°	660.1	651.1	642.1	637.1	640.1	641.1	642.1	649.1	655.1	670.1	684.1
42.5°	632.1	621.0	610.0	604.0	606.0	608.0	609.0	608.0	607.0	621.0	635.1
45°	604.0	592.0	580.0	573.0	574.0	574.0	574.0	572.0	569.0	576.0	583.0
47.5°	582.0	568.0	553.9	546.9	544.9	542.9	540.9	539.9	537.9	542.9	546.9
50°	559.9	544.9	528.9	520.9	515.9	513.9	511.9	510.9	508.9	513.9	517.9
52.5°	542.9	524.9	506.9	493.8	488.8	485.8	482.8	483.8	483.8	485.8	486.8
55°	512.9	496.8	479.8	470.8	461.8	459.8	457.8	460.8	462.8	462.8	462.8
57.5°	479.8	464.8	448.8	442.7	434.7	434.7	433.7	437.7	440.7	442.7	444.7
60°	450.8	433.7	416.7	411.7	408.7	407.7	406.7	411.7	415.7	419.7	423.7
62.5°	423.7	405.7	387.7	381.6	380.6	381.6	381.6	386.6	390.7	394.7	398.7
65°	393.7	375.6	356.6	350.6	352.6	355.6	358.6	362.6	365.6	369.6	373.6
67.5°	360.6	345.6	329.6	323.5	324.5	328.6	332.6	335.6	337.6	341.6	345.6
70°	324.5	311.5	298.5	294.5	293.5	298.5	302.5	304.5	306.5	311.5	315.5
72.5°	285.5	274.5	263.4	260.4	261.4	264.4	267.4	270.5	272.5	277.5	281.5
75°	245.4	235.4	225.4	223.4	225.4	228.4	231.4	233.4	235.4	241.4	246.4
77.5°	206.3	195.3	183.3	182.3	185.3	188.3	190.3	193.3	196.3	204.3	212.4
80°	165.3	153.3	140.2	139.2	142.2	145.2	148.2	151.3	154.3	164.3	173.3
82.5°	121.2	107.2	93.2	91.2	101.2	104.2	107.2	112.2	116.2	125.2	134.2
85°	73.1	59.1	45.1	44.1	53.1	58.1	63.1	69.1	74.1	82.1	90.2
87.5°	8.0	4.0	0.0	0.0	1.0	5.0	9.0	14.0	19.0	27.0	34.1
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: P320459
 CATALOG NUMBER: GAN-SA5D-827-U-SLL

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: P320459

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

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8
2.5°	6416.8	6371.7	6417.8	6462.9	6481.9	6500.9	6451.8	6401.8	6479.9	6557.0	6577.0
5°	5256.8	5215.8	5246.8	5276.9	5209.7	5142.6	5135.6	5127.6	5185.7	5243.8	5252.8
7.5°	4074.8	4061.8	4090.9	4119.9	4034.8	3948.6	3906.6	3864.5	3878.5	3892.5	3890.5
10°	3038.1	3046.1	3082.2	3117.2	3051.1	2985.0	2956.0	2926.9	2959.0	2990.0	3019.1
12.5°	2275.8	2292.9	2330.9	2368.0	2340.9	2312.9	2315.9	2318.9	2356.0	2392.0	2424.1
15°	1768.0	1788.0	1815.0	1841.1	1842.1	1842.1	1868.1	1893.2	1890.2	1887.2	1909.2
17.5°	1463.5	1489.5	1492.5	1495.5	1496.5	1497.5	1495.5	1493.5	1478.5	1463.5	1480.5
20°	1253.1	1262.1	1270.1	1277.1	1268.1	1258.1	1233.1	1208.0	1198.0	1188.0	1204.0
22.5°	1139.9	1155.9	1147.9	1138.9	1120.9	1101.9	1082.8	1062.8	1061.8	1059.8	1068.8
25°	1044.8	1057.8	1043.8	1029.7	1016.7	1003.7	990.7	977.6	976.6	975.6	979.6
27.5°	965.6	977.6	964.6	951.6	940.6	929.6	919.5	909.5	907.5	905.5	906.5
30°	897.5	908.5	897.5	885.5	877.5	868.5	861.4	854.4	853.4	852.4	852.4
32.5°	836.4	847.4	839.4	831.4	824.4	817.4	812.4	807.4	802.3	797.3	786.3
35°	783.3	794.3	789.3	783.3	775.3	767.3	758.3	748.3	735.2	721.2	715.2
37.5°	738.2	749.3	744.2	739.2	728.2	717.2	701.2	684.1	680.1	675.1	674.1
40°	702.2	719.2	709.2	698.2	681.1	664.1	656.1	648.1	646.1	644.1	642.1
42.5°	662.1	688.2	670.1	652.1	636.1	620.0	618.0	616.0	615.0	614.0	614.0
45°	612.0	640.1	622.0	603.0	594.0	585.0	585.0	585.0	586.0	586.0	588.0
47.5°	564.9	582.0	573.0	563.9	558.9	553.9	554.9	555.9	558.9	560.9	566.0
50°	524.9	530.9	532.9	533.9	530.9	527.9	529.9	530.9	533.9	535.9	539.9
52.5°	495.8	504.8	504.8	503.8	503.8	503.8	505.8	507.9	510.9	513.9	517.9
55°	476.8	489.8	485.8	481.8	482.8	482.8	484.8	486.8	489.8	491.8	497.8
57.5°	458.8	472.8	468.8	464.8	464.8	464.8	465.8	466.8	469.8	471.8	475.8
60°	437.7	451.8	447.8	442.7	443.7	444.7	445.7	445.7	447.8	448.8	448.8
62.5°	412.7	426.7	422.7	417.7	420.7	422.7	422.7	422.7	424.7	425.7	422.7
65°	386.6	399.7	395.7	391.7	395.7	398.7	400.7	401.7	400.7	399.7	396.7
67.5°	358.6	371.6	367.6	362.6	367.6	371.6	375.6	378.6	375.6	372.6	368.6
70°	328.6	341.6	336.6	331.6	336.6	341.6	345.6	349.6	345.6	341.6	340.6
72.5°	296.5	311.5	305.5	299.5	305.5	311.5	313.5	315.5	312.5	309.5	307.5
75°	261.4	276.5	271.5	265.4	270.5	275.5	276.5	277.5	277.5	276.5	270.5
77.5°	224.4	236.4	233.4	230.4	233.4	236.4	236.4	236.4	237.4	237.4	229.4
80°	180.3	187.3	188.3	189.3	190.3	191.3	190.3	189.3	187.3	185.3	180.3
82.5°	134.2	134.2	142.2	149.3	149.3	148.2	147.2	145.2	141.2	136.2	125.2
85°	85.1	80.1	93.2	105.2	105.2	104.2	102.2	99.2	91.2	82.1	73.1
87.5°	29.0	24.0	37.1	50.1	51.1	51.1	49.1	47.1	39.1	30.1	23.0
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: P320459
 CATALOG NUMBER: GAN-SA5D-827-U-SLL

