

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: P320457

Luminaire Tested: **GAN-SA3D-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320457
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-SA3D-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 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: 15303 lumens
Efficiency: N/A
Efficacy: 80.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G4

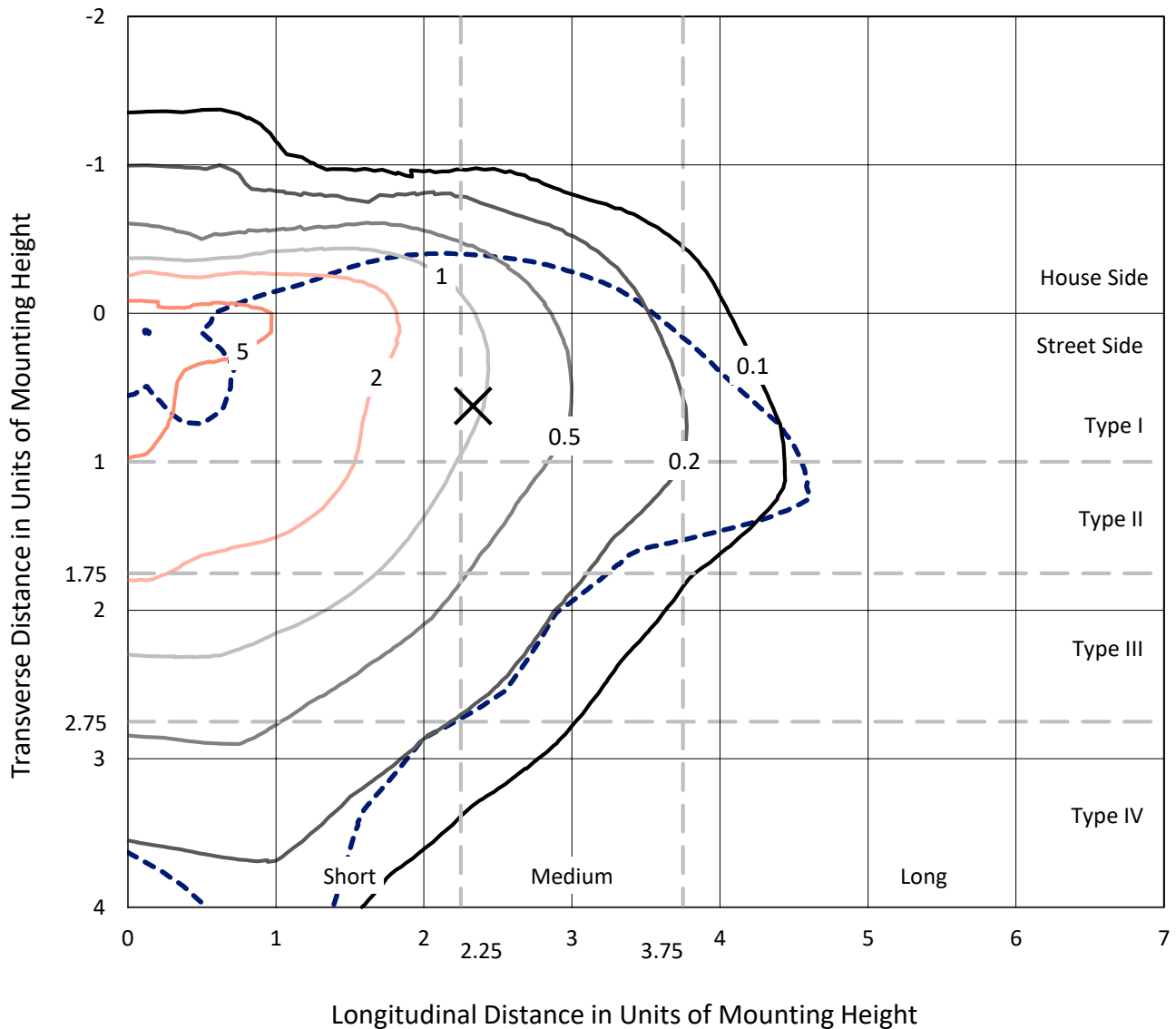
Input Watts (W): 191
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P320457
CATALOG NUMBER: GAN-SA3D-827-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

