

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: P320428

Luminaire Tested: **GAN-SA4A-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320428
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-SA4A-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 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: 12144 lumens
Efficiency: N/A
Efficacy: 94.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

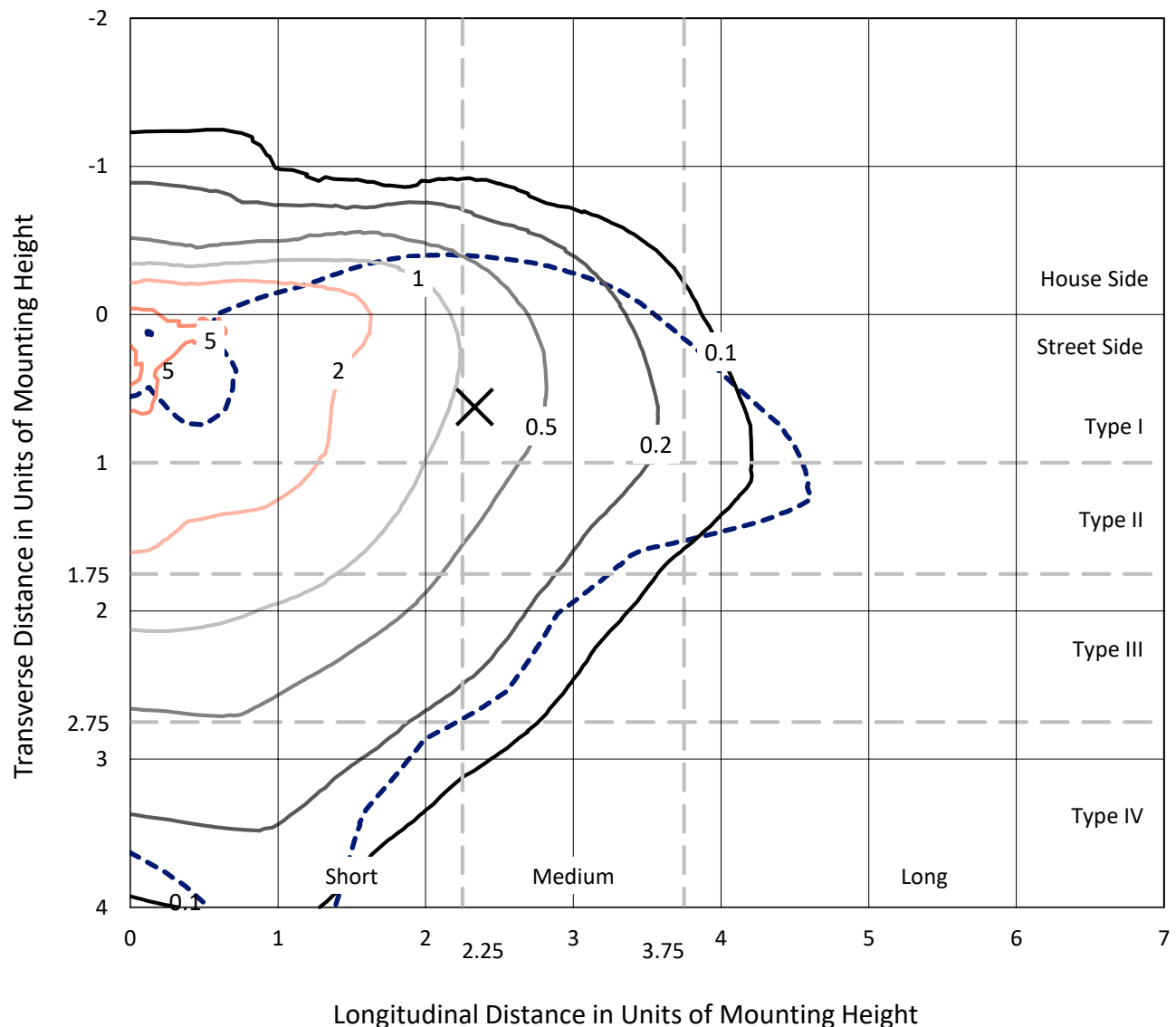
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

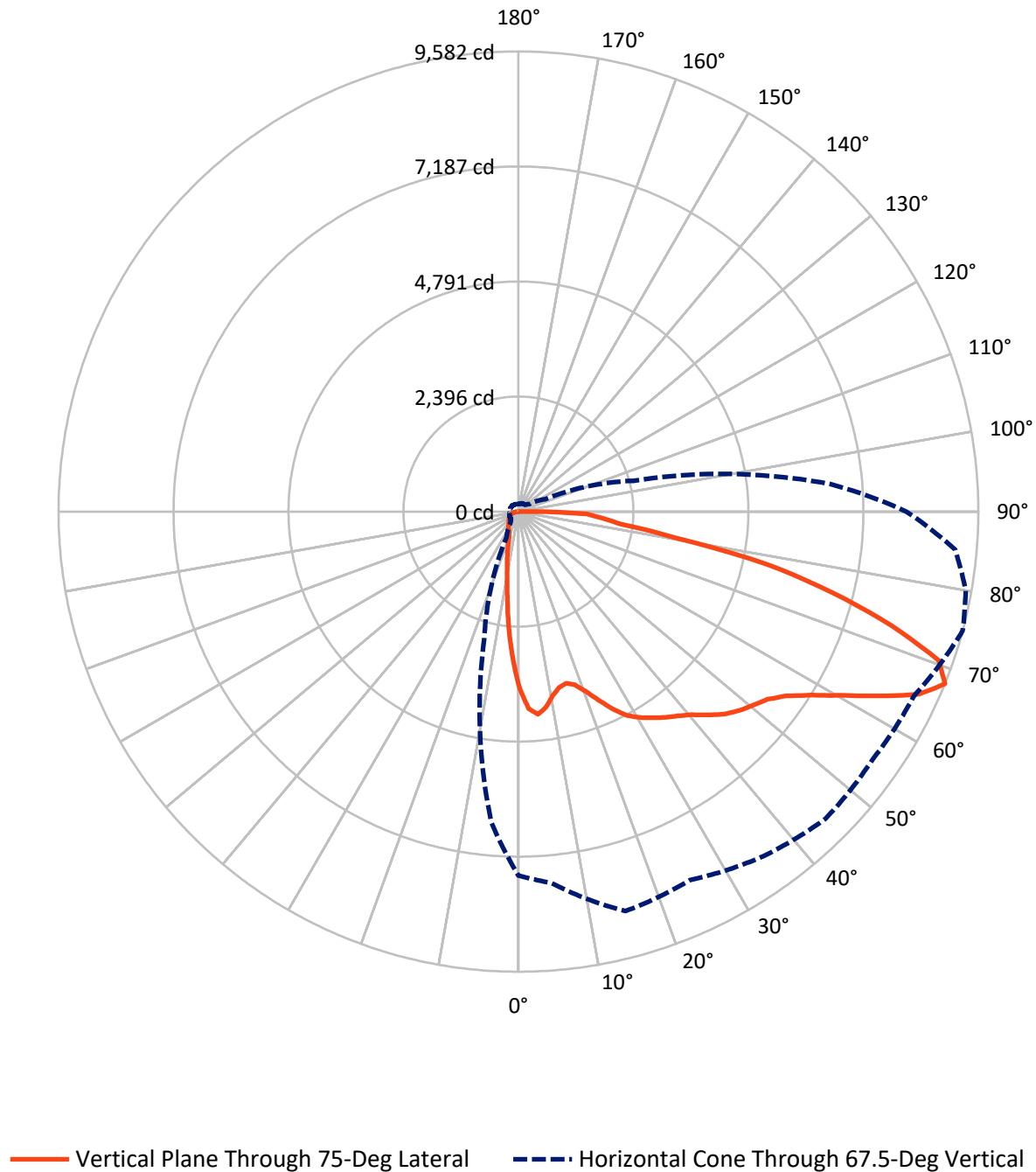
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.4 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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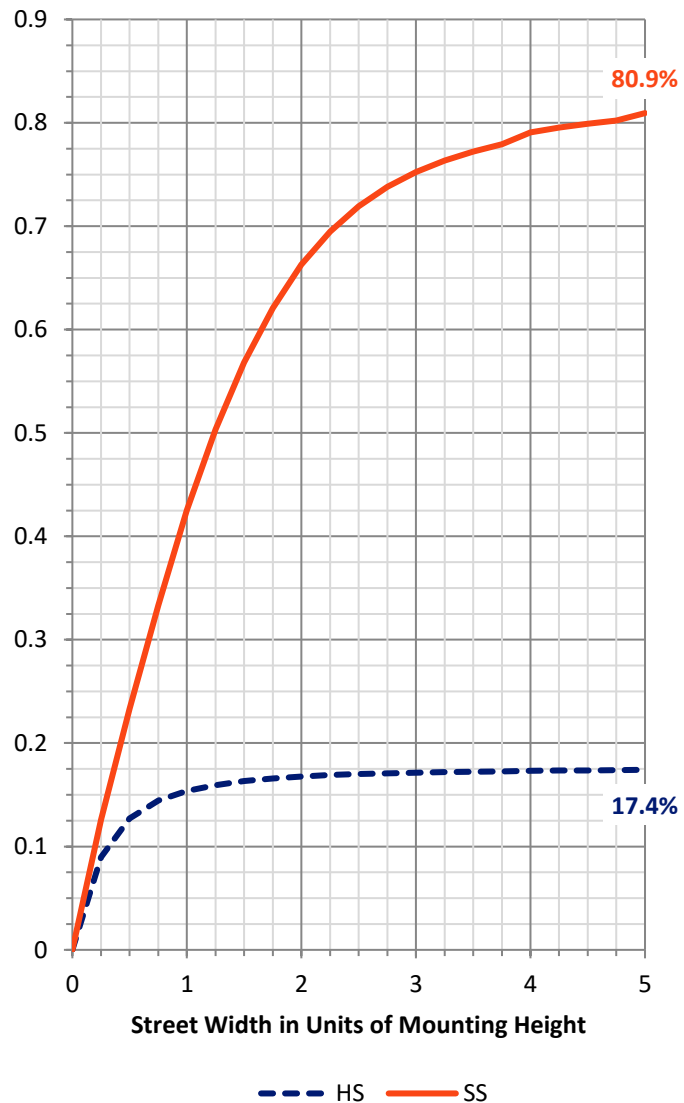
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2138.9	0.0	2138.9
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	10005.1	0.0	10005.1
	% Fixture	82.4	0.0	82.4
Total	Lumens	12144.0	0.0	12144.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.5	2.4
10°-20°	593.2	4.9
20°-30°	843.6	6.9
30°-40°	1215.7	10.0
40°-50°	1713.2	14.1
50°-60°	2381.6	19.6
60°-70°	2880.1	23.7
70°-80°	1770.4	14.6
