

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: P320456

Luminaire Tested: **GAN-SA2D-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320456
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-SA2D-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 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: 10256 lumens
Efficiency: N/A
Efficacy: 79.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

Input Watts (W): 129
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

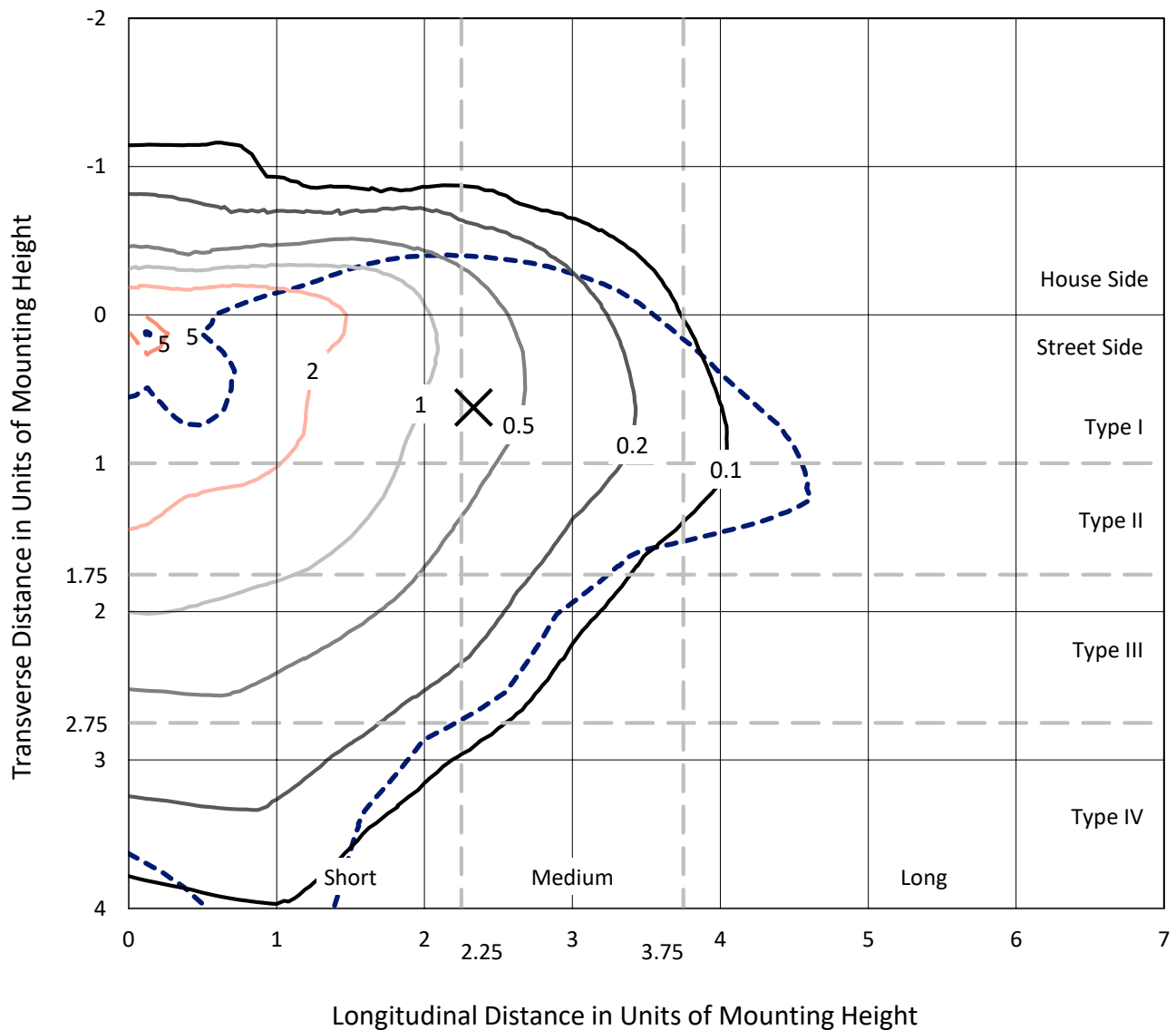


REPORT NUMBER: P320456

CATALOG NUMBER: GAN-SA2D-827-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