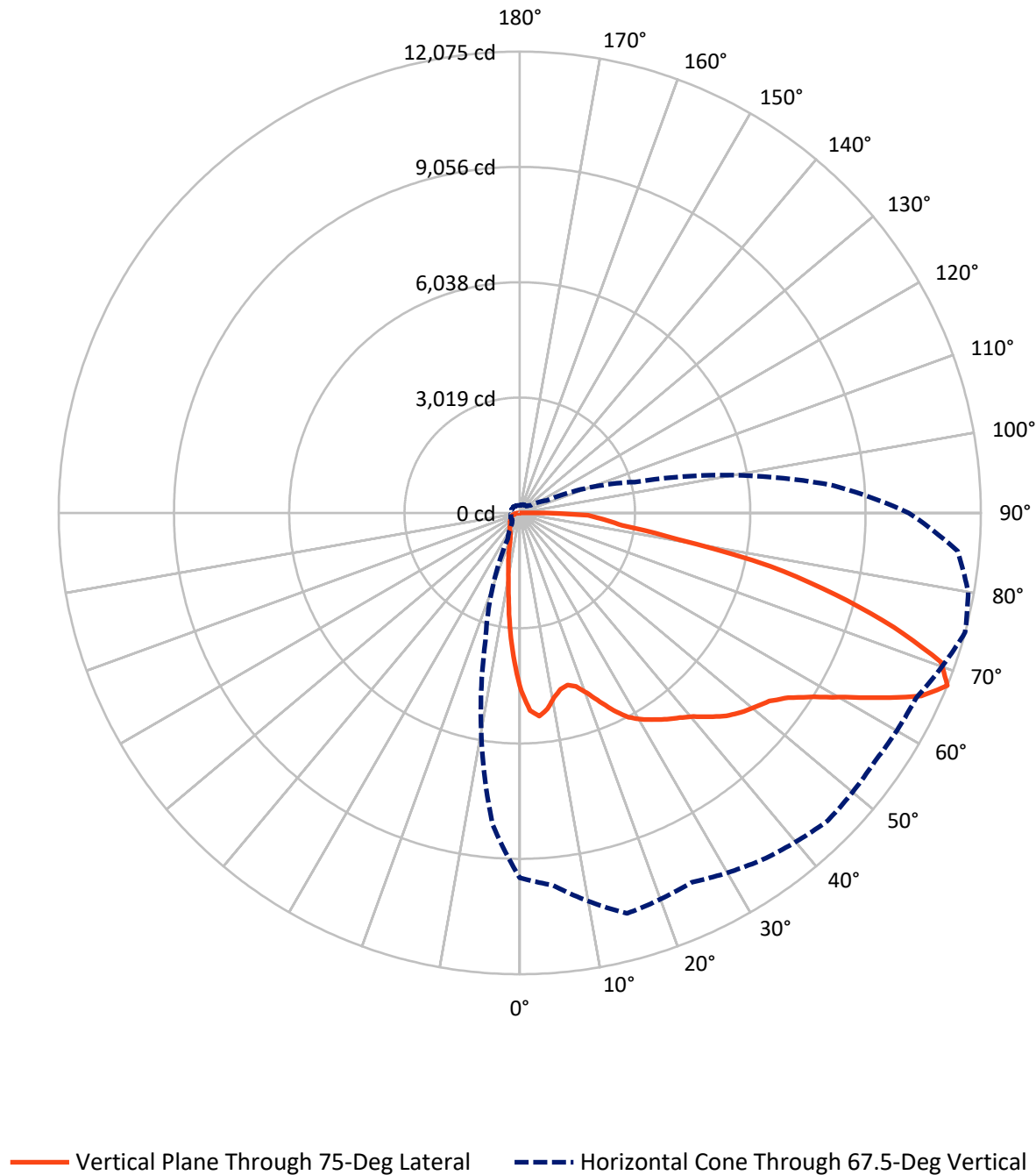
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.4 fc
Type III - Medium - N/A

REPORT NUMBER: P320457
CATALOG NUMBER: GAN-SA3D-827-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P320457

CATALOG NUMBER: GAN-SA3D-827-U-SLL

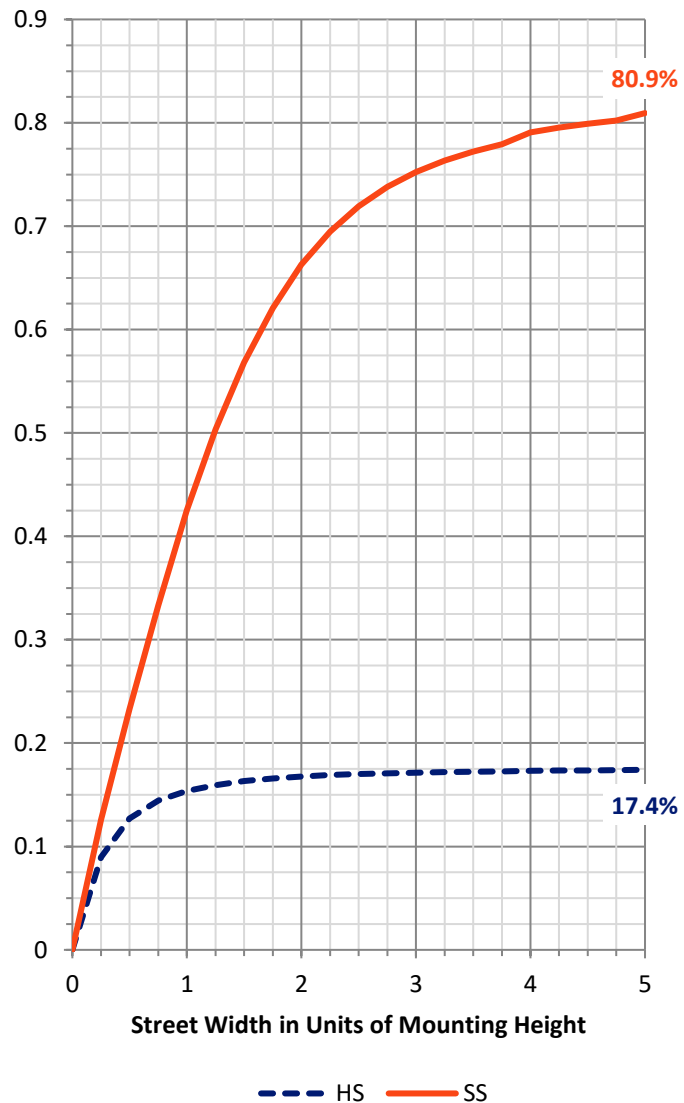
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2695.2	0.0	2695.2
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	12607.8	0.0	12607.8
	% Fixture	82.4	0.0	82.4
Total	Lumens	15303.0	0.0	15303.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	359.8	2.4
10°-20°	747.5	4.9
20°-30°	1063.1	6.9
30°-40°	1531.9	10.0
40°-50°	2158.9	14.1
50°-60°	3001.2	19.6
60°-70°	3629.3	23.7
70°-80°	2230.9	14.6
80°-90°	580.5	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°	15303.0	100.0
0°-180°	15303.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320457