80°-90°	460.7	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°	12144.0	100.0
0°-180°	12144.0	100.0

Coefficient of Utilization



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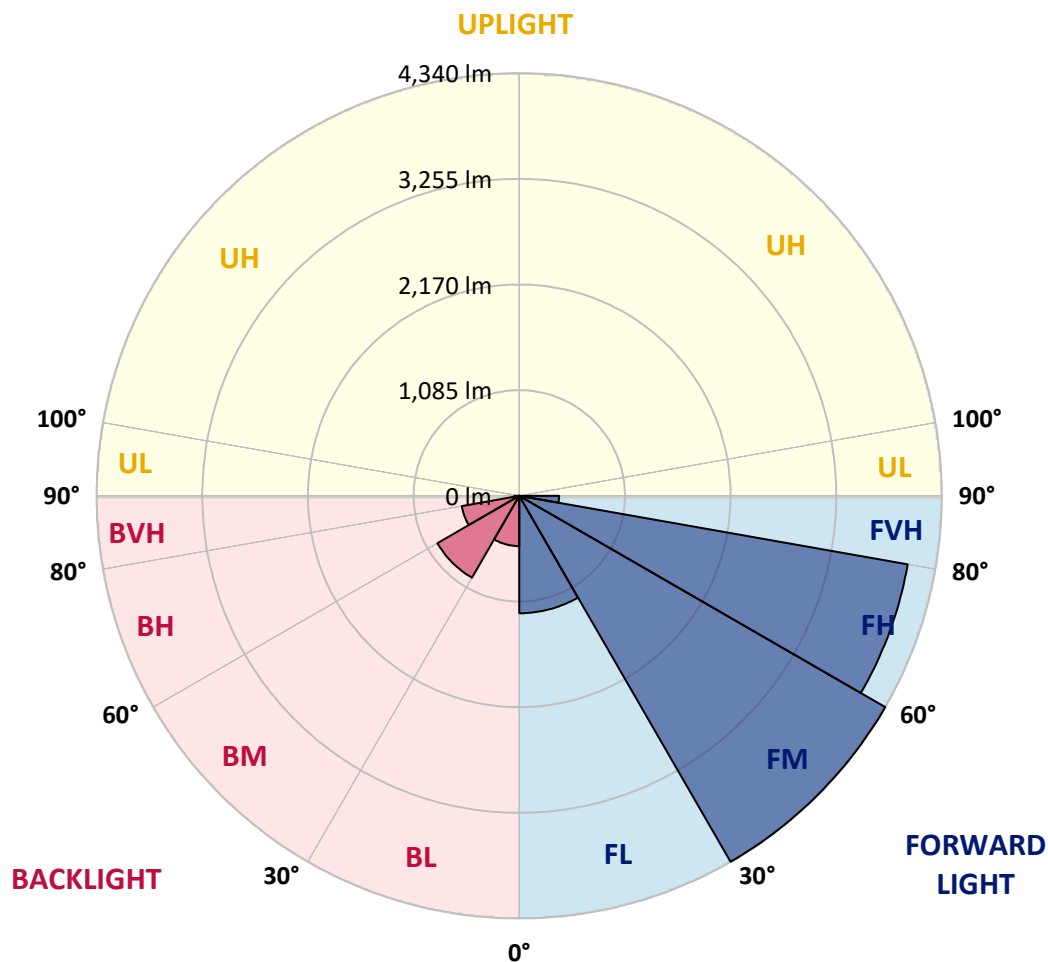
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1205.8	9.9			
FM	(30°-60°)	4339.6	35.7			
FH	(60°-80°)	4050.8	33.4			G2/5000
FVH	(80°-90°)	408.9	3.4			G3/500
BL	(0°-30°)	516.6	4.3	B2/1000		
BM	(30°-60°)	970.9	8.0	B1/1000		
BH	(60°-80°)	599.7	4.9	B2/1000		G2/1000
BVH	(80°-90°)	51.8	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°	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7
2.5°	3943.5	3995.4	4031.3	4066.8	4094.5	4121.7	4161.5	4201.3	4209.0	4216.3	4200.8
5°	3920.2	4046.9	4154.7	4262.0	4361.5	4461.0	4520.8	4580.5	4592.6	4604.8	4567.4
7.5°	3669.1	3856.1	4043.0	4229.9	4401.3	4572.7	4677.1	4781.0	4804.8	4828.1	4766.9
10°	3383.6	3601.2	3830.8	4060.5	4286.2	4512.0	4663.0	4814.0	4844.1	4874.2	4798.0
12.5°	3166.6	3404.0	3649.2	3894.4	4132.8	4370.7	4527.1	4683.4	4720.8	4758.2	4702.8
15°	3083.1	3343.3	3574.0	3804.6	4012.4	4219.7	4347.9	4475.6	4491.1	4506.2	4497.4
17.5°	3166.6	3453.6	3662.3	3870.6	3983.8	4096.4	4147.9	4198.8	4215.8	4232.4	4254.7