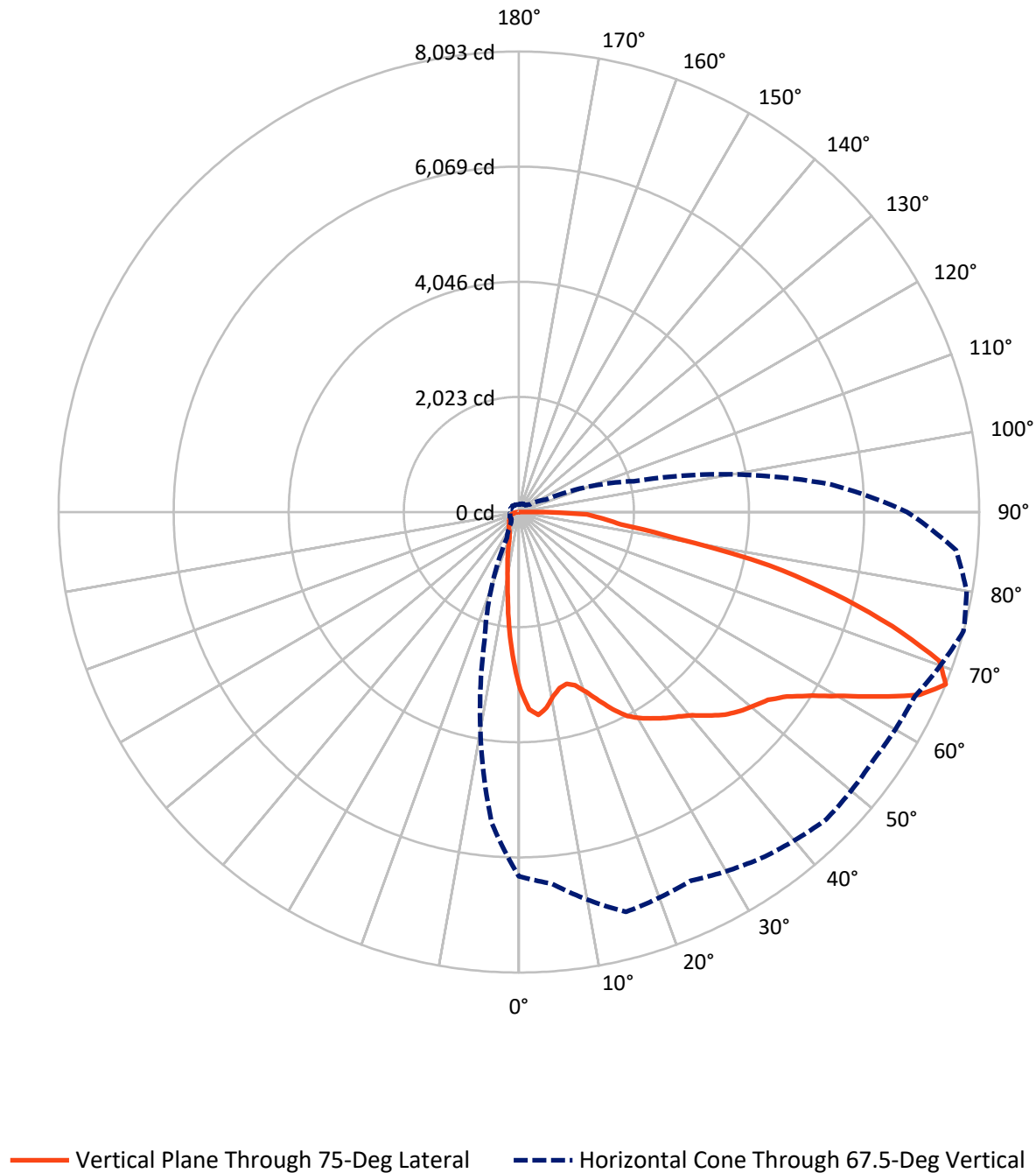
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.3 fc
 Type III - Medium - N/A

REPORT NUMBER: P320456
CATALOG NUMBER: GAN-SA2D-827-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P320456

CATALOG NUMBER: GAN-SA2D-827-U-SLL

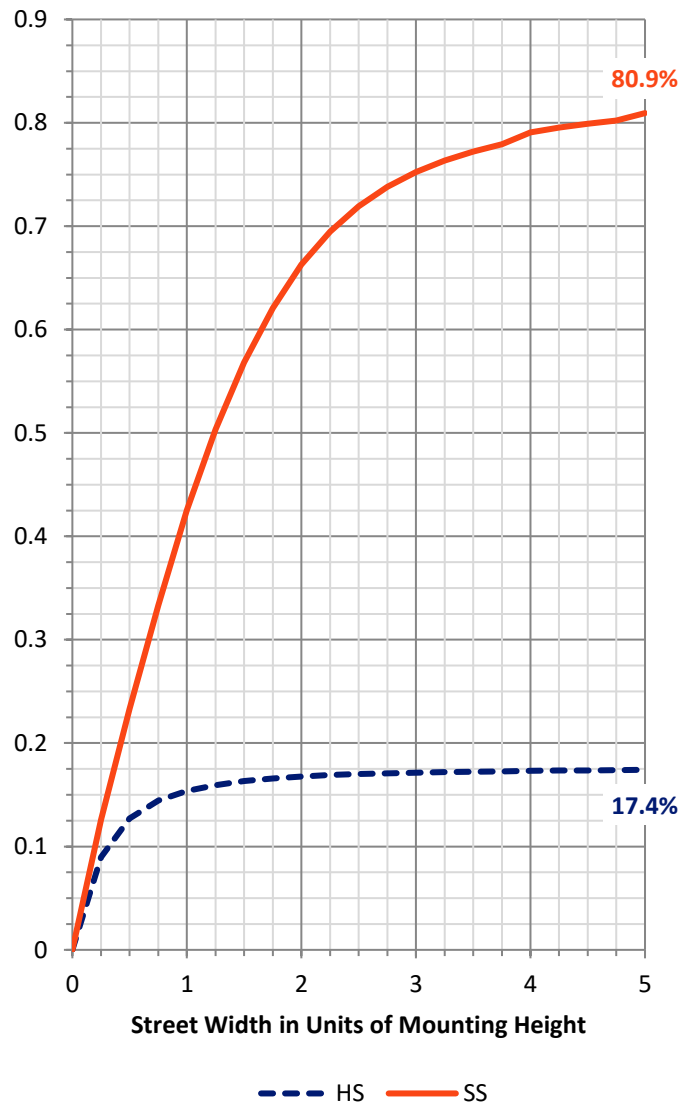
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1806.3	0.0	1806.3
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	8449.7	0.0	8449.7
	% Fixture	82.4	0.0	82.4
Total	Lumens	10256.0	0.0	10256.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.1	2.4
10°-20°	501.0	4.9
20°-30°	712.5	6.9
30°-40°	1026.7	10.0
40°-50°	1446.9	14.1
50°-60°	2011.4	19.6
60°-70°	2432.4	23.7
70°-80°	1495.1	14.6
80°-90°	389.1	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°	10256.0	100.0
0°-180°	10256.0	100.0

