

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: P320227

Luminaire Tested: **GAN-SA3A-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320227
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-SA3A-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 70 CRI, 2700K, 615mA 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: 10455 lumens
Efficiency: N/A
Efficacy: 108.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

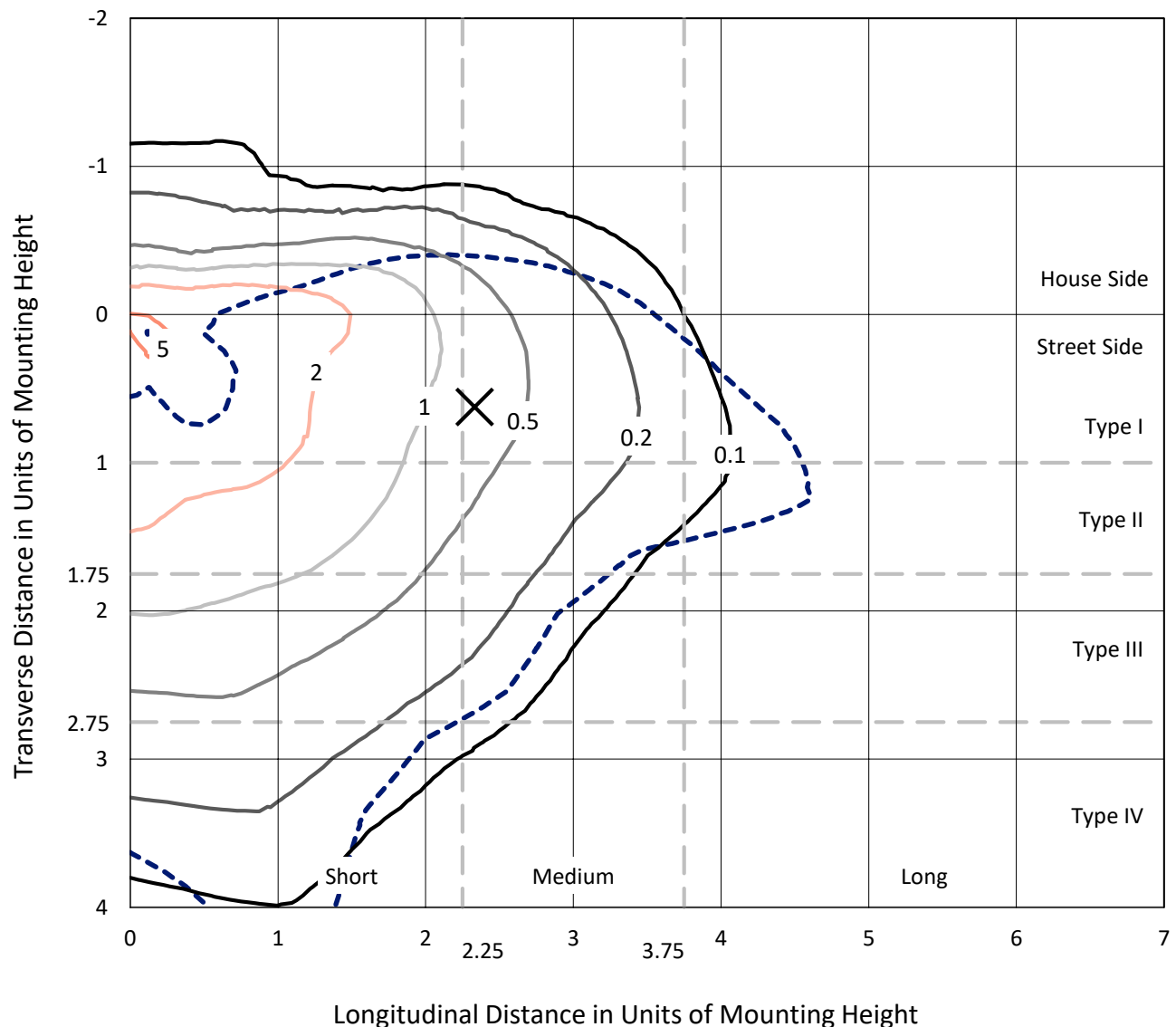
Input Watts (W): 96
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

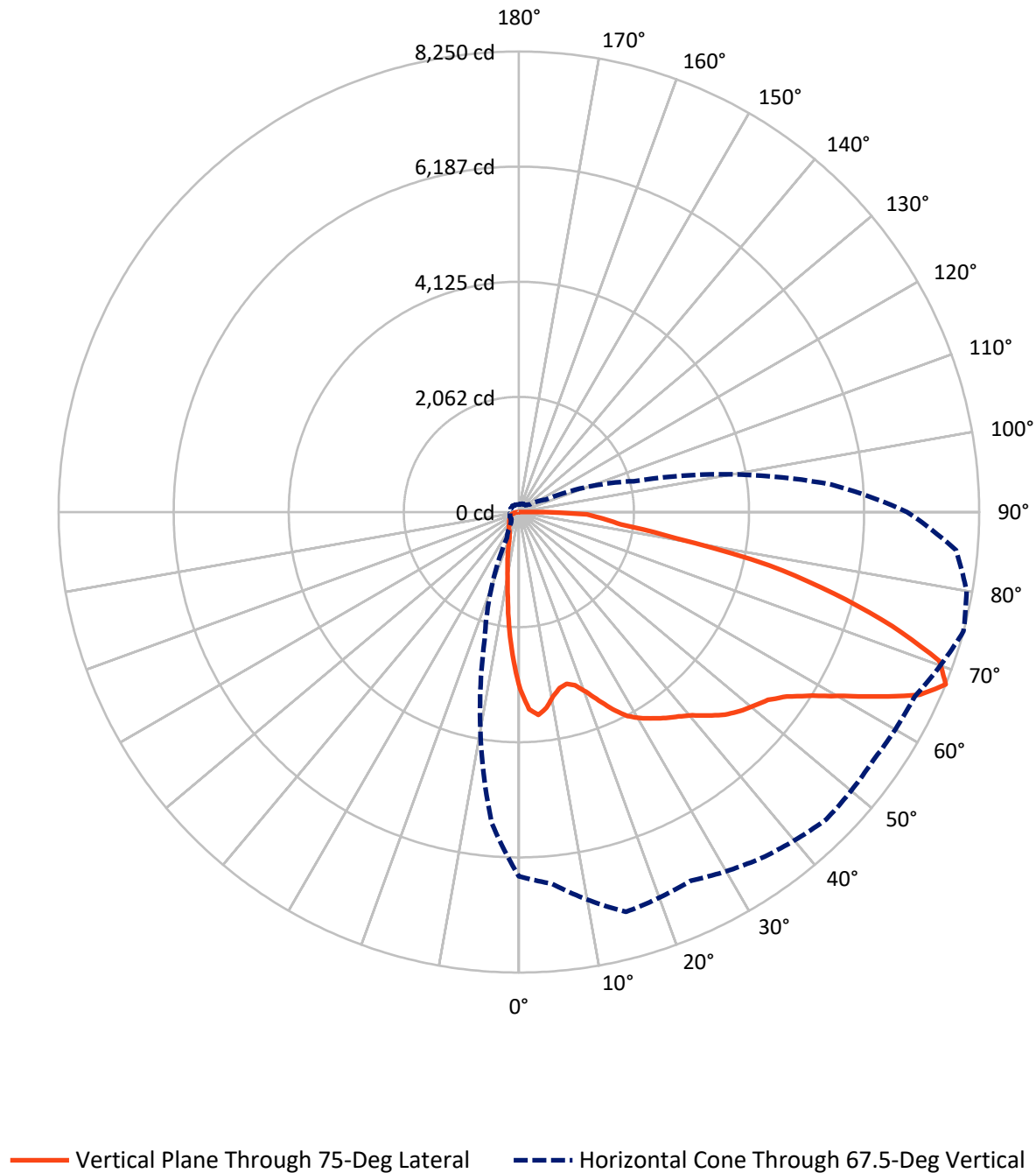
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.4 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	1841.4	0.0	1841.4
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	8613.6	0.0	8613.6
	% Fixture	82.4	0.0	82.4
Total	Lumens	10455.0	0.0	10455.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	245.8	2.4
10°-20°	510.7	4.9
20°-30°	726.3	6.9
30°-40°	1046.6	10.0
40°-50°	1474.9	14.1
50°-60°	2050.4	19.6
60°-70°	2479.5	23.7
70°-80°	1524.1	14.6
80°-90°	396.6	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°	10455.0	100.0
0°-180°	10455.0	100.0

Coefficient of Utilization



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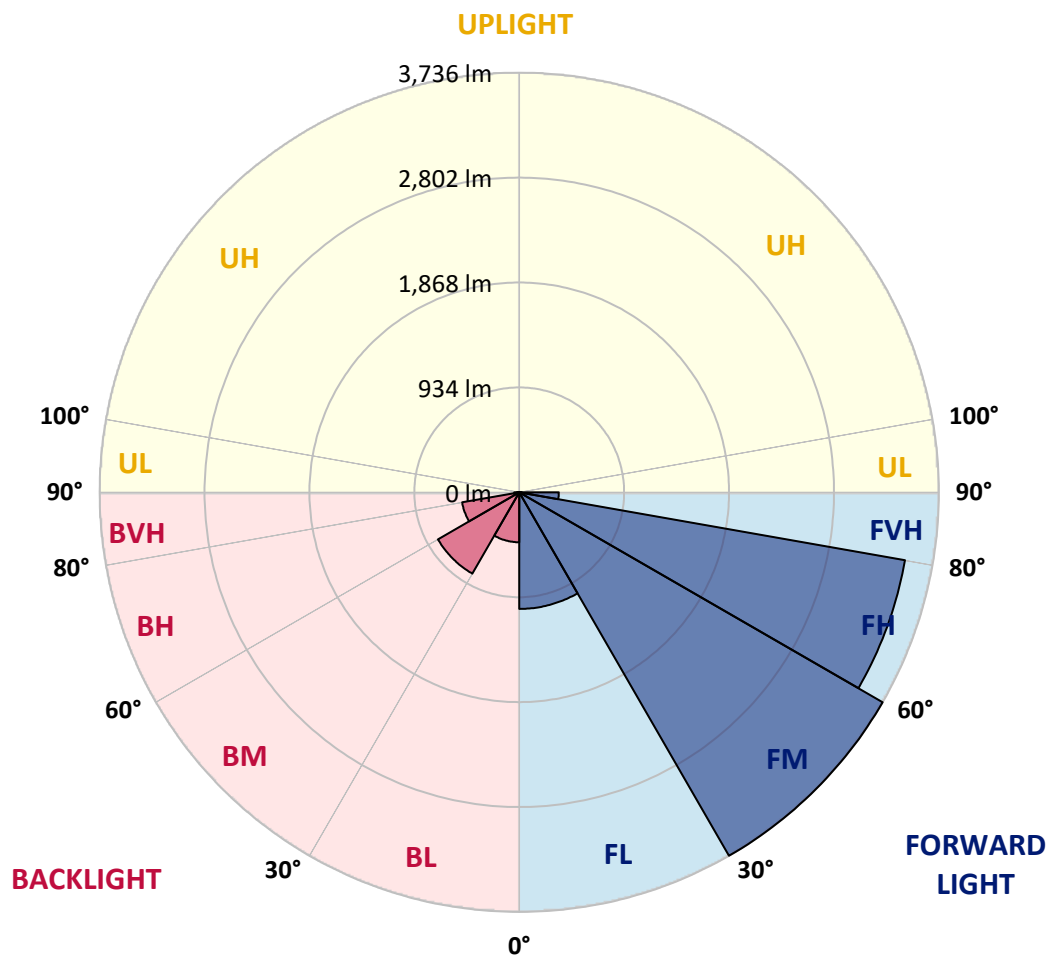
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1038.1	9.9			
FM	(30°-60°)	3736.1	35.7			
FH	(60°-80°)	3487.4	33.4			G2/5000
FVH	(80°-90°)	352.0	3.4			G3/500
BL	(0°-30°)	444.7	4.3	B1/500		
BM	(30°-60°)	835.8	8.0	B1/1000		
BH	(60°-80°)	516.3	4.9	B2/1000		G2/1000
BVH	(80°-90°)	44.6	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	3395.0	3439.7	3470.7	3501.2	3525.0	3548.4	3582.7	3617.0	3623.6	3629.9	3616.5
5°	3374.9	3484.0	3576.8	3669.2	3754.9	3840.6	3892.0	3943.4	3953.9	3964.3	3932.1
7.5°	3158.8	3319.8	3480.7	3641.6	3789.2	3936.7	4026.6	4116.1	4136.5	4156.6	4103.9
10°	2913.0	3100.3	3298.0	3495.7	3690.1	3884.5	4014.5	4144.5	4170.4	4196.3	4130.7
12.5°	2726.2	2930.6	3141.7	3352.8	3558.0	3762.8	3897.4	4032.0	4064.2	4096.4	4048.8
15°	2654.3	2878.4	3076.9	3275.5	3454.4	3632.8	3743.2	3853.1	3866.5	3879.5	3871.9
17.5°	2726.2	2973.2	3153.0	3332.3	3429.7	3526.7	3571.0	3614.9	3629.5	3643.7	3662.9
20°	2936.5	3203.1	3329.8	3456.0	3451.8	3447.3	3425.9	3404.2	3400.4	3396.7	3451.0
22.5°	3236.6	3546.3	3596.9	3647.1	3529.6	3412.1	3340.7	3268.8	3254.6	3239.9	3297.6
25°	3589.0	3918.8	3909.6	3899.9	3676.3	3452.3	3316.0	3179.7	3163.8	3148.0	3197.3
27.5°	3972.3	4287.4	4227.2	4167.0	3863.2	3559.3	3361.6	3163.8	3148.0	3132.1	3175.6
30°	4272.0	4557.9	4461.3	4364.8	4020.7	3676.7	3441.8	3206.9	3181.0	3154.7	3208.2