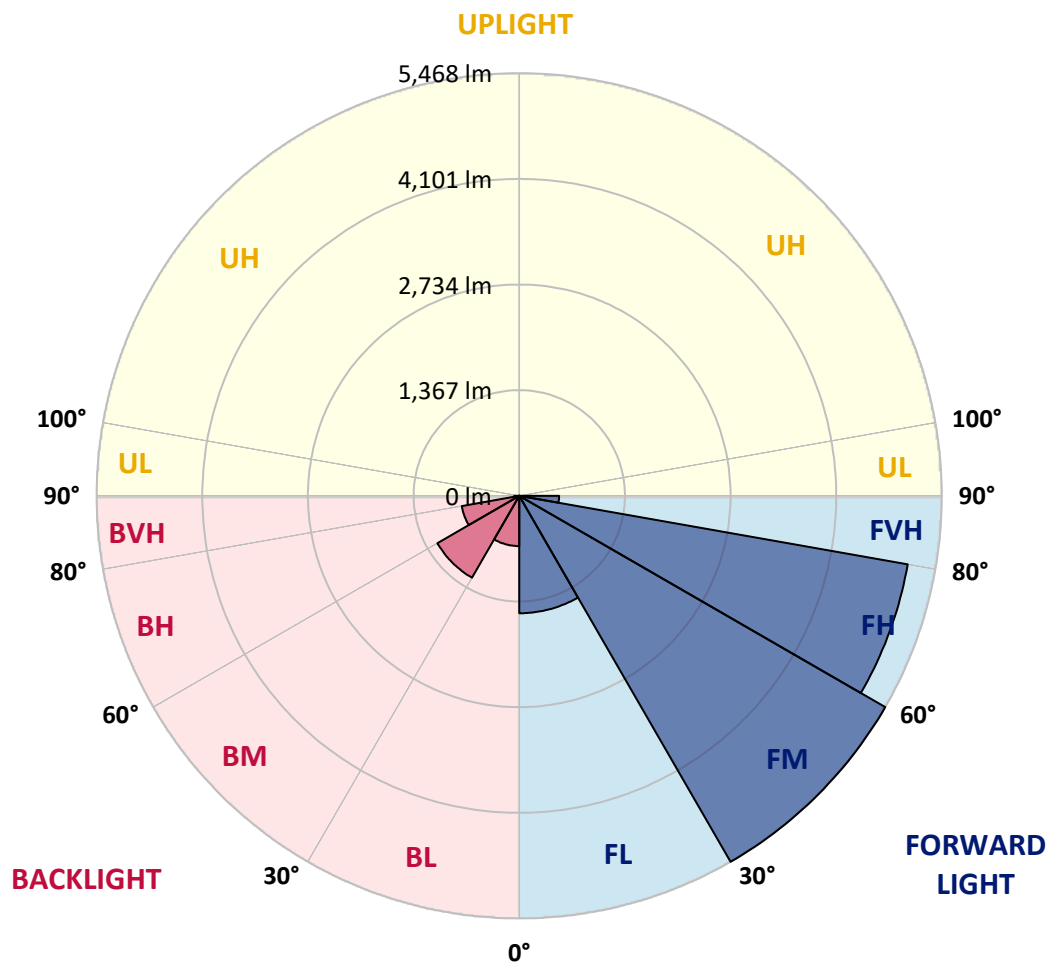
CATALOG NUMBER: GAN-SA3D-827-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1519.4	9.9			
FM	(30°-60°)	5468.5	35.7			
FH	(60°-80°)	5104.6	33.4			G3/7500
FVH	(80°-90°)	515.3	3.4			G4/750
BL	(0°-30°)	650.9	4.3	B2/1000		
BM	(30°-60°)	1223.4	8.0	B2/2500		
BH	(60°-80°)	755.6	4.9	B2/1000		G2/1000
BVH	(80°-90°)	65.2	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4