Coefficient of Utilization



REPORT NUMBER: P320456

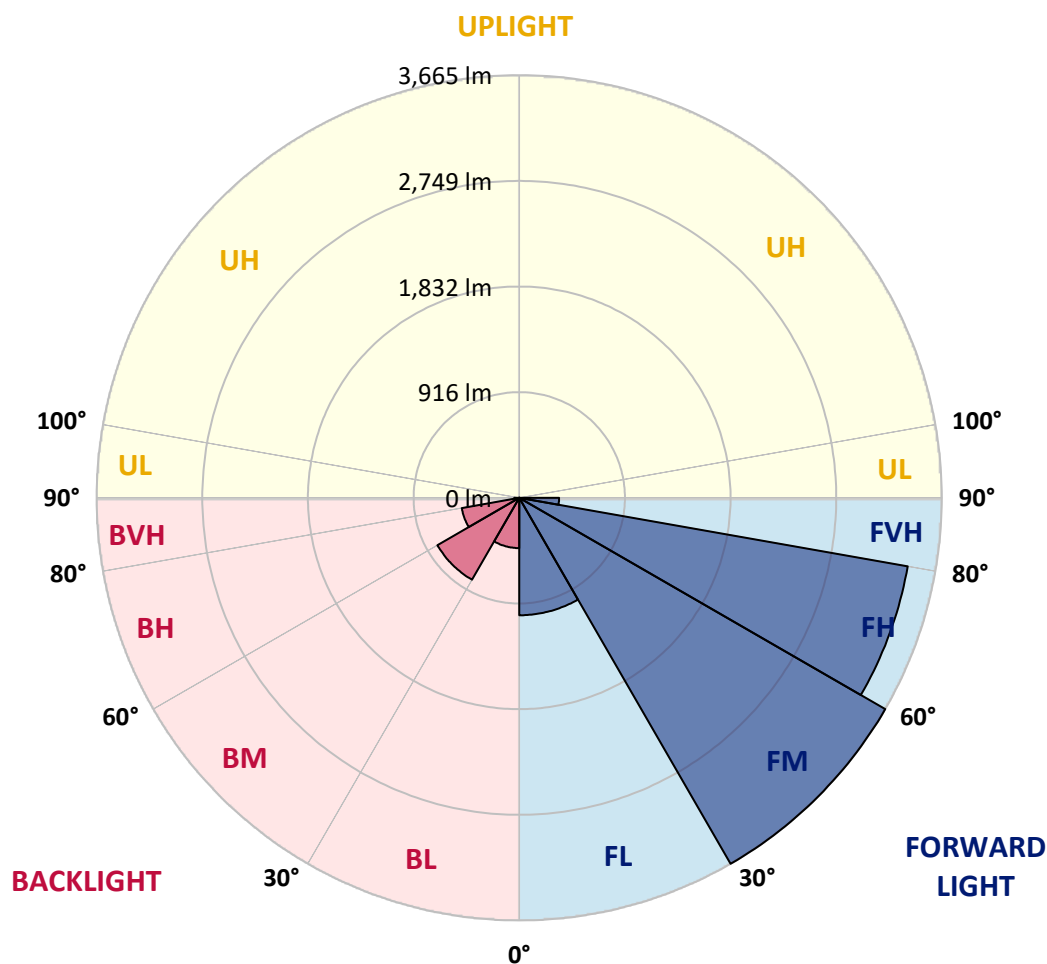
CATALOG NUMBER: GAN-SA2D-827-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1018.3	9.9			
FM	(30°-60°)	3665.0	35.7			
FH	(60°-80°)	3421.1	33.4			G2/5000
FVH	(80°-90°)	345.3	3.4			G3/500
BL	(0°-30°)	436.2	4.3	B1/500		
BM	(30°-60°)	819.9	8.0	B1/1000		
BH	(60°-80°)	506.4	4.9	B2/1000		G2/1000
BVH	(80°-90°)	43.7	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-G3