32.5°	4525.7	4769.0	4639.4	4509.8	4148.7	3787.5	3533.4	3279.2	3238.7	3198.1	3269.6
35°	4789.9	4979.6	4797.4	4614.7	4262.8	3910.4	3641.6	3372.4	3322.7	3272.9	3371.2
37.5°	5087.1	5244.7	4983.0	4720.9	4391.1	4061.3	3803.8	3545.9	3494.9	3443.9	3569.3
40°	5401.0	5532.2	5183.2	4834.2	4531.5	4228.9	4028.3	3827.2	3778.7	3729.8	3882.0
42.5°	5675.6	5771.3	5369.6	4967.9	4700.8	4433.3	4292.0	4150.3	4149.9	4149.1	4303.3
45°	5882.5	5965.7	5525.1	5084.1	4865.9	4647.3	4573.8	4500.2	4559.1	4618.1	4757.7
47.5°	6054.3	6110.8	5655.5	5199.9	5054.9	4909.8	4920.7	4931.6	5051.5	5171.5	5261.4
50°	6250.8	6205.2	5773.8	5342.0	5297.3	5252.6	5350.4	5447.8	5585.7	5723.3	5784.3
52.5°	6463.5	6342.7	5934.4	5525.6	5575.7	5625.9	5824.8	6023.8	6163.0	6302.2	6325.2
55°	6846.0	6660.8	6229.5	5797.7	5894.2	5990.4	6282.5	6574.3	6683.0	6791.7	6800.0
57.5°	7277.0	7112.7	6642.9	6173.0	6276.7	6380.4	6717.7	7054.6	7172.1	7289.1	7272.8
60°	7442.9	7450.9	7035.4	6619.5	6724.0	6828.5	7157.0	7485.6	7620.6	7755.2	7719.2
62.5°	7275.7	7471.8	7249.8	7027.4	7122.3	7216.8	7538.6	7860.5	7998.9	8137.2	8074.5
65°	6945.1	7139.5	7238.9	7338.4	7369.8	7401.1	7701.7	8001.8	8108.0	8213.7	8181.9
67.5°	6524.6	6681.7	7048.7	7415.3	7352.2	7289.1	7430.0	7570.8	7679.9	7789.0	7771.0
70°	6037.6	6224.9	6714.3	7203.8	6893.7	6583.1	6525.0	6466.9	6584.8	6702.2	6629.5
72.5°	5164.4	5447.0	5969.0	6490.7	5919.3	5347.9	5149.3	4950.8	5100.0	5249.3	5133.5
75°	3900.8	4275.7	4852.6	5429.0	4747.2	4065.5	3800.5	3535.4	3663.8	3792.1	3712.7
77.5°	2712.8	3183.1	3751.1	4319.2	3626.2	2932.7	2735.8	2538.5	2577.0	2615.0	2601.6
80°	1849.7	2159.0	2555.2	2951.1	2489.6	2028.1	2043.6	2058.7	2040.7	2022.3	2049.0
82.5°	1160.0	1377.7	1683.7	1989.3	1744.3	1499.4	1639.8	1780.3	1711.3	1641.9	1667.8
85°	653.3	786.3	1085.5	1384.4	1290.4	1195.9	1278.2	1360.2	1253.2	1146.2	1193.4
87.5°	124.6	207.3	600.7	993.6	902.0	810.5	704.3	598.2	456.5	314.8	459.8
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



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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°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	3603.2	3596.1	3589.0	3563.5	3537.5	3499.1	3467.3	3412.1	3382.0	3336.5	3290.9
5°	3899.5	3854.4	3809.2	3731.5	3653.3	3566.4	3466.5	3355.7	3272.1	3163.4	3054.7
7.5°	4051.3	3945.9	3840.2	3690.9	3541.3	3406.7	3248.7	3101.6	2976.2	2834.9	2693.6
10°	4065.1	3907.1	3748.6	3554.7	3360.3	3196.9	3015.0	2851.6	2701.1	2538.9	2376.3
12.5°	4000.7	3832.6	3664.2	3450.6	3236.6	3051.0	2855.4	2672.3	2505.5	2327.0	2148.1
15°	3864.4	3730.2	3595.6	3395.4	3195.2	3007.9	2818.2	2601.2	2412.7	2230.0	2046.9