20°	3410.8	3720.6	3867.7	4014.3	4009.5	4004.2	3979.4	3954.1	3949.8	3945.4	4008.5
22.5°	3759.4	4119.2	4178.0	4236.2	4099.8	3963.4	3880.3	3796.8	3780.3	3763.3	3830.3
25°	4168.7	4551.8	4541.1	4530.0	4270.2	4010.0	3851.7	3693.4	3675.0	3656.5	3713.8
27.5°	4614.0	4980.1	4910.1	4840.2	4487.3	4134.3	3904.6	3675.0	3656.5	3638.1	3688.6
30°	4962.1	5294.2	5182.0	5069.9	4670.3	4270.7	3997.8	3725.0	3694.9	3664.3	3726.4
32.5°	5256.8	5539.4	5388.9	5238.4	4818.9	4399.4	4104.2	3809.0	3761.9	3714.8	3797.8
35°	5563.7	5784.1	5572.4	5360.2	4951.4	4542.1	4229.9	3917.2	3859.5	3801.7	3915.8
37.5°	5908.9	6091.9	5788.0	5483.6	5100.5	4717.4	4418.3	4118.7	4059.5	4000.3	4145.9
40°	6273.5	6426.0	6020.6	5615.1	5263.6	4912.1	4679.0	4445.5	4389.2	4332.4	4509.1
42.5°	6592.5	6703.7	6237.1	5770.5	5460.3	5149.5	4985.4	4820.8	4820.3	4819.4	4998.5
45°	6832.8	6929.5	6417.7	5905.5	5652.0	5398.1	5312.7	5227.2	5295.7	5364.1	5526.3
47.5°	7032.4	7097.9	6569.2	6040.0	5871.5	5703.0	5715.6	5728.3	5867.6	6007.0	6111.3
50°	7260.6	7207.7	6706.6	6205.1	6153.1	6101.2	6214.8	6327.9	6488.1	6647.9	6718.7
52.5°	7507.7	7367.4	6893.0	6418.2	6476.5	6534.7	6765.8	6996.9	7158.6	7320.3	7347.0