Type III Medium



REPORT NUMBER: P320456

CATALOG NUMBER: GAN-SA2D-827-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5
2.5°	3330.4	3374.3	3404.6	3434.5	3457.9	3480.9	3514.5	3548.1	3554.7	3560.8	3547.7
5°	3310.7	3417.7	3508.8	3599.4	3683.4	3767.5	3817.9	3868.4	3878.6	3888.9	3857.3
7.5°	3098.7	3256.6	3414.4	3572.3	3717.1	3861.8	3950.0	4037.7	4057.8	4077.5	4025.8
10°	2857.6	3041.3	3235.3	3429.2	3619.9	3810.5	3938.1	4065.6	4091.0	4116.4	4052.1
12.5°	2674.3	2874.8	3081.9	3289.0	3490.3	3691.2	3823.3	3955.3	3986.9	4018.4	3971.7
15°	2603.8	2823.6	3018.3	3213.1	3388.6	3563.7	3671.9	3779.8	3792.9	3805.6	3798.2
17.5°	2674.3	2916.6	3093.0	3268.9	3364.4	3459.5	3503.0	3546.1	3560.4	3574.4	3593.2
20°	2880.6	3142.2	3266.4	3390.2	3386.1	3381.6	3360.7	3339.4	3335.7	3332.0	3385.3
22.5°	3175.0	3478.8	3528.4	3577.6	3462.4	3347.2	3277.1	3206.5	3192.6	3178.3	3234.8
25°	3520.6	3844.2	3835.1	3825.7	3606.3	3386.6	3252.9	3119.2	3103.6	3088.0	3136.4
27.5°	3896.7	4205.8	4146.8	4087.7	3789.6	3491.5	3297.6	3103.6	3088.0	3072.5	3115.1
30°	4190.7	4471.1	4376.4	4281.7	3944.2	3606.8	3376.3	3145.9	3120.4	3094.6	3147.1
32.5°	4439.6	4678.2	4551.1	4424.0	4069.7	3715.4	3466.1	3216.8	3177.0	3137.2	3207.4
35°	4698.7	4884.9	4706.1	4526.9	4181.6	3836.0	3572.3	3308.2	3259.4	3210.6	3307.0
37.5°	4990.2	5144.8	4888.1	4631.0	4307.5	3984.0	3731.4	3478.4	3428.4	3378.4	3501.4
40°	5298.2	5426.9	5084.6	4742.2	4445.3	4148.4	3951.6	3754.4	3706.8	3658.8	3808.1
42.5°	5567.6	5661.5	5267.4	4873.4	4611.4	4348.9	4210.3	4071.3	4070.9	4070.1	4221.4
45°	5770.6	5852.2	5420.0	4987.4	4773.3	4558.9	4486.7	4414.5	4472.4	4530.2	4667.1
47.5°	5939.1	5994.4	5547.9	5101.0	4958.7	4816.4	4827.0	4837.7	4955.4	5073.1	5161.2
50°	6131.8	6087.1	5663.9	5240.4	5196.5	5152.6	5248.6	5344.1	5479.4	5614.3	5674.2
52.5°	6340.5	6222.0	5821.4	5420.4	5469.6	5518.8	5714.0	5909.2	6045.7	6182.2	6204.8
55°	6715.7	6534.1	6110.9	5687.3	5782.0	5876.3	6163.0	6449.2	6555.8	6662.4	6670.6
57.5°	7138.5	6977.3	6516.4	6055.5	6157.2	6258.9	6589.8	6920.3	7035.5	7150.4	7134.4
60°	7301.3	7309.0	6901.5	6493.5	6596.0	6698.5	7020.8	7343.1	7475.5	7607.6	7572.3
62.5°	7137.2	7329.5	7111.8	6893.7	6986.7	7079.4	7395.2	7710.9	7846.6	7982.3	7920.8
65°	6812.9	7003.6	7101.1	7198.7	7229.5	7260.2	7555.1	7849.5	7953.6	8057.4	8026.2
67.5°	6400.4	6554.6	6914.6	7274.2	7212.3	7150.4	7288.5	7426.7	7533.7	7640.8	7623.1
70°	5922.7	6106.4	6586.5	7066.7	6762.5	6457.8	6400.8	6343.8	6459.4	6574.7	6503.3
72.5°	5066.1	5343.3	5855.4	6367.2	5806.6	5246.1	5051.3	4856.6	5003.0	5149.3	5035.8
75°	3826.5	4194.3	4760.2	5325.7	4656.9	3988.1	3728.1	3468.2	3594.0	3719.9	3642.0
77.5°	2661.2	3122.5	3679.7	4237.0	3557.1	2876.9	2683.7	2490.2	2527.9	2565.2	2552.1
80°	1814.4	2117.9	2506.6	2894.9	2442.2	1989.5	2004.7	2019.5	2001.8	1983.8	2010.0
82.5°	1137.9	1351.5	1651.7	1951.4	1711.1	1470.8	1608.6	1746.4	1678.7	1610.7	1636.1
85°	640.9	771.3	1064.9	1358.1	1265.8	1173.1	1253.9	1334.3	1229.3	1124.3	1170.7
87.5°	122.2	203.4	589.2	974.7	884.9	795.1	690.9	586.8	447.8	308.8	451.0
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: P320456
 CATALOG NUMBER: GAN-SA2D-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: P320456

CATALOG NUMBER: GAN-SA2D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5
2.5°	3534.6	3527.6	3520.6	3495.6	3470.2	3432.5	3401.3	3347.2	3317.7	3273.0	3228.3
5°	3825.3	3781.0	3736.7	3660.5	3583.8	3498.5	3400.5	3291.8	3209.8	3103.2	2996.6
7.5°	3974.2	3870.8	3767.1	3620.7	3473.9	3341.9	3186.9	3042.5	2919.5	2780.9	2642.3
10°	3987.7	3832.7	3677.3	3487.0	3296.3	3136.0	2957.7	2797.3	2649.7	2490.6	2331.1
12.5°	3924.5	3759.7	3594.4	3384.9	3175.0	2992.9	2801.0	2621.4	2457.8	2282.7	2107.2
15°	3790.9	3659.2	3527.2	3330.8	3134.4	2950.7	2764.5	2551.7	2366.8	2187.6	2008.0
17.5°	3611.7	3549.3	3486.6	3344.7	3202.4	3043.3	2862.9	2613.2	2396.7	2201.9	2007.2
20°	3438.2	3461.2	3483.7	3427.2	3370.6	3243.0	3085.6	2805.1	2528.7	2274.1	2019.1
22.5°	3291.0	3401.3	3511.2	3555.1	3598.5	3521.9	3398.9	3074.5	2708.8	2376.2	2043.7
25°	3184.4	3367.3	3550.2	3696.1	3841.7	3807.7	3713.0	3401.7	2947.4	2523.4	2099.0
27.5°	3157.8	3382.0	3606.3	3832.7	4058.6	4090.2	4064.0	3746.6	3232.0	2706.3	2180.2
30°	3199.6	3426.7	3653.5	3929.0	4204.2	4330.1	4365.3	4034.0	3557.1	2919.5	2281.5
32.5°	3277.5	3500.1	3722.8	4022.9	4322.7	4512.9	4625.3	4296.9	3783.9	3080.3	2376.2
35°	3403.4	3611.7	3820.0	4132.4	4444.9	4690.9	4895.9	4568.3	3985.2	3192.6	2399.6
37.5°	3624.0	3803.2	3982.4	4271.0	4559.3	4878.3	5186.2	4867.2	4203.0	3300.9	2398.3
40°	3957.3	4084.0	4210.3	4454.3	4697.9	5099.3	5515.1	5200.6	4443.7	3418.1	2392.6
42.5°	4372.7	4437.9	4502.7	4695.8	4889.0	5330.2	5813.6	5526.6	4673.3	3527.2	2381.1
45°	4803.7	4820.9	4838.1	4959.9	5081.3	5513.0	6017.0	5771.4	4873.8	3621.9	2369.6
47.5°	5249.0	5189.9	5130.9	5179.3	5227.7	5653.3	6162.1	5957.1	5075.1	3726.9	2378.3
50°	5734.1	5569.6	5405.2	5379.8	5354.4	5793.5	6333.1	6193.3	5317.0	3879.8	2442.6
52.5°	6226.9	5955.9	5684.9	5584.4	5483.5	5960.8	6559.9	6487.3	5662.3	4116.8	2571.0
55°	6678.8	6334.0	5989.1	5853.8	5718.5	6216.7	6836.7	6919.1	6104.7	4419.9	2734.6
57.5°	7118.0	6727.2	6336.4	6210.9	6085.5	6592.7	7187.3	7306.6	6551.7	4710.6	2869.1
60°	7537.0	7150.4	6763.3	6662.8	6561.9	7060.1	7566.1	7479.2	6782.1	4846.7	2910.9
62.5°	7859.3	7551.8	7244.3	7191.4	7138.1	7532.9	7857.3	7412.0	6635.7	4712.6	2789.5
65°	7995.0	7820.0	7644.5	7694.1	7743.3	7890.5	7929.8	7215.1	6175.7	4337.0	2498.4
67.5°	7605.1	7640.8	7676.4	7884.7	8092.6	7991.4	7714.2	6827.2	5520.8	3804.8	2088.8
70°	6431.5	6645.6	6859.2	7352.1	7844.6	7619.9	7136.4	6131.0	4732.7	3191.8	1650.4
72.5°	4921.8	5162.5	5402.7	6134.3	6865.4	6658.3	6066.2	5035.8	3794.6	2548.8	1302.7
75°	3563.7	3835.6	4107.0	4914.0	5720.9	5433.5	4537.6	3605.5	2882.2	1945.7	1008.7
77.5°	2538.6	2720.6	2902.7	3699.8	4496.5	4028.3	3020.4	2426.2	1994.9	1352.3	709.4
80°	2036.3	1980.5	1924.7	2368.8	2812.9	2735.0	1997.7	1558.2	1380.6	906.2	431.8
82.5°	1661.1	1525.0	1388.8	1597.9	1807.1	1795.6	1386.4	1143.2	1027.6	629.8	232.1
85°	1216.6	1162.1	1107.5	1292.5	1477.4	1319.5	939.0	726.6	801.2	463.8	126.3
87.5°	593.3	677.8	761.9	980.0	1197.7	899.2	285.0	141.1	195.2	128.3	61.1
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: P320456
 CATALOG NUMBER: GAN-SA2D-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: P320456