Type III Medium





REPORT NUMBER: P320457

CATALOG NUMBER: GAN-SA3D-827-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1
2.5°	4969.3	5034.7	5080.0	5124.7	5159.5	5193.8	5244.0	5294.1	5303.9	5313.1	5293.5
5°	4939.9	5099.6	5235.4	5370.6	5496.1	5621.5	5696.7	5772.0	5787.3	5802.6	5755.5
7.5°	4623.6	4859.1	5094.7	5330.2	5546.2	5762.2	5893.7	6024.7	6054.7	6084.0	6006.9
10°	4263.8	4537.9	4827.3	5116.7	5401.2	5685.7	5876.0	6066.3	6104.2	6142.1	6046.1
12.5°	3990.3	4289.5	4598.5	4907.5	5207.9	5507.7	5704.7	5901.7	5948.8	5995.9	5926.2
15°	3885.1	4213.0	4503.7	4794.3	5056.1	5317.4	5478.9	5639.8	5659.4	5678.4	5667.4
17.5°	3990.3	4351.9	4615.0	4877.5	5020.1	5162.0	5226.8	5291.1	5312.5	5333.3	5361.5
20°	4298.1	4688.4	4873.8	5058.6	5052.5	5045.7	5014.5	4982.7	4977.2	4971.7	5051.3
22.5°	4737.4	5190.8	5264.8	5338.2	5166.3	4994.4	4889.7	4784.5	4763.7	4742.3	4826.7
25°	5253.2	5735.9	5722.4	5708.4	5381.0	5053.1	4853.6	4654.2	4630.9	4607.7	4679.9
27.5°	5814.2	6275.5	6187.4	6099.3	5654.5	5209.7	4920.3	4630.9	4607.7	4584.4	4648.1
30°	6252.9	6671.4	6530.0	6388.7	5885.2	5381.6	5037.8	4693.9	4656.0	4617.5	4695.8
32.5°	6624.3	6980.3	6790.7	6601.0	6072.4	5543.8	5171.8	4799.8	4740.4	4681.1	4785.7
35°	7010.9	7288.7	7022.0	6754.6	6239.4	5723.7	5330.2	4936.2	4863.4	4790.6	4934.4
37.5°	7445.9	7676.6	7293.6	6910.0	6427.3	5944.5	5567.6	5190.1	5115.5	5040.9	5224.4
40°	7905.4	8097.5	7586.7	7075.8	6632.8	6189.9	5896.2	5601.9	5530.9	5459.3	5682.0
42.5°	8307.4	8447.5	7859.5	7271.6	6880.6	6489.0	6282.3	6074.8	6074.2	6073.0	6298.8
45°	8610.3	8732.0	8087.1	7441.7	7122.3	6802.3	6694.6	6586.9	6673.2	6759.5	6963.8
47.5°	8861.7	8944.3	8278.0	7611.1	7398.8	7186.5	7202.4	7218.3	7393.9	7569.5	7701.1
50°	9149.3	9082.6	8451.2	7819.2	7753.7	7688.2	7831.4	7974.0	8175.9	8377.2	8466.5
52.5°	9460.7	9283.9	8686.1	8087.8	8161.2	8234.6	8525.8	8817.1	9020.8	9224.5	9258.2
55°	10020.5	9749.5	9118.1	8486.1	8627.4	8768.1	9195.8	9622.8	9781.9	9941.0	9953.2
57.5°	10651.3	10410.9	9723.2	9035.5	9187.2	9338.9	9832.7	10325.8	10497.7	10669.1	10645.2
60°	10894.2	10905.8	10297.7	9688.9	9841.9	9994.8	10475.7	10956.6	11154.2	11351.2	11298.6
62.5°	10649.5	10936.4	10611.5	10286.1	10424.9	10563.2	11034.3	11505.4	11707.9	11910.5	11818.7
65°	10165.5	10450.0	10595.6	10741.3	10787.1	10833.0	11272.9	11712.2	11867.6	12022.4	11975.9
67.5°	9550.0	9780.1	10317.3	10853.8	10761.4	10669.1	10875.2	11081.4	11241.1	11400.8	11374.5
70°	8837.2	9111.3	9827.8	10544.2	10090.3	9635.7	9550.6	9465.6	9638.1	9810.1	9703.6
72.5°	7559.1	7972.7	8736.9	9500.5	8664.1	7827.7	7537.1	7246.5	7464.9	7683.3	7513.9
75°	5709.6	6258.4	7102.7	7946.4	6948.5	5950.6	5562.7	5174.8	5362.7	5550.5	5434.3
77.5°	3970.8	4659.1	5490.5	6322.0	5307.6	4292.6	4004.4	3715.6	3771.9	3827.6	3808.0
80°	2707.3	3160.1	3740.1	4319.5	3644.0	2968.6	2991.2	3013.3	2986.9	2960.0	2999.2
82.5°	1697.8	2016.6	2464.4	2911.7	2553.2	2194.6	2400.2	2605.8	2504.8	2403.3	2441.2
85°	956.3	1150.8	1588.9	2026.4	1888.7	1750.4	1871.0	1990.9	1834.3	1677.6	1746.8
87.5°	182.3	303.5	879.2	1454.3	1320.3	1186.3	1030.9	875.5	668.1	460.7	673.0
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: P320457
 CATALOG NUMBER: GAN-SA3D-827-U-SLL

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



REPORT NUMBER: P320457

CATALOG NUMBER: GAN-SA3D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1
2.5°	5274.0	5263.6	5253.2	5215.8	5177.9	5121.6	5075.1	4994.4	4950.3	4883.6	4816.9
5°	5707.7	5641.7	5575.6	5461.8	5347.4	5220.1	5073.9	4911.8	4789.4	4630.3	4471.2
7.5°	5929.8	5775.7	5620.9	5402.4	5183.4	4986.4	4755.1	4539.8	4356.2	4149.4	3942.6
10°	5950.0	5718.8	5486.9	5203.0	4918.5	4679.3	4413.1	4173.9	3953.6	3716.2	3478.2
12.5°	5855.8	5609.9	5363.3	5050.6	4737.4	4465.7	4179.4	3911.4	3667.3	3406.0	3144.2
15°	5656.4	5460.0	5262.9	4969.9	4676.8	4402.7	4124.9	3807.4	3531.5	3264.1	2996.1
17.5°	5389.0	5296.0	5202.4	4990.7	4778.4	4541.0	4271.8	3899.2	3576.1	3285.5	2994.9
20°	5130.2	5164.4	5198.1	5113.7	5029.2	4838.9	4604.0	4185.5	3773.1	3393.2	3012.6
22.5°	4910.5	5075.1	5239.1	5304.6	5369.4	5255.0	5071.4	4587.5	4041.7	3545.5	3049.4
25°	4751.5	5024.3	5297.2	5515.0	5732.2	5681.4	5540.1	5075.7	4397.8	3765.2	3131.9
27.5°	4711.7	5046.4	5381.0	5718.8	6055.9	6103.0	6063.8	5590.3	4822.4	4038.1	3253.1
30°	4774.1	5113.0	5451.4	5862.5	6273.1	6460.9	6513.5	6019.2	5307.6	4356.2	3404.2
32.5°	4890.3	5222.6	5554.8	6002.6	6449.9	6733.8	6901.4	6411.3	5646.0	4596.1	3545.5
35°	5078.2	5389.0	5699.8	6166.0	6632.2	6999.3	7305.2	6816.4	5946.4	4763.7	3580.4
37.5°	5407.3	5674.7	5942.1	6372.8	6802.9	7278.9	7738.4	7262.4	6271.2	4925.2	3578.6
40°	5904.8	6093.8	6282.3	6646.3	7009.7	7608.7	8229.1	7759.8	6630.4	5100.2	3570.0
42.5°	6524.5	6621.8	6718.5	7006.7	7294.8	7953.2	8674.5	8246.2	6973.0	5262.9	3552.9
45°	7167.6	7193.3	7219.0	7400.7	7581.8	8226.0	8978.0	8611.5	7272.2	5404.3	3535.8
47.5°	7832.0	7743.9	7655.8	7728.0	7800.2	8435.3	9194.6	8888.6	7572.6	5560.9	3548.6
50°	8555.8	8310.5	8065.1	8027.2	7989.3	8644.5	9449.7	9241.1	7933.6	5789.1	3644.7
52.5°	9291.2	8886.8	8482.4	8332.5	8182.0	8894.1	9788.0	9679.7	8448.7	6142.8	3836.2
55°	9965.5	9450.9	8936.4	8734.5	8532.6	9275.9	10201.0	10324.0	9108.9	6594.9	4080.3
57.5°	10620.7	10037.7	9454.6	9267.4	9080.1	9837.0	10724.1	10902.2	9775.8	7028.7	4281.0
60°	11246.0	10669.1	10091.5	9941.6	9791.1	10534.5	11289.5	11159.7	10119.6	7231.8	4343.4
62.5°	11726.9	11268.0	10809.2	10730.2	10650.7	11239.9	11723.9	11059.4	9901.2	7031.7	4162.3
65°	11929.4	11668.2	11406.3	11480.3	11553.8	11773.4	11832.1	10765.7	9214.7	6471.3	3727.9
67.5°	11347.6	11400.8	11454.0	11764.8	12075.0	11923.9	11510.3	10186.9	8237.7	5677.2	3116.7
70°	9596.5	9915.9	10234.7	10970.1	11704.9	11369.6	10648.3	9148.1	7061.7	4762.5	2462.6
72.5°	7343.8	7702.9	8061.4	9152.9	10243.8	9934.9	9051.4	7513.9	5661.9	3803.1	1943.8
75°	5317.4	5723.0	6128.1	7332.1	8536.2	8107.3	6770.5	5379.8	4300.5	2903.1	1505.1
77.5°	3787.8	4059.5	4331.1	5520.5	6709.3	6010.6	4506.7	3620.2	2976.5	2017.8	1058.5
80°	3038.3	2955.1	2871.9	3534.5	4197.1	4080.9	2980.8	2324.9	2060.0	1352.1	644.3
82.5°	2478.5	2275.4	2072.3	2384.3	2696.3	2679.2	2068.6	1705.8	1533.2	939.8	346.3
85°	1815.3	1733.9	1652.5	1928.5	2204.4	1968.9	1401.1	1084.2	1195.5	692.0	188.4
87.5°	885.3	1011.4	1136.8	1462.3	1787.2	1341.7	425.2	210.5	291.2	191.5	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: P320457
 CATALOG NUMBER: GAN-SA3D-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: P320457