17.5°	3681.7	3618.2	3554.3	3409.6	3264.6	3102.4	2918.5	2663.9	2443.2	2244.7	2046.1
20°	3504.9	3528.3	3551.3	3493.6	3436.0	3306.0	3145.5	2859.5	2577.8	2318.2	2058.2
22.5°	3354.9	3467.3	3579.3	3624.1	3668.4	3590.2	3464.8	3134.2	2761.3	2422.3	2083.3
25°	3246.2	3432.6	3619.0	3767.9	3916.2	3881.6	3785.0	3467.7	3004.6	2572.4	2139.7
27.5°	3219.0	3447.7	3676.3	3907.1	4137.4	4169.6	4142.8	3819.3	3294.7	2758.8	2222.5
30°	3261.7	3493.2	3724.4	4005.3	4285.8	4414.1	4450.0	4112.3	3626.2	2976.2	2325.8
32.5°	3341.1	3568.1	3795.0	4101.0	4406.6	4600.5	4715.0	4380.2	3857.3	3140.0	2422.3
35°	3469.4	3681.7	3894.1	4212.6	4531.1	4781.9	4990.9	4656.9	4062.5	3254.6	2446.1
37.5°	3694.3	3877.0	4059.6	4353.9	4647.7	4973.0	5286.9	4961.7	4284.5	3364.9	2444.9
40°	4034.1	4163.3	4292.0	4540.7	4789.0	5198.3	5622.1	5301.5	4529.9	3484.5	2439.0
42.5°	4457.6	4524.0	4590.1	4786.9	4983.8	5433.6	5926.4	5633.8	4764.0	3595.6	2427.3
45°	4896.9	4914.4	4932.0	5056.1	5179.9	5620.0	6133.7	5883.4	4968.4	3692.2	2415.6
47.5°	5350.8	5290.6	5230.4	5279.8	5329.1	5763.0	6281.7	6072.7	5173.6	3799.2	2424.4
50°	5845.3	5677.7	5510.1	5484.2	5458.3	5905.9	6456.0	6313.5	5420.2	3955.1	2490.0
52.5°	6347.8	6071.5	5795.2	5692.8	5589.9	6076.5	6687.2	6613.2	5772.2	4196.7	2620.9
55°	6808.4	6456.9	6105.3	5967.4	5829.4	6337.3	6969.3	7053.3	6223.2	4505.6	2787.6
57.5°	7256.1	6857.7	6459.4	6331.5	6203.5	6720.6	7326.7	7448.4	6678.8	4802.0	2924.8
60°	7683.3	7289.1	6894.5	6792.1	6689.3	7197.1	7712.9	7624.3	6913.7	4940.8	2967.4
62.5°	8011.8	7698.3	7384.8	7330.9	7276.6	7679.1	8009.7	7555.8	6764.5	4804.1	2843.7
65°	8150.2	7971.7	7792.8	7843.4	7893.5	8043.6	8083.7	7355.1	6295.5	4421.2	2546.9
67.5°	7752.7	7789.0	7825.4	8037.7	8249.7	8146.4	7863.8	6959.7	5628.0	3878.6	2129.3
70°	6556.3	6774.5	6992.3	7494.8	7996.8	7767.7	7274.9	6249.9	4824.6	3253.7	1682.5
72.5°	5017.3	5262.6	5507.6	6253.3	6998.6	6787.5	6183.9	5133.5	3868.2	2598.3	1328.0
75°	3632.8	3910.0	4186.7	5009.3	5831.9	5538.9	4625.6	3675.5	2938.1	1983.4	1028.3
77.5°	2587.8	2773.4	2959.0	3771.6	4583.8	4106.4	3079.0	2473.3	2033.6	1378.6	723.1
80°	2075.8	2018.9	1962.1	2414.8	2867.5	2788.1	2036.5	1588.4	1407.4	923.8	440.2
82.5°	1693.3	1554.5	1415.8	1628.9	1842.1	1830.4	1413.3	1165.4	1047.5	642.0	236.6
85°	1240.2	1184.6	1129.0	1317.5	1506.1	1345.1	957.2	740.7	816.8	472.8	128.7
87.5°	604.8	691.0	776.6	999.0	1221.0	916.7	290.5	143.8	199.0	130.8	62.3
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: P320227

CATALOG NUMBER: GAN-SA3A-727-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: P320227