CATALOG NUMBER: GAN-SA2D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5
2.5°	3195.1	3161.4	3123.3	3085.2	3041.7	2997.8	2972.0	2945.8	2917.5	2889.2	2857.2
5°	2926.1	2855.5	2775.6	2695.6	2616.5	2537.4	2494.7	2452.1	2407.0	2361.4	2322.1
7.5°	2539.8	2436.9	2326.2	2215.1	2116.6	2017.8	1956.7	1895.2	1839.5	1783.3	1736.1
10°	2199.9	2068.7	1957.6	1846.0	1771.8	1697.6	1641.4	1585.2	1531.1	1476.6	1424.5
12.5°	1976.0	1844.8	1774.3	1703.7	1642.2	1580.7	1515.9	1450.7	1376.5	1301.9	1247.4
15°	1888.7	1769.3	1691.0	1612.3	1529.9	1447.0	1367.5	1287.9	1200.2	1112.5	1050.5
17.5°	1850.9	1694.7	1585.2	1475.3	1366.7	1258.0	1165.8	1073.5	977.5	881.6	818.9
20°	1811.2	1603.3	1456.5	1309.3	1169.9	1030.4	925.9	821.3	735.6	649.9	601.9
22.5°	1775.1	1506.1	1322.0	1137.5	972.6	807.8	705.3	602.4	549.9	497.4	478.1
25°	1760.3	1421.2	1194.9	968.5	794.7	620.4	547.4	474.4	454.3	433.8	424.0
27.5°	1762.8	1345.4	1087.8	829.9	673.3	516.7	466.6	416.6	404.3	391.6	385.4
30°	1772.2	1262.9	987.0	711.0	581.9	452.7	420.3	387.5	374.4	361.2	353.5
32.5°	1782.9	1189.1	909.1	628.6	523.2	417.4	390.8	363.7	351.0	338.3	330.5
35°	1764.4	1128.9	855.8	582.7	485.5	387.9	365.3	342.4	328.4	314.5	307.1
37.5°	1733.3	1068.2	814.3	560.1	460.9	361.2	344.8	328.0	313.7	298.9	292.0
40°	1705.0	1016.9	783.6	549.9	447.4	344.4	330.5	316.6	301.8	286.6	278.4
42.5°	1682.0	982.5	753.3	524.0	435.1	345.7	326.0	305.9	291.5	277.2	268.2
45°	1664.8	959.9	729.5	499.0	423.6	348.1	323.1	298.1	283.8	269.0	258.3
47.5°	1663.1	948.0	712.7	477.3	401.8	326.0	315.7	305.5	284.6	263.2	250.9
50°	1685.7	928.8	693.0	456.8	380.9	305.1	319.0	332.5	296.9	260.8	245.2
52.5°	1732.8	894.7	661.8	428.9	355.5	281.7	303.4	324.8	294.0	262.8	242.7
55°	1789.8	844.7	614.7	384.2	321.9	259.1	278.4	297.3	278.0	258.3	234.1
57.5°	1825.5	781.5	555.2	328.9	284.2	239.5	250.5	261.2	253.4	245.6	221.0
60°	1804.2	697.5	488.4	278.8	250.9	223.1	221.0	218.6	230.0	241.5	213.2
62.5°	1700.0	610.6	429.3	248.1	227.2	205.8	201.3	196.4	215.3	233.7	203.8
65°	1524.1	549.9	392.0	234.1	210.8	187.4	182.5	177.5	183.3	189.0	175.1
67.5°	1300.7	512.6	370.7	228.8	200.5	171.8	166.1	160.3	159.1	157.9	152.9
70°	1070.2	489.6	356.7	223.9	189.4	154.6	149.3	143.9	142.3	140.2	136.5
72.5°	894.7	486.7	355.1	223.5	180.4	137.4	132.4	127.5	125.5	123.0	120.1
75°	732.7	456.8	337.1	217.3	168.1	118.5	114.0	109.5	107.8	105.8	103.3
77.5°	543.7	378.1	283.3	188.6	143.9	99.2	94.7	89.8	89.4	88.6	86.5
80°	352.6	273.5	202.6	131.6	105.0	77.9	74.2	70.1	70.5	70.9	69.3
82.5°	196.0	159.5	123.8	88.2	71.8	55.4	53.7	51.7	52.9	53.7	51.7
85°	103.3	80.4	66.4	52.5	41.4	30.3	30.3	29.9	31.6	33.2	31.6
87.5°	44.7	28.3	24.2	19.7	11.1	2.1	2.5	2.5	3.3	4.1	3.7
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: P320456
 CATALOG NUMBER: GAN-SA2D-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: P320456