55°	7952.0	7736.9	7235.8	6734.3	6846.4	6958.1	7297.5	7636.4	7762.6	7888.9	7898.6
57.5°	8452.6	8261.8	7716.0	7170.3	7290.7	7411.1	7802.9	8194.3	8330.7	8466.6	8447.7
60°	8645.3	8654.5	8171.9	7688.8	7810.2	7931.6	8313.2	8694.8	8851.7	9008.0	8966.3
62.5°	8451.1	8678.8	8421.0	8162.7	8272.9	8382.6	8756.5	9130.4	9291.1	9451.8	9379.0
65°	8067.1	8292.8	8408.4	8523.9	8560.4	8596.8	8945.9	9294.5	9417.8	9540.6	9503.7
67.5°	7578.6	7761.2	8187.5	8613.3	8540.0	8466.6	8630.3	8793.9	8920.6	9047.3	9026.5
70°	7013.0	7230.5	7799.0	8367.6	8007.3	7646.6	7579.1	7511.6	7648.5	7785.0	7700.5
72.5°	5998.7	6326.9	6933.3	7539.3	6875.6	6211.9	5981.2	5750.6	5923.9	6097.3	5962.8
75°	4531.0	4966.5	5636.5	6306.0	5514.1	4722.2	4414.4	4106.6	4255.7	4404.7	4312.5
77.5°	3151.1	3697.3	4357.1	5017.0	4212.0	3406.5	3177.8	2948.6	2993.3	3037.5	3021.9
80°	2148.5	2507.8	2968.0	3427.8	2891.8	2355.8	2373.7	2391.2	2370.3	2349.0	2380.1
82.5°	1347.3	1600.3	1955.7	2310.6	2026.1	1741.6	1904.7	2067.9	1987.8	1907.2	1937.3
85°	758.9	913.3	1260.9	1608.1	1498.8	1389.1	1484.7	1579.9	1455.6	1331.3	1386.2
87.5°	144.7	240.8	697.7	1154.1	1047.8	941.4	818.1	694.8	530.2	365.6	534.1