CATALOG NUMBER: GAN-SA3A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	3257.1	3222.8	3183.9	3145.0	3100.7	3056.0	3029.7	3002.9	2974.1	2945.2	2912.6
5°	2982.9	2911.0	2829.4	2747.9	2667.3	2586.6	2543.1	2499.6	2453.7	2407.3	2367.1
7.5°	2589.1	2484.2	2371.3	2258.0	2157.7	2057.0	1994.7	1932.0	1875.2	1817.9	1769.8
10°	2242.6	2108.8	1995.5	1881.8	1806.2	1730.5	1673.3	1616.0	1560.8	1505.2	1452.1
12.5°	2014.3	1880.6	1808.7	1736.8	1674.1	1611.4	1545.3	1478.9	1403.2	1327.2	1271.6
15°	1925.3	1803.7	1723.8	1643.6	1559.6	1475.1	1394.0	1312.9	1223.5	1134.0	1070.9
17.5°	1886.9	1727.6	1616.0	1504.0	1393.2	1282.4	1188.4	1094.3	996.5	898.7	834.7
20°	1846.3	1634.4	1484.7	1334.7	1192.6	1050.4	943.8	837.3	749.9	662.5	613.6
22.5°	1809.5	1535.3	1347.6	1159.5	991.5	823.5	719.0	614.0	560.5	507.0	487.4
25°	1794.5	1448.8	1218.1	987.3	810.1	632.4	558.0	483.6	463.1	442.2	432.2
27.5°	1797.0	1371.5	1109.0	846.0	686.4	526.7	475.7	424.7	412.1	399.2	392.9
30°	1806.6	1287.4	1006.1	724.8	593.1	461.5	428.5	395.0	381.6	368.3	360.3
32.5°	1817.5	1212.2	926.7	640.8	533.4	425.5	398.4	370.8	357.8	344.9	336.9
35°	1798.7	1150.8	872.4	594.0	494.9	395.4	372.4	349.0	334.8	320.6	313.1
37.5°	1766.9	1088.9	830.1	571.0	469.8	368.3	351.5	334.4	319.8	304.7	297.6
40°	1738.0	1036.6	798.8	560.5	456.0	351.1	336.9	322.7	307.6	292.2	283.8
42.5°	1714.6	1001.5	767.9	534.2	443.5	352.4	332.3	311.8	297.2	282.6	273.4
45°	1697.1	978.5	743.6	508.7	431.8	354.9	329.4	303.9	289.3	274.2	263.3
47.5°	1695.4	966.4	726.5	486.6	409.6	332.3	321.9	311.4	290.1	268.4	255.8
50°	1718.4	946.8	706.4	465.7	388.3	311.0	325.2	339.0	302.6	265.8	250.0
52.5°	1766.5	912.1	674.7	437.2	362.4	287.2	309.3	331.1	299.7	267.9	247.5
55°	1824.6	861.1	626.6	391.7	328.1	264.2	283.8	303.1	283.4	263.3	238.7
57.5°	1860.9	796.7	566.0	335.2	289.7	244.1	255.4	266.3	258.3	250.4	225.3
60°	1839.2	711.0	497.8	284.2	255.8	227.4	225.3	222.8	234.5	246.2	217.4
62.5°	1733.0	622.4	437.6	252.9	231.6	209.8	205.2	200.2	219.5	238.3	207.7
65°	1553.7	560.5	399.6	238.7	214.9	191.0	186.0	181.0	186.8	192.7	178.5
67.5°	1325.9	522.5	377.9	233.2	204.4	175.1	169.3	163.4	162.2	160.9	155.9
70°	1091.0	499.1	363.7	228.2	193.1	157.6	152.2	146.7	145.0	143.0	139.2
72.5°	912.1	496.2	362.0	227.8	183.9	140.0	135.0	130.0	127.9	125.4	122.5
75°	747.0	465.7	343.6	221.5	171.4	120.8	116.2	111.6	109.9	107.8	105.3
77.5°	554.3	385.4	288.8	192.3	146.7	101.2	96.6	91.5	91.1	90.3	88.2
80°	359.5	278.8	206.5	134.2	107.0	79.4	75.7	71.5	71.9	72.3	70.6
82.5°	199.8	162.6	126.2	89.9	73.2	56.4	54.8	52.7	53.9	54.8	52.7
85°	105.3	81.9	67.7	53.5	42.2	30.9	30.9	30.5	32.2	33.9	32.2
87.5°	45.6	28.8	24.7	20.1	11.3	2.1	2.5	2.5	3.3	4.2	3.8