CATALOG NUMBER: GAN-SA2D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5
2.5°	2824.8	2794.9	2764.5	2731.3	2737.5	2712.0	2686.6	2670.6	2654.6	2649.7	2644.8
5°	2282.7	2248.7	2214.2	2183.5	2210.1	2192.1	2174.1	2171.6	2168.7	2168.7	2168.3
7.5°	1689.0	1652.5	1615.6	1590.2	1616.4	1613.1	1609.8	1627.5	1645.1	1659.4	1673.4
10°	1372.4	1328.1	1283.4	1245.7	1239.2	1220.3	1201.0	1205.1	1208.8	1224.4	1240.0
12.5°	1192.8	1139.9	1087.0	1042.7	1022.7	991.5	959.9	940.2	920.5	922.6	924.2
15°	988.2	937.0	885.3	847.2	834.4	810.2	786.1	761.5	736.4	726.2	715.5
17.5°	755.7	714.7	673.3	647.9	647.9	640.9	633.9	621.6	608.9	598.7	588.0
20°	554.0	532.2	510.1	499.4	502.7	503.1	503.1	509.3	515.4	512.1	508.9
22.5°	458.4	450.6	442.8	438.3	440.0	440.4	440.8	446.5	451.9	456.0	459.7
25°	413.7	408.8	403.9	402.3	405.9	406.4	406.4	410.0	413.7	417.8	421.9
27.5°	378.9	376.8	374.8	371.9	375.6	375.6	375.2	379.3	383.0	386.7	390.0
30°	345.7	346.5	346.9	346.1	348.5	350.2	351.4	354.3	356.7	359.6	362.5
32.5°	322.3	321.1	319.8	319.0	324.3	327.2	330.1	333.0	335.4	336.6	337.9
35°	299.7	296.9	294.0	292.0	296.9	300.6	304.3	309.6	314.5	315.3	316.1
37.5°	284.6	280.9	277.2	274.7	276.8	278.4	280.1	285.8	291.5	294.8	297.7
40°	270.2	266.5	262.8	260.8	262.0	262.4	262.8	265.7	268.2	274.3	280.1
42.5°	258.7	254.2	249.7	247.3	248.1	248.9	249.3	248.9	248.5	254.2	260.0
45°	247.3	242.3	237.4	234.5	235.0	235.0	235.0	234.1	232.9	235.8	238.6
47.5°	238.2	232.5	226.8	223.9	223.1	222.2	221.4	221.0	220.2	222.2	223.9
50°	229.2	223.1	216.5	213.2	211.2	210.4	209.5	209.1	208.3	210.4	212.0
52.5°	222.2	214.9	207.5	202.2	200.1	198.9	197.6	198.1	198.1	198.9	199.3
55°	209.9	203.4	196.4	192.7	189.0	188.2	187.4	188.6	189.4	189.4	189.4
57.5°	196.4	190.3	183.7	181.2	178.0	178.0	177.5	179.2	180.4	181.2	182.1
60°	184.5	177.5	170.6	168.5	167.3	166.9	166.5	168.5	170.2	171.8	173.4
62.5°	173.4	166.1	158.7	156.2	155.8	156.2	156.2	158.3	159.9	161.6	163.2
65°	161.1	153.8	146.0	143.5	144.3	145.6	146.8	148.4	149.7	151.3	152.9
67.5°	147.6	141.5	134.9	132.4	132.9	134.5	136.1	137.4	138.2	139.8	141.5
70°	132.9	127.5	122.2	120.6	120.1	122.2	123.8	124.7	125.5	127.5	129.2
72.5°	116.9	112.4	107.8	106.6	107.0	108.3	109.5	110.7	111.5	113.6	115.2
75°	100.5	96.4	92.3	91.4	92.3	93.5	94.7	95.5	96.4	98.8	100.9
77.5°	84.5	80.0	75.0	74.6	75.9	77.1	77.9	79.1	80.4	83.6	86.9
80°	67.7	62.7	57.4	57.0	58.2	59.5	60.7	61.9	63.1	67.2	70.9
82.5°	49.6	43.9	38.1	37.3	41.4	42.6	43.9	45.9	47.6	51.3	54.9
85°	29.9	24.2	18.5	18.0	21.7	23.8	25.8	28.3	30.3	33.6	36.9
87.5°	3.3	1.6	0.0	0.0	0.4	2.1	3.7	5.7	7.8	11.1	13.9
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



REPORT NUMBER: P320456
 CATALOG NUMBER: GAN-SA2D-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: P320456