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: P320459

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

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8
2.5°	6607.1	6620.1	6632.1	6730.3	6827.5	6941.7	7055.8	7143.0	7229.1	7318.3	7407.4
5°	5283.9	5299.9	5315.9	5435.1	5553.3	5712.6	5871.9	6009.1	6146.3	6307.6	6468.9
7.5°	3916.6	3951.6	3985.7	4112.9	4239.1	4410.4	4580.7	4760.0	4938.3	5148.6	5359.0
10°	3076.2	3142.3	3207.4	3337.6	3467.8	3637.1	3805.4	3992.7	4180.0	4387.4	4593.7
12.5°	2490.2	2578.3	2665.5	2821.7	2978.0	3180.3	3381.7	3590.0	3797.4	3979.7	4162.0
15°	1967.3	2063.5	2158.6	2323.9	2489.2	2711.6	2932.9	3160.3	3386.7	3605.1	3823.4
17.5°	1534.6	1613.7	1691.8	1832.1	1971.3	2186.7	2402.0	2640.4	2878.8	3145.3	3410.7
20°	1238.1	1271.1	1304.2	1405.4	1505.5	1680.8	1855.1	2098.5	2341.9	2660.5	2979.0
22.5°	1084.8	1101.9	1117.9	1167.0	1215.0	1328.2	1440.4	1655.8	1870.1	2217.7	2564.3
25°	992.7	1005.7	1018.7	1050.8	1082.8	1136.9	1191.0	1342.3	1493.5	1835.1	2175.7
27.5°	909.5	929.6	948.6	963.6	977.6	1014.7	1050.8	1149.9	1249.1	1567.6	1885.2
30°	849.4	856.4	863.5	886.5	908.5	946.6	984.7	1053.8	1122.9	1392.3	1660.8
32.5°	779.3	789.3	799.3	823.4	847.4	882.5	917.5	973.6	1028.7	1259.1	1488.5
35°	716.2	726.2	736.2	760.3	783.3	821.4	858.4	905.5	951.6	1151.9	1352.3
37.5°	677.1	687.2	697.2	718.2	738.2	776.3	813.4	850.4	886.5	1071.8	1257.1
40°	644.1	654.1	664.1	684.1	703.2	740.2	776.3	807.4	838.4	1011.7	1185.0
42.5°	615.0	626.1	637.1	657.1	676.1	709.2	742.2	783.3	823.4	959.6	1094.8
45°	591.0	602.0	612.0	634.1	656.1	688.2	720.2	777.3	834.4	932.6	1030.7
47.5°	569.0	581.0	592.0	616.0	640.1	680.1	719.2	767.3	814.4	911.5	1008.7
50°	547.9	561.9	576.0	605.0	633.1	700.2	766.3	773.3	779.3	894.5	1008.7
52.5°	527.9	543.9	559.9	596.0	631.1	709.2	787.3	762.3	736.2	862.4	988.7
55°	507.9	521.9	534.9	579.0	623.0	680.1	737.2	704.2	670.1	802.3	934.6
57.5°	480.8	495.8	509.9	556.9	604.0	644.1	683.1	653.1	622.0	734.2	845.4
60°	452.8	469.8	486.8	546.9	606.0	599.0	591.0	585.0	578.0	658.1	738.2
62.5°	427.7	445.7	463.8	541.9	620.0	572.0	523.9	528.9	532.9	592.0	651.1
65°	402.7	420.7	437.7	476.8	515.9	496.8	477.8	485.8	492.8	550.9	609.0
67.5°	374.6	390.7	405.7	418.7	431.7	433.7	435.7	443.7	451.8	520.9	589.0
70°	343.6	356.6	369.6	378.6	386.6	390.7	393.7	403.7	413.7	488.8	563.9
72.5°	308.5	319.5	329.6	337.6	345.6	348.6	350.6	360.6	370.6	450.8	530.9
75°	270.5	279.5	287.5	294.5	301.5	305.5	309.5	316.5	323.5	410.7	496.8
77.5°	228.4	237.4	245.4	251.4	256.4	260.4	263.4	272.5	281.5	354.6	426.7
80°	178.3	189.3	199.3	204.3	208.3	209.4	209.4	217.4	225.4	277.5	328.6
82.5°	126.2	138.2	149.3	153.3	157.3	157.3	157.3	166.3	175.3	210.4	244.4
85°	74.1	87.1	99.2	103.2	107.2	109.2	110.2	114.2	117.2	142.2	166.3
87.5°	23.0	34.1	44.1	46.1	48.1	52.1	56.1	57.1	57.1	74.1	91.2
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: P320459
 CATALOG NUMBER: GAN-SA5D-827-U-SLL