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: P320227
 CATALOG NUMBER: GAN-SA3A-727-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: P320227

CATALOG NUMBER: GAN-SA3A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	2879.6	2849.1	2818.2	2784.3	2790.6	2764.7	2738.7	2722.4	2706.1	2701.1	2696.1
5°	2327.0	2292.3	2257.2	2225.9	2253.0	2234.6	2216.2	2213.7	2210.8	2210.8	2210.4
7.5°	1721.7	1684.5	1646.9	1621.0	1647.8	1644.4	1641.1	1659.0	1677.0	1691.6	1705.9
10°	1399.0	1353.9	1308.3	1269.9	1263.2	1244.0	1224.3	1228.5	1232.3	1248.1	1264.0
12.5°	1216.0	1162.0	1108.1	1063.0	1042.5	1010.7	978.5	958.5	938.4	940.5	942.2
15°	1007.4	955.1	902.5	863.6	850.6	826.0	801.3	776.2	750.7	740.3	729.4
17.5°	770.4	728.6	686.4	660.4	660.4	653.3	646.2	633.7	620.7	610.3	599.4
20°	564.7	542.6	520.0	509.1	512.5	512.9	512.9	519.2	525.4	522.1	518.7
22.5°	467.3	459.4	451.4	446.8	448.5	448.9	449.4	455.2	460.6	464.8	468.6
25°	421.8	416.7	411.7	410.1	413.8	414.2	414.2	418.0	421.8	425.9	430.1
27.5°	386.2	384.1	382.1	379.1	382.9	382.9	382.5	386.7	390.4	394.2	397.5
30°	352.4	353.2	353.6	352.8	355.3	357.0	358.2	361.2	363.7	366.6	369.5
32.5°	328.5	327.3	326.0	325.2	330.6	333.6	336.5	339.4	341.9	343.2	344.4
35°	305.6	302.6	299.7	297.6	302.6	306.4	310.2	315.6	320.6	321.4	322.3
37.5°	290.1	286.3	282.6	280.1	282.2	283.8	285.5	291.3	297.2	300.5	303.5
40°	275.5	271.7	267.9	265.8	267.1	267.5	267.9	270.9	273.4	279.6	285.5
42.5°	263.8	259.2	254.6	252.1	252.9	253.7	254.1	253.7	253.3	259.2	265.0
45°	252.1	247.0	242.0	239.1	239.5	239.5	239.5	238.7	237.4	240.4	243.3
47.5°	242.9	237.0	231.2	228.2	227.4	226.6	225.7	225.3	224.5	226.6	228.2
50°	233.7	227.4	220.7	217.4	215.3	214.4	213.6	213.2	212.3	214.4	216.1
52.5°	226.6	219.0	211.5	206.1	204.0	202.7	201.5	201.9	201.9	202.7	203.1
55°	214.0	207.3	200.2	196.5	192.7	191.9	191.0	192.3	193.1	193.1	193.1
57.5°	200.2	194.0	187.3	184.8	181.4	181.4	181.0	182.7	183.9	184.8	185.6
60°	188.1	181.0	173.9	171.8	170.5	170.1	169.7	171.8	173.5	175.1	176.8
62.5°	176.8	169.3	161.8	159.3	158.8	159.3	159.3	161.3	163.0	164.7	166.4
65°	164.3	156.8	148.8	146.3	147.1	148.4	149.6	151.3	152.6	154.2	155.9
67.5°	150.5	144.2	137.5	135.0	135.4	137.1	138.8	140.0	140.9	142.5	144.2
70°	135.4	130.0	124.6	122.9	122.5	124.6	126.2	127.1	127.9	130.0	131.7
72.5°	119.1	114.5	109.9	108.7	109.1	110.4	111.6	112.9	113.7	115.8	117.5
75°	102.4	98.2	94.1	93.2	94.1	95.3	96.6	97.4	98.2	100.7	102.8
77.5°	86.1	81.5	76.5	76.1	77.3	78.6	79.4	80.7	81.9	85.3	88.6
80°	69.0	64.0	58.5	58.1	59.4	60.6	61.9	63.1	64.4	68.6	72.3