CATALOG NUMBER: GAN-SA3D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1
2.5°	4767.4	4717.2	4660.3	4603.4	4538.5	4473.1	4434.5	4395.4	4353.2	4310.9	4263.2
5°	4366.0	4260.8	4141.5	4022.2	3904.1	3786.0	3722.4	3658.7	3591.4	3523.5	3464.8
7.5°	3789.7	3636.1	3470.9	3305.1	3158.3	3010.8	2919.6	2827.9	2744.7	2660.8	2590.5
10°	3282.5	3086.7	2920.9	2754.5	2643.7	2533.0	2449.1	2365.3	2284.6	2203.2	2125.5
12.5°	2948.4	2752.6	2647.4	2542.1	2450.4	2358.6	2261.9	2164.6	2053.9	1942.6	1861.2
15°	2818.1	2640.0	2523.2	2405.7	2282.7	2159.1	2040.4	1921.8	1790.8	1659.9	1567.5
17.5°	2761.8	2528.7	2365.3	2201.4	2039.2	1877.1	1739.4	1601.8	1458.6	1315.4	1221.8
20°	2702.4	2392.2	2173.2	1953.6	1745.5	1537.5	1381.5	1225.5	1097.6	969.7	898.2
22.5°	2648.6	2247.2	1972.5	1697.2	1451.3	1205.3	1052.3	898.8	820.5	742.1	713.4
25°	2626.6	2120.6	1782.9	1445.1	1185.7	925.7	816.8	707.9	677.9	647.3	632.6
27.5°	2630.2	2007.4	1623.2	1238.3	1004.6	770.9	696.3	621.6	603.3	584.3	575.1
30°	2644.3	1884.4	1472.7	1060.9	868.2	675.5	627.1	578.2	558.6	539.0	527.4
32.5°	2660.2	1774.3	1356.4	937.9	780.7	622.8	583.1	542.7	523.7	504.8	493.1
35°	2632.7	1684.4	1276.9	869.4	724.4	578.8	545.1	510.9	490.1	469.3	458.3
37.5°	2586.2	1593.8	1215.1	835.8	687.7	539.0	514.5	489.5	468.0	446.0	435.6
40°	2544.0	1517.3	1169.2	820.5	667.5	513.9	493.1	472.3	450.3	427.7	415.4
42.5°	2509.7	1465.9	1123.9	781.9	649.1	515.8	486.4	456.4	435.0	413.6	400.1
45°	2484.0	1432.3	1088.4	744.6	632.0	519.4	482.1	444.8	423.4	401.4	385.5
47.5°	2481.6	1414.5	1063.4	712.2	599.6	486.4	471.1	455.8	424.6	392.8	374.4
50°	2515.2	1385.8	1034.0	681.6	568.4	455.2	476.0	496.2	443.0	389.1	365.9
52.5°	2585.6	1335.0	987.5	640.0	530.5	420.3	452.8	484.6	438.7	392.2	362.2
55°	2670.6	1260.4	917.1	573.3	480.3	386.7	415.4	443.6	414.8	385.5	349.4
57.5°	2723.9	1166.1	828.4	490.7	424.0	357.3	373.8	389.7	378.1	366.5	329.8
60°	2692.0	1040.7	728.7	416.0	374.4	332.8	329.8	326.1	343.2	360.4	318.2
62.5°	2536.6	911.0	640.6	370.2	339.0	307.1	300.4	293.1	321.2	348.7	304.1
65°	2274.2	820.5	584.9	349.4	314.5	279.6	272.3	264.9	273.5	282.1	261.3
67.5°	1940.7	764.8	553.1	341.4	299.2	256.4	247.8	239.2	237.4	235.6	228.2
70°	1596.9	730.5	532.3	334.1	282.7	230.7	222.7	214.8	212.3	209.2	203.7
72.5°	1335.0	726.2	529.8	333.4	269.2	205.0	197.6	190.3	187.2	183.5	179.3
75°	1093.3	681.6	502.9	324.3	250.8	176.8	170.1	163.4	160.9	157.9	154.2
77.5°	811.3	564.1	422.8	281.4	214.8	148.1	141.3	134.0	133.4	132.2	129.1
80°	526.2	408.1	302.2	196.4	156.6	116.2	110.7	104.6	105.2	105.8	103.4
82.5°	292.5	238.0	184.8	131.5	107.1	82.6	80.1	77.1	78.9	80.1	77.1
85°	154.2	119.9	99.1	78.3	61.8	45.3	45.3	44.7	47.1	49.6	47.1
87.5°	66.7	42.2	36.1	29.4	16.5	3.1	3.7	3.7	4.9	6.1	5.5
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: P320457
 CATALOG NUMBER: GAN-SA3D-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: P320457