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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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8	7632.8
2.5°	7509.6	7611.8	7731.0	7849.2	7950.4	8051.5	8135.7
5°	6674.2	6879.6	7131.0	7381.4	7604.8	7828.1	8087.6
7.5°	5624.4	5889.9	6215.4	6541.0	6856.5	7171.0	7569.7
10°	4864.2	5133.6	5478.2	5821.8	6176.4	6530.0	6980.7
12.5°	4381.4	4599.7	4933.3	5266.8	5683.5	6099.2	6533.0
15°	4062.8	4301.2	4625.8	4950.3	5406.1	5861.8	6360.7
17.5°	3723.3	4034.8	4450.5	4866.2	5406.1	5945.0	6533.0
20°	3367.7	3755.3	4294.2	4833.1	5560.3	6286.6	7036.8
22.5°	3013.1	3461.8	4153.0	4843.1	5793.7	6743.3	7756.0
25°	2693.5	3211.4	4066.8	4921.3	6133.3	7344.3	8600.4
27.5°	2451.1	3016.1	4031.8	5046.5	6564.0	8081.6	9519.0
30°	2235.8	2810.7	3989.7	5168.7	6978.7	8787.8	10237.2
32.5°	2049.4	2610.4	3908.6	5205.7	7268.2	9330.7	10845.2
35°	1903.2	2454.1	3772.3	5090.5	7449.5	9808.5	11478.3
37.5°	1777.0	2296.9	3617.1	4937.3	7610.8	10284.3	12190.5
40°	1656.8	2128.6	3483.9	4838.1	7833.2	10828.2	12942.7
42.5°	1542.6	1990.3	3376.7	4763.0	8039.5	11315.0	13600.8
45°	1457.4	1884.2	3281.5	4677.9	8172.7	11667.6	14096.7
47.5°	1415.4	1821.1	3230.4	4638.8	8305.9	11972.1	14508.4
50°	1409.4	1810.0	3288.5	4767.0	8594.4	12420.9	14979.2
52.5°	1408.4	1828.1	3455.8	5083.5	9130.3	13176.1	15489.0
55°	1387.3	1839.1	3655.1	5470.2	9849.5	14227.9	16405.6
57.5°	1323.2	1801.0	3860.5	5918.9	10609.8	15299.7	17438.3
60°	1224.1	1708.9	4029.8	6349.7	11120.7	15890.7	17836.0
62.5°	1099.8	1547.6	4085.9	6623.1	11106.7	15590.2	17435.3
65°	993.7	1378.3	3901.6	6423.8	10544.7	14664.6	16643.0
67.5°	899.5	1209.0	3440.8	5671.5	9534.0	13395.5	15635.3
70°	831.4	1097.8	2846.8	4595.7	8268.9	11941.1	14468.3
72.5°	788.3	1044.8	2320.9	3596.0	6710.3	9823.5	12375.8
75°	729.2	961.6	1821.1	2679.5	5135.6	7591.7	9347.7
77.5°	619.0	810.4	1372.3	1934.2	3768.3	5601.4	6500.9
80°	477.8	626.1	943.6	1261.1	2593.4	3925.6	4432.4
82.5°	340.6	436.7	572.0	707.2	1722.9	2737.6	2779.7
85°	210.4	254.4	327.6	400.7	1139.9	1879.2	1565.6
87.5°	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
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



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

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)