82.5°	50.6	44.7	38.9	38.0	42.2	43.5	44.7	46.8	48.5	52.3	56.0
85°	30.5	24.7	18.8	18.4	22.2	24.2	26.3	28.8	30.9	34.3	37.6
87.5°	3.3	1.7	0.0	0.0	0.4	2.1	3.8	5.9	7.9	11.3	14.2
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: P320227
 CATALOG NUMBER: GAN-SA3A-727-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: P320227

CATALOG NUMBER: GAN-SA3A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	2677.7	2658.9	2678.1	2696.9	2704.9	2712.8	2692.3	2671.4	2704.0	2736.2	2744.6
5°	2193.7	2176.5	2189.5	2202.0	2174.0	2146.0	2143.1	2139.7	2164.0	2188.2	2192.0
7.5°	1700.4	1695.0	1707.1	1719.2	1683.7	1647.8	1630.2	1612.6	1618.5	1624.4	1623.5
10°	1267.8	1271.1	1286.2	1300.8	1273.2	1245.6	1233.5	1221.4	1234.8	1247.7	1259.9
12.5°	949.7	956.8	972.7	988.2	976.9	965.2	966.4	967.7	983.1	998.2	1011.6
15°	737.8	746.1	757.4	768.3	768.7	768.7	779.6	790.0	788.8	787.5	796.7
17.5°	610.7	621.6	622.8	624.1	624.5	624.9	624.1	623.2	617.0	610.7	617.8
20°	522.9	526.7	530.0	533.0	529.2	525.0	514.6	504.1	499.9	495.7	502.4
22.5°	475.7	482.4	479.0	475.3	467.7	459.8	451.9	443.5	443.1	442.2	446.0
25°	436.0	441.4	435.6	429.7	424.3	418.8	413.4	408.0	407.6	407.1	408.8
27.5°	403.0	408.0	402.5	397.1	392.5	387.9	383.7	379.5	378.7	377.9	378.3
30°	374.5	379.1	374.5	369.5	366.2	362.4	359.5	356.6	356.1	355.7	355.7
32.5°	349.0	353.6	350.3	346.9	344.0	341.1	339.0	336.9	334.8	332.7	328.1
35°	326.9	331.5	329.4	326.9	323.5	320.2	316.4	312.2	306.8	301.0	298.5
37.5°	308.1	312.7	310.6	308.5	303.9	299.3	292.6	285.5	283.8	281.7	281.3
40°	293.0	300.1	295.9	291.3	284.2	277.1	273.8	270.4	269.6	268.8	267.9
42.5°	276.3	287.2	279.6	272.1	265.4	258.7	257.9	257.1	256.7	256.2	256.2
45°	255.4	267.1	259.6	251.6	247.9	244.1	244.1	244.1	244.5	244.5	245.4
47.5°	235.8	242.9	239.1	235.3	233.2	231.2	231.6	232.0	233.2	234.1	236.2
50°	219.0	221.5	222.4	222.8	221.5	220.3	221.1	221.5	222.8	223.6	225.3
52.5°	206.9	210.7	210.7	210.3	210.3	210.3	211.1	211.9	213.2	214.4	216.1
55°	199.0	204.4	202.7	201.1	201.5	201.5	202.3	203.1	204.4	205.2	207.7
57.5°	191.4	197.3	195.6	194.0	194.0	194.0	194.4	194.8	196.0	196.9	198.6
60°	182.7	188.5	186.8	184.8	185.2	185.6	186.0	186.0	186.8	187.3	187.3
62.5°	172.2	178.1	176.4	174.3	175.6	176.4	176.4	176.4	177.2	177.7	176.4
65°	161.3	166.8	165.1	163.4	165.1	166.4	167.2	167.6	167.2	166.8	165.5
67.5°	149.6	155.1	153.4	151.3	153.4	155.1	156.8	158.0	156.8	155.5	153.8
70°	137.1	142.5	140.4	138.4	140.4	142.5	144.2	145.9	144.2	142.5	142.1
72.5°	123.7	130.0	127.5	125.0	127.5	130.0	130.8	131.7	130.4	129.2	128.3
75°	109.1	115.4	113.3	110.8	112.9	115.0	115.4	115.8	115.8	115.4	112.9