CATALOG NUMBER: GAN-SA3D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1
2.5°	4214.9	4170.2	4124.9	4075.4	4084.6	4046.6	4008.7	3984.8	3961.0	3953.6	3946.3
5°	3406.0	3355.3	3303.9	3258.0	3297.8	3270.8	3243.9	3240.2	3236.0	3236.0	3235.3
7.5°	2520.1	2465.7	2410.6	2372.7	2411.8	2406.9	2402.0	2428.3	2454.7	2476.1	2496.9
10°	2047.8	1981.7	1915.0	1858.7	1848.9	1820.8	1792.0	1798.2	1803.7	1826.9	1850.2
12.5°	1779.8	1700.9	1622.0	1555.9	1525.9	1479.4	1432.3	1402.9	1373.6	1376.6	1379.1
15°	1474.5	1398.0	1320.9	1264.0	1245.1	1209.0	1172.9	1136.2	1098.8	1083.5	1067.6
17.5°	1127.6	1066.4	1004.6	966.7	966.7	956.3	945.9	927.5	908.6	893.3	877.4
20°	826.6	794.2	761.1	745.2	750.1	750.7	750.7	759.9	769.1	764.2	759.3
22.5°	684.0	672.4	660.8	654.0	656.5	657.1	657.7	666.3	674.2	680.4	685.9
25°	617.3	610.0	602.7	600.2	605.7	606.3	606.3	611.8	617.3	623.5	629.6
27.5°	565.3	562.3	559.2	554.9	560.4	560.4	559.8	565.9	571.4	577.0	581.8
30°	515.8	517.0	517.6	516.4	520.1	522.5	524.3	528.6	532.3	536.6	540.9
32.5°	480.9	479.1	477.2	476.0	484.0	488.2	492.5	496.8	500.5	502.3	504.1
35°	447.2	443.0	438.7	435.6	443.0	448.5	454.0	461.9	469.3	470.5	471.7
37.5°	424.6	419.1	413.6	409.9	413.0	415.4	417.9	426.4	435.0	439.9	444.2
40°	403.2	397.7	392.2	389.1	391.0	391.6	392.2	396.5	400.1	409.3	417.9
42.5°	386.1	379.3	372.6	368.9	370.2	371.4	372.0	371.4	370.8	379.3	387.9
45°	368.9	361.6	354.2	350.0	350.6	350.6	350.6	349.4	347.5	351.8	356.1
47.5°	355.5	346.9	338.3	334.1	332.8	331.6	330.4	329.8	328.6	331.6	334.1
50°	342.0	332.8	323.0	318.2	315.1	313.9	312.6	312.0	310.8	313.9	316.3
52.5°	331.6	320.6	309.6	301.6	298.6	296.7	294.9	295.5	295.5	296.7	297.3
55°	313.3	303.5	293.1	287.6	282.1	280.8	279.6	281.4	282.7	282.7	282.7
57.5°	293.1	283.9	274.1	270.4	265.5	265.5	264.9	267.4	269.2	270.4	271.7
60°	275.3	264.9	254.5	251.5	249.6	249.0	248.4	251.5	253.9	256.4	258.8
62.5°	258.8	247.8	236.8	233.1	232.5	233.1	233.1	236.2	238.6	241.1	243.5
65°	240.4	229.4	217.8	214.1	215.4	217.2	219.0	221.5	223.3	225.8	228.2
67.5°	220.3	211.1	201.3	197.6	198.2	200.7	203.1	205.0	206.2	208.6	211.1
70°	198.2	190.3	182.3	179.9	179.3	182.3	184.8	186.0	187.2	190.3	192.7
72.5°	174.4	167.6	160.9	159.1	159.7	161.5	163.4	165.2	166.4	169.5	171.9
75°	149.9	143.8	137.7	136.4	137.7	139.5	141.3	142.6	143.8	147.5	150.5
77.5°	126.0	119.3	112.0	111.4	113.2	115.0	116.2	118.1	119.9	124.8	129.7
80°	101.0	93.6	85.7	85.0	86.9	88.7	90.6	92.4	94.2	100.3	105.8
82.5°	74.0	65.5	56.9	55.7	61.8	63.6	65.5	68.5	71.0	76.5	82.0
85°	44.7	36.1	27.5	26.9	32.4	35.5	38.5	42.2	45.3	50.2	55.1
87.5°	4.9	2.4	0.0	0.0	0.6	3.1	5.5	8.6	11.6	16.5	20.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320457
 CATALOG NUMBER: GAN-SA3D-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: P320457