CATALOG NUMBER: GAN-SA2D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5
2.5°	2626.7	2608.3	2627.2	2645.6	2653.4	2661.2	2641.1	2620.6	2652.6	2684.2	2692.4
5°	2151.9	2135.1	2147.8	2160.1	2132.6	2105.2	2102.3	2099.0	2122.8	2146.6	2150.3
7.5°	1668.1	1662.7	1674.6	1686.5	1651.7	1616.4	1599.2	1582.0	1587.7	1593.4	1592.6
10°	1243.7	1246.9	1261.7	1276.1	1249.0	1221.9	1210.0	1198.1	1211.3	1224.0	1235.9
12.5°	931.6	938.6	954.2	969.3	958.3	946.8	948.0	949.3	964.4	979.2	992.3
15°	723.7	731.9	743.0	753.7	754.1	754.1	764.7	775.0	773.8	772.5	781.5
17.5°	599.1	609.7	611.0	612.2	612.6	613.0	612.2	611.4	605.2	599.1	606.0
20°	513.0	516.7	519.9	522.8	519.1	515.0	504.8	494.5	490.4	486.3	492.9
22.5°	466.6	473.2	469.9	466.2	458.8	451.0	443.3	435.1	434.6	433.8	437.5
25°	427.7	433.0	427.3	421.5	416.2	410.9	405.5	400.2	399.8	399.4	401.0
27.5°	395.3	400.2	394.9	389.5	385.0	380.5	376.4	372.3	371.5	370.7	371.1
30°	367.4	371.9	367.4	362.5	359.2	355.5	352.6	349.8	349.4	348.9	348.9
32.5°	342.4	346.9	343.6	340.3	337.5	334.6	332.5	330.5	328.4	326.4	321.9
35°	320.7	325.2	323.1	320.7	317.4	314.1	310.4	306.3	301.0	295.2	292.8
37.5°	302.2	306.7	304.7	302.6	298.1	293.6	287.0	280.1	278.4	276.4	276.0
40°	287.4	294.4	290.3	285.8	278.8	271.9	268.6	265.3	264.5	263.7	262.8
42.5°	271.0	281.7	274.3	266.9	260.4	253.8	253.0	252.2	251.8	251.4	251.4
45°	250.5	262.0	254.6	246.8	243.2	239.5	239.5	239.5	239.9	239.9	240.7
47.5°	231.3	238.2	234.5	230.9	228.8	226.8	227.2	227.6	228.8	229.6	231.7
50°	214.9	217.3	218.1	218.6	217.3	216.1	216.9	217.3	218.6	219.4	221.0
52.5°	203.0	206.7	206.7	206.3	206.3	206.3	207.1	207.9	209.1	210.4	212.0
55°	195.2	200.5	198.9	197.2	197.6	197.6	198.5	199.3	200.5	201.3	203.8
57.5°	187.8	193.5	191.9	190.3	190.3	190.3	190.7	191.1	192.3	193.1	194.8
60°	179.2	184.9	183.3	181.2	181.6	182.1	182.5	182.5	183.3	183.7	183.7
62.5°	168.9	174.7	173.0	171.0	172.2	173.0	173.0	173.0	173.9	174.3	173.0
65°	158.3	163.6	162.0	160.3	162.0	163.2	164.0	164.4	164.0	163.6	162.4
67.5°	146.8	152.1	150.5	148.4	150.5	152.1	153.8	155.0	153.8	152.5	150.9
70°	134.5	139.8	137.8	135.7	137.8	139.8	141.5	143.1	141.5	139.8	139.4
72.5°	121.4	127.5	125.1	122.6	125.1	127.5	128.3	129.2	127.9	126.7	125.9
75°	107.0	113.2	111.1	108.7	110.7	112.8	113.2	113.6	113.6	113.2	110.7
77.5°	91.8	96.8	95.5	94.3	95.5	96.8	96.8	96.8	97.2	97.2	93.9
80°	73.8	76.7	77.1	77.5	77.9	78.3	77.9	77.5	76.7	75.9	73.8
82.5°	54.9	54.9	58.2	61.1	61.1	60.7	60.3	59.5	57.8	55.8	51.3
85°	34.9	32.8	38.1	43.1	43.1	42.6	41.8	40.6	37.3	33.6	29.9
87.5°	11.9	9.8	15.2	20.5	20.9	20.9	20.1	19.3	16.0	12.3	9.4
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: P320456
 CATALOG NUMBER: GAN-SA2D-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: P320456