77.5°	93.6	98.6	97.4	96.1	97.4	98.6	98.6	98.6	99.1	99.1	95.7
80°	75.2	78.2	78.6	79.0	79.4	79.8	79.4	79.0	78.2	77.3	75.2
82.5°	56.0	56.0	59.4	62.3	62.3	61.9	61.4	60.6	58.9	56.8	52.3
85°	35.5	33.4	38.9	43.9	43.9	43.5	42.6	41.4	38.0	34.3	30.5
87.5°	12.1	10.0	15.5	20.9	21.3	21.3	20.5	19.6	16.3	12.5	9.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320227
 CATALOG NUMBER: GAN-SA3A-727-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: P320227

CATALOG NUMBER: GAN-SA3A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	2757.1	2762.6	2767.6	2808.5	2849.1	2896.7	2944.4	2980.8	3016.7	3053.9	3091.1
5°	2205.0	2211.6	2218.3	2268.1	2317.4	2383.9	2450.3	2507.6	2564.9	2632.1	2699.4
7.5°	1634.4	1649.0	1663.2	1716.3	1769.0	1840.5	1911.5	1986.3	2060.7	2148.5	2236.3
10°	1283.7	1311.3	1338.4	1392.8	1447.1	1517.8	1588.0	1666.2	1744.3	1830.8	1917.0
12.5°	1039.1	1075.9	1112.3	1177.5	1242.7	1327.2	1411.2	1498.1	1584.6	1660.7	1736.8
15°	821.0	861.1	900.8	969.8	1038.7	1131.5	1223.9	1318.8	1413.3	1504.4	1595.5
17.5°	640.4	673.4	706.0	764.5	822.6	912.5	1002.4	1101.8	1201.3	1312.5	1423.3
20°	516.6	530.4	544.2	586.5	628.3	701.4	774.1	875.7	977.3	1110.2	1243.1
22.5°	452.7	459.8	466.5	487.0	507.0	554.3	601.1	691.0	780.4	925.5	1070.1
25°	414.2	419.7	425.1	438.5	451.9	474.4	497.0	560.1	623.2	765.8	907.9
27.5°	379.5	387.9	395.8	402.1	408.0	423.4	438.5	479.9	521.2	654.2	786.7
30°	354.5	357.4	360.3	369.9	379.1	395.0	410.9	439.7	468.6	581.0	693.0
32.5°	325.2	329.4	333.6	343.6	353.6	368.3	382.9	406.3	429.3	525.4	621.1
35°	298.9	303.1	307.2	317.3	326.9	342.8	358.2	377.9	397.1	480.7	564.3
37.5°	282.6	286.7	290.9	299.7	308.1	324.0	339.4	354.9	369.9	447.3	524.6
40°	268.8	273.0	277.1	285.5	293.4	308.9	324.0	336.9	349.9	422.2	494.5
42.5°	256.7	261.3	265.8	274.2	282.2	295.9	309.7	326.9	343.6	400.4	456.9
45°	246.6	251.2	255.4	264.6	273.8	287.2	300.5	324.4	348.2	389.2	430.1
47.5°	237.4	242.4	247.0	257.1	267.1	283.8	300.1	320.2	339.8	380.4	420.9
50°	228.6	234.5	240.4	252.5	264.2	292.2	319.8	322.7	325.2	373.3	420.9
52.5°	220.3	227.0	233.7	248.7	263.3	295.9	328.5	318.1	307.2	359.9	412.6
55°	211.9	217.8	223.2	241.6	260.0	283.8	307.6	293.9	279.6	334.8	390.0
57.5°	200.6	206.9	212.8	232.4	252.1	268.8	285.1	272.5	259.6	306.4	352.8
60°	188.9	196.0	203.1	228.2	252.9	250.0	246.6	244.1	241.2	274.6	308.1
62.5°	178.5	186.0	193.5	226.1	258.7	238.7	218.6	220.7	222.4	247.0	271.7
65°	168.0	175.6	182.7	199.0	215.3	207.3	199.4	202.7	205.7	229.9	254.1
67.5°	156.3	163.0	169.3	174.7	180.2	181.0	181.8	185.2	188.5	217.4	245.8
70°	143.4	148.8	154.2	158.0	161.3	163.0	164.3	168.5	172.6	204.0	235.3