CATALOG NUMBER: GAN-SA3D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1
2.5°	3919.4	3891.8	3920.0	3947.5	3959.1	3970.8	3940.8	3910.2	3957.9	4005.0	4017.3
5°	3210.9	3185.8	3204.8	3223.1	3182.1	3141.1	3136.8	3131.9	3167.4	3202.9	3208.4
7.5°	2488.9	2481.0	2498.7	2516.4	2464.4	2411.8	2386.1	2360.4	2369.0	2377.6	2376.3
10°	1855.7	1860.6	1882.6	1904.0	1863.6	1823.2	1805.5	1787.8	1807.3	1826.3	1844.1
12.5°	1390.1	1400.5	1423.7	1446.4	1429.8	1412.7	1414.5	1416.4	1439.0	1461.0	1480.6
15°	1079.9	1092.1	1108.6	1124.5	1125.2	1125.2	1141.1	1156.4	1154.5	1152.7	1166.1
17.5°	893.9	909.8	911.6	913.5	914.1	914.7	913.5	912.2	903.1	893.9	904.3
20°	765.4	770.9	775.8	780.1	774.6	768.5	753.2	737.9	731.7	725.6	735.4
22.5°	696.3	706.0	701.2	695.6	684.6	673.0	661.4	649.1	648.5	647.3	652.8
25°	638.1	646.1	637.5	629.0	621.0	613.1	605.1	597.1	596.5	595.9	598.4
27.5°	589.8	597.1	589.2	581.2	574.5	567.8	561.7	555.5	554.3	553.1	553.7
30°	548.2	554.9	548.2	540.9	536.0	530.5	526.2	521.9	521.3	520.7	520.7
32.5°	510.9	517.6	512.7	507.8	503.5	499.3	496.2	493.1	490.1	487.0	480.3
35°	478.4	485.2	482.1	478.4	473.6	468.7	463.2	457.0	449.1	440.5	436.8
37.5°	450.9	457.6	454.6	451.5	444.8	438.1	428.3	417.9	415.4	412.4	411.8
40°	428.9	439.3	433.2	426.4	416.0	405.6	400.7	395.9	394.6	393.4	392.2
42.5°	404.4	420.3	409.3	398.3	388.5	378.7	377.5	376.3	375.7	375.1	375.1
45°	373.8	391.0	379.9	368.3	362.8	357.3	357.3	357.3	357.9	357.9	359.1
47.5°	345.1	355.5	350.0	344.5	341.4	338.3	339.0	339.6	341.4	342.6	345.7
50°	320.6	324.3	325.5	326.1	324.3	322.4	323.7	324.3	326.1	327.3	329.8
52.5°	302.9	308.4	308.4	307.7	307.7	307.7	309.0	310.2	312.0	313.9	316.3
55°	291.2	299.2	296.7	294.3	294.9	294.9	296.1	297.3	299.2	300.4	304.1
57.5°	280.2	288.8	286.3	283.9	283.9	283.9	284.5	285.1	286.9	288.2	290.6
60°	267.4	275.9	273.5	270.4	271.0	271.7	272.3	272.3	273.5	274.1	274.1
62.5°	252.1	260.6	258.2	255.1	257.0	258.2	258.2	258.2	259.4	260.0	258.2
65°	236.2	244.1	241.7	239.2	241.7	243.5	244.7	245.3	244.7	244.1	242.3
67.5°	219.0	227.0	224.5	221.5	224.5	227.0	229.4	231.3	229.4	227.6	225.2
70°	200.7	208.6	205.6	202.5	205.6	208.6	211.1	213.5	211.1	208.6	208.0
72.5°	181.1	190.3	186.6	182.9	186.6	190.3	191.5	192.7	190.9	189.1	187.8
75°	159.7	168.9	165.8	162.1	165.2	168.3	168.9	169.5	169.5	168.9	165.2
77.5°	137.0	144.4	142.6	140.7	142.6	144.4	144.4	144.4	145.0	145.0	140.1
80°	110.1	114.4	115.0	115.6	116.2	116.9	116.2	115.6	114.4	113.2	110.1
82.5°	82.0	82.0	86.9	91.2	91.2	90.6	89.9	88.7	86.3	83.2	76.5
85°	52.0	48.9	56.9	64.2	64.2	63.6	62.4	60.6	55.7	50.2	44.7
87.5°	17.7	14.7	22.6	30.6	31.2	31.2	30.0	28.8	23.9	18.4	14.1
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: P320457
 CATALOG NUMBER: GAN-SA3D-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: P320457