CATALOG NUMBER: GAN-SA2D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5
2.5°	2704.7	2710.0	2714.9	2755.1	2794.9	2841.6	2888.4	2924.0	2959.3	2995.8	3032.3
5°	2163.0	2169.5	2176.1	2224.9	2273.3	2338.5	2403.7	2459.9	2516.0	2582.0	2648.1
7.5°	1603.3	1617.6	1631.6	1683.6	1735.3	1805.4	1875.1	1948.5	2021.5	2107.6	2193.7
10°	1259.2	1286.3	1313.0	1366.3	1419.6	1488.9	1557.8	1634.4	1711.1	1796.0	1880.5
12.5°	1019.4	1055.5	1091.1	1155.1	1219.1	1301.9	1384.3	1469.6	1554.5	1629.1	1703.7
15°	805.3	844.7	883.6	951.3	1019.0	1110.0	1200.6	1293.7	1386.4	1475.7	1565.1
17.5°	628.2	660.6	692.6	750.0	807.0	895.1	983.3	1080.9	1178.5	1287.5	1396.2
20°	506.8	520.3	533.9	575.3	616.3	688.1	759.4	859.0	958.7	1089.1	1219.5
22.5°	444.1	451.0	457.6	477.7	497.4	543.7	589.6	677.8	765.6	907.8	1049.7
25°	406.4	411.7	417.0	430.1	443.3	465.4	487.5	549.5	611.4	751.2	890.6
27.5°	372.3	380.5	388.3	394.5	400.2	415.4	430.1	470.7	511.3	641.7	771.7
30°	347.7	350.6	353.5	362.9	371.9	387.5	403.1	431.4	459.7	570.0	679.9
32.5°	319.0	323.1	327.2	337.1	346.9	361.2	375.6	398.6	421.1	515.4	609.3
35°	293.2	297.3	301.4	311.2	320.7	336.2	351.4	370.7	389.5	471.6	553.6
37.5°	277.2	281.3	285.4	294.0	302.2	317.8	333.0	348.1	362.9	438.7	514.6
40°	263.7	267.8	271.9	280.1	287.9	303.0	317.8	330.5	343.2	414.1	485.1
42.5°	251.8	256.3	260.8	269.0	276.8	290.3	303.8	320.7	337.1	392.8	448.2
45°	241.9	246.4	250.5	259.6	268.6	281.7	294.8	318.2	341.6	381.8	421.9
47.5°	232.9	237.8	242.3	252.2	262.0	278.4	294.4	314.1	333.4	373.1	412.9
50°	224.3	230.0	235.8	247.7	259.1	286.6	313.7	316.6	319.0	366.2	412.9
52.5°	216.1	222.7	229.2	244.0	258.3	290.3	322.3	312.0	301.4	353.0	404.7
55°	207.9	213.6	219.0	237.0	255.0	278.4	301.8	288.3	274.3	328.4	382.6
57.5°	196.8	203.0	208.7	228.0	247.3	263.7	279.7	267.3	254.6	300.6	346.1
60°	185.3	192.3	199.3	223.9	248.1	245.2	241.9	239.5	236.6	269.4	302.2
62.5°	175.1	182.5	189.9	221.8	253.8	234.1	214.5	216.5	218.1	242.3	266.5
65°	164.8	172.2	179.2	195.2	211.2	203.4	195.6	198.9	201.7	225.5	249.3
67.5°	153.4	159.9	166.1	171.4	176.7	177.5	178.4	181.6	184.9	213.2	241.1
70°	140.6	146.0	151.3	155.0	158.3	159.9	161.1	165.2	169.3	200.1	230.9
72.5°	126.3	130.8	134.9	138.2	141.5	142.7	143.5	147.6	151.7	184.5	217.3
75°	110.7	114.4	117.7	120.6	123.4	125.1	126.7	129.6	132.4	168.1	203.4
77.5°	93.5	97.2	100.5	102.9	105.0	106.6	107.8	111.5	115.2	145.2	174.7
80°	73.0	77.5	81.6	83.6	85.3	85.7	85.7	89.0	92.3	113.6	134.5
82.5°	51.7	56.6	61.1	62.7	64.4	64.4	64.4	68.1	71.8	86.1	100.1
85°	30.3	35.7	40.6	42.2	43.9	44.7	45.1	46.7	48.0	58.2	68.1
87.5°	9.4	13.9	18.0	18.9	19.7	21.3	23.0	23.4	23.4	30.3	37.3
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: P320456
 CATALOG NUMBER: GAN-SA2D-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: P320456

CATALOG NUMBER: GAN-SA2D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5	3124.5
2.5°	3074.1	3115.9	3164.7	3213.1	3254.5	3295.9	3330.4
5°	2732.1	2816.2	2919.1	3021.6	3113.1	3204.5	3310.7
7.5°	2302.4	2411.1	2544.3	2677.6	2806.8	2935.5	3098.7
10°	1991.2	2101.5	2242.5	2383.2	2528.3	2673.1	2857.6
12.5°	1793.5	1882.9	2019.5	2156.0	2326.6	2496.8	2674.3
15°	1663.1	1760.7	1893.6	2026.4	2213.0	2399.6	2603.8
17.5°	1524.1	1651.7	1821.8	1992.0	2213.0	2433.6	2674.3
20°	1378.6	1537.3	1757.9	1978.5	2276.2	2573.4	2880.6
22.5°	1233.4	1417.1	1700.0	1982.6	2371.7	2760.4	3175.0
25°	1102.6	1314.6	1664.8	2014.5	2510.7	3006.4	3520.6
27.5°	1003.4	1234.6	1650.4	2065.8	2687.0	3308.2	3896.7
30°	915.2	1150.6	1633.2	2115.8	2856.8	3597.3	4190.7
32.5°	839.0	1068.6	1600.0	2131.0	2975.3	3819.6	4439.6
35°	779.1	1004.6	1544.2	2083.8	3049.5	4015.2	4698.7
37.5°	727.4	940.2	1480.7	2021.1	3115.5	4209.9	4990.2
40°	678.2	871.3	1426.1	1980.5	3206.5	4432.6	5298.2
42.5°	631.5	814.8	1382.3	1949.8	3291.0	4631.9	5567.6
45°	596.6	771.3	1343.3	1914.9	3345.6	4776.2	5770.6
47.5°	579.4	745.5	1322.4	1898.9	3400.1	4900.9	5939.1
50°	576.9	741.0	1346.2	1951.4	3518.2	5084.6	6131.8
52.5°	576.5	748.3	1414.7	2081.0	3737.6	5393.7	6340.5
55°	567.9	752.8	1496.3	2239.3	4032.0	5824.3	6715.7
57.5°	541.7	737.3	1580.3	2423.0	4343.2	6263.0	7138.5
60°	501.1	699.5	1649.6	2599.3	4552.3	6504.9	7301.3
62.5°	450.2	633.5	1672.6	2711.2	4546.6	6381.9	7137.2
65°	406.8	564.2	1597.1	2629.6	4316.5	6003.1	6812.9
67.5°	368.2	494.9	1408.5	2321.7	3902.8	5483.5	6400.4
70°	340.3	449.4	1165.3	1881.3	3384.9	4888.1	5922.7
72.5°	322.7	427.7	950.1	1472.1	2746.9	4021.3	5066.1
75°	298.5	393.6	745.5	1096.9	2102.3	3107.7	3826.5
77.5°	253.4	331.7	561.8	791.8	1542.6	2293.0	2661.2
80°	195.6	256.3	386.3	516.2	1061.6	1607.0	1814.4
82.5°	139.4	178.8	234.1	289.5	705.3	1120.7	1137.9
85°	86.1	104.2	134.1	164.0	466.6	769.2	640.9
87.5°	46.3	55.4	70.9	86.1	149.3	212.4	122.2
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: P320456
 CATALOG NUMBER: GAN-SA2D-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)