72.5°	128.7	133.3	137.5	140.9	144.2	145.5	146.3	150.5	154.7	188.1	221.5
75°	112.9	116.6	120.0	122.9	125.8	127.5	129.2	132.1	135.0	171.4	207.3
77.5°	95.3	99.1	102.4	104.9	107.0	108.7	109.9	113.7	117.5	148.0	178.1
80°	74.4	79.0	83.2	85.3	86.9	87.4	87.4	90.7	94.1	115.8	137.1
82.5°	52.7	57.7	62.3	64.0	65.6	65.6	65.6	69.4	73.2	87.8	102.0
85°	30.9	36.4	41.4	43.1	44.7	45.6	46.0	47.7	48.9	59.4	69.4
87.5°	9.6	14.2	18.4	19.2	20.1	21.7	23.4	23.8	23.8	30.9	38.0
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: P320227
 CATALOG NUMBER: GAN-SA3A-727-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°	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2	3185.2
2.5°	3133.8	3176.4	3226.1	3275.5	3317.7	3359.9	3395.0
5°	2785.1	2870.8	2975.7	3080.2	3173.5	3266.7	3374.9
7.5°	2347.1	2457.8	2593.7	2729.5	2861.2	2992.5	3158.8
10°	2029.8	2142.3	2286.0	2429.4	2577.4	2724.9	2913.0
12.5°	1828.3	1919.5	2058.7	2197.8	2371.7	2545.2	2726.2
15°	1695.4	1794.9	1930.3	2065.8	2255.9	2446.1	2654.3
17.5°	1553.7	1683.7	1857.2	2030.6	2255.9	2480.8	2726.2
20°	1405.3	1567.1	1792.0	2016.9	2320.3	2623.4	2936.5
22.5°	1257.3	1444.6	1733.0	2021.0	2417.7	2814.0	3236.6
25°	1124.0	1340.1	1697.1	2053.6	2559.4	3064.8	3589.0
27.5°	1022.8	1258.6	1682.5	2105.9	2739.2	3372.4	3972.3
30°	933.0	1172.9	1664.9	2156.9	2912.2	3667.1	4272.0
32.5°	855.2	1089.3	1631.0	2172.3	3033.0	3893.7	4525.7
35°	794.2	1024.1	1574.2	2124.3	3108.7	4093.1	4789.9
37.5°	741.5	958.5	1509.4	2060.3	3176.0	4291.6	5087.1
40°	691.4	888.3	1453.8	2018.9	3268.8	4518.6	5401.0
42.5°	643.7	830.6	1409.1	1987.6	3354.9	4721.7	5675.6
45°	608.2	786.3	1369.4	1952.1	3410.5	4868.9	5882.5
47.5°	590.6	759.9	1348.1	1935.8	3466.1	4995.9	6054.3
50°	588.1	755.3	1372.3	1989.3	3586.4	5183.2	6250.8
52.5°	587.7	762.9	1442.1	2121.4	3810.1	5498.4	6463.5
55°	578.9	767.4	1525.3	2282.7	4110.2	5937.3	6846.0
57.5°	552.2	751.6	1611.0	2470.0	4427.5	6384.5	7277.0
60°	510.8	713.1	1681.6	2649.7	4640.6	6631.2	7442.9
62.5°	459.0	645.8	1705.0	2763.8	4634.8	6505.8	7275.7
65°	414.7	575.2	1628.1	2680.6	4400.3	6119.5	6945.1
67.5°	375.4	504.5	1435.8	2366.7	3978.5	5589.9	6524.6
70°	346.9	458.1	1188.0	1917.8	3450.6	4983.0	6037.6
72.5°	329.0	436.0	968.5	1500.6	2800.2	4099.3	5164.4
75°	304.3	401.3	759.9	1118.2	2143.1	3168.0	3900.8
77.5°	258.3	338.2	572.7	807.2	1572.5	2337.5	2712.8
80°	199.4	261.3	393.8	526.3	1082.2	1638.1	1849.7
82.5°	142.1	182.2	238.7	295.1	719.0	1142.4	1160.0
85°	87.8	106.2	136.7	167.2	475.7	784.2	653.3
87.5°	47.2	56.4	72.3	87.8	152.2	216.5	124.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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)