CATALOG NUMBER: GAN-SA3D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1
2.5°	4035.6	4043.6	4050.9	4110.9	4170.2	4240.0	4309.7	4362.9	4415.6	4470.0	4524.5
5°	3227.4	3237.2	3247.0	3319.8	3392.0	3489.3	3586.5	3670.4	3754.2	3852.7	3951.2
7.5°	2392.2	2413.7	2434.5	2512.2	2589.3	2693.9	2797.9	2907.4	3016.3	3144.8	3273.3
10°	1878.9	1919.3	1959.1	2038.6	2118.1	2221.5	2324.3	2438.7	2553.2	2679.8	2805.8
12.5°	1521.0	1574.8	1628.1	1723.5	1819.0	1942.6	2065.5	2192.8	2319.4	2430.8	2542.1
15°	1201.6	1260.4	1318.5	1419.4	1520.4	1656.2	1791.4	1930.3	2068.6	2202.0	2335.3
17.5°	937.3	985.7	1033.4	1119.0	1204.1	1335.6	1467.2	1612.8	1758.4	1921.1	2083.3
20°	756.2	776.4	796.6	858.4	919.6	1026.6	1133.1	1281.8	1430.5	1625.0	1819.6
22.5°	662.6	673.0	682.8	712.8	742.1	811.3	879.8	1011.4	1142.3	1354.6	1566.3
25°	606.3	614.3	622.2	641.8	661.4	694.4	727.5	819.8	912.2	1120.9	1328.9
27.5°	555.5	567.8	579.4	588.6	597.1	619.8	641.8	702.4	762.9	957.5	1151.5
30°	518.8	523.1	527.4	541.5	554.9	578.2	601.4	643.6	685.9	850.4	1014.4
32.5°	476.0	482.1	488.2	502.9	517.6	539.0	560.4	594.7	628.3	769.1	909.2
35°	437.5	443.6	449.7	464.4	478.4	501.7	524.3	553.1	581.2	703.6	826.0
37.5°	413.6	419.7	425.8	438.7	450.9	474.2	496.8	519.4	541.5	654.7	767.8
40°	393.4	399.5	405.6	417.9	429.5	452.1	474.2	493.1	512.1	617.9	723.8
42.5°	375.7	382.4	389.1	401.4	413.0	433.2	453.4	478.4	502.9	586.1	668.7
45°	361.0	367.7	373.8	387.3	400.7	420.3	439.9	474.8	509.7	569.6	629.6
47.5°	347.5	354.9	361.6	376.3	391.0	415.4	439.3	468.7	497.4	556.8	616.1
50°	334.7	343.2	351.8	369.5	386.7	427.7	468.0	472.3	476.0	546.4	616.1
52.5°	322.4	332.2	342.0	364.0	385.5	433.2	480.9	465.6	449.7	526.8	603.9
55°	310.2	318.8	326.7	353.6	380.6	415.4	450.3	430.1	409.3	490.1	570.8
57.5°	293.7	302.9	311.4	340.2	368.9	393.4	417.3	398.9	379.9	448.5	516.4
60°	276.5	286.9	297.3	334.1	370.2	365.9	361.0	357.3	353.0	402.0	450.9
62.5°	261.3	272.3	283.3	331.0	378.7	349.4	320.0	323.0	325.5	361.6	397.7
65°	246.0	257.0	267.4	291.2	315.1	303.5	291.8	296.7	301.0	336.5	372.0
67.5°	228.8	238.6	247.8	255.7	263.7	264.9	266.1	271.0	275.9	318.2	359.8
70°	209.9	217.8	225.8	231.3	236.2	238.6	240.4	246.6	252.7	298.6	344.5
72.5°	188.4	195.2	201.3	206.2	211.1	212.9	214.1	220.3	226.4	275.3	324.3
75°	165.2	170.7	175.6	179.9	184.2	186.6	189.1	193.3	197.6	250.8	303.5
77.5°	139.5	145.0	149.9	153.6	156.6	159.1	160.9	166.4	171.9	216.6	260.6
80°	108.9	115.6	121.8	124.8	127.3	127.9	127.9	132.8	137.7	169.5	200.7
82.5°	77.1	84.4	91.2	93.6	96.1	96.1	96.1	101.6	107.1	128.5	149.3
85°	45.3	53.2	60.6	63.0	65.5	66.7	67.3	69.7	71.6	86.9	101.6
87.5°	14.1	20.8	26.9	28.1	29.4	31.8	34.3	34.9	34.9	45.3	55.7
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



REPORT NUMBER: P320457
 CATALOG NUMBER: GAN-SA3D-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

REPORT NUMBER: P320457

CATALOG NUMBER: GAN-SA3D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1	4662.1
2.5°	4586.9	4649.3	4722.1	4794.3	4856.1	4917.9	4969.3
5°	4076.6	4202.0	4355.6	4508.6	4645.0	4781.4	4939.9
7.5°	3435.4	3597.5	3796.4	3995.2	4188.0	4380.1	4623.6
10°	2971.0	3135.6	3346.1	3555.9	3772.5	3988.5	4263.8
12.5°	2676.1	2809.5	3013.3	3217.0	3471.5	3725.4	3990.3
15°	2481.6	2627.2	2825.4	3023.7	3302.0	3580.4	3885.1
17.5°	2274.2	2464.4	2718.4	2972.3	3302.0	3631.2	3990.3
20°	2057.0	2293.7	2622.9	2952.1	3396.3	3839.8	4298.1
22.5°	1840.4	2114.5	2536.6	2958.2	3538.8	4118.8	4737.4
25°	1645.2	1961.5	2484.0	3005.9	3746.2	4485.9	5253.2
27.5°	1497.1	1842.2	2462.6	3082.4	4009.3	4936.2	5814.2
30°	1365.6	1716.8	2436.9	3157.0	4262.6	5367.6	6252.9
32.5°	1251.8	1594.4	2387.4	3179.7	4439.4	5699.2	6624.3
35°	1162.5	1499.0	2304.1	3109.3	4550.2	5991.0	7010.9
37.5°	1085.4	1402.9	2209.3	3015.7	4648.7	6281.6	7445.9
40°	1012.0	1300.1	2127.9	2955.1	4784.5	6613.9	7905.4
42.5°	942.2	1215.7	2062.5	2909.2	4910.5	6911.2	8307.4
45°	890.2	1150.8	2004.3	2857.2	4991.9	7126.6	8610.3
47.5°	864.5	1112.3	1973.1	2833.4	5073.3	7312.6	8861.7
50°	860.8	1105.6	2008.6	2911.7	5249.5	7586.7	9149.3
52.5°	860.2	1116.6	2110.8	3105.0	5576.8	8048.0	9460.7
55°	847.4	1123.3	2232.6	3341.2	6016.1	8690.4	10020.5
57.5°	808.2	1100.1	2358.0	3615.3	6480.5	9345.1	10651.3
60°	747.7	1043.8	2461.4	3878.4	6792.5	9706.0	10894.2
62.5°	671.8	945.3	2495.6	4045.4	6784.0	9522.5	10649.5
65°	606.9	841.9	2383.1	3923.7	6440.7	8957.2	10165.5
67.5°	549.4	738.5	2101.6	3464.2	5823.4	8182.0	9550.0
70°	507.8	670.6	1738.8	2807.1	5050.6	7293.6	8837.2
72.5°	481.5	638.1	1417.6	2196.5	4098.6	6000.2	7559.1
75°	445.4	587.4	1112.3	1636.6	3136.8	4637.0	5709.6
77.5°	378.1	495.0	838.2	1181.4	2301.7	3421.3	3970.8
80°	291.8	382.4	576.3	770.3	1584.0	2397.8	2707.3
82.5°	208.0	266.8	349.4	432.0	1052.3	1672.1	1697.8
85°	128.5	155.4	200.1	244.7	696.3	1147.8	956.3
87.5°	69.1	82.6	105.8	128.5	222.7	316.9	182.3
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: P320457

CATALOG NUMBER: GAN-SA3D-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)