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



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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°	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7
2.5°	4185.3	4177.0	4168.7	4139.1	4109.0	4064.4	4027.5	3963.4	3928.4	3875.5	3822.6
5°	4529.5	4477.1	4424.6	4334.3	4243.5	4142.5	4026.5	3897.8	3800.7	3674.5	3548.2
7.5°	4705.7	4583.4	4460.5	4287.2	4113.4	3957.1	3773.5	3602.6	3457.0	3292.9	3128.7
10°	4721.8	4538.2	4354.2	4128.9	3903.2	3713.3	3502.1	3312.3	3137.5	2949.1	2760.2
12.5°	4647.0	4451.8	4256.1	4008.0	3759.4	3543.9	3316.6	3104.0	2910.3	2702.9	2495.1
15°	4488.7	4332.9	4176.5	3943.9	3711.4	3493.9	3273.4	3021.4	2802.5	2590.3	2377.6
17.5°	4276.5	4202.7	4128.4	3960.5	3792.0	3603.6	3390.0	3094.3	2837.9	2607.3	2376.7
20°	4071.2	4098.3	4125.0	4058.0	3991.0	3840.0	3653.6	3321.5	2994.3	2692.7	2390.7
22.5°	3896.9	4027.5	4157.6	4209.5	4261.0	4170.2	4024.5	3640.5	3207.4	2813.6	2419.9
25°	3770.6	3987.2	4203.7	4376.6	4548.9	4508.6	4396.5	4027.9	3490.0	2987.9	2485.4
27.5°	3739.1	4004.6	4270.2	4538.2	4805.8	4843.1	4812.1	4436.3	3826.9	3204.5	2581.6
30°	3788.6	4057.6	4326.1	4652.3	4978.1	5127.2	5168.9	4776.6	4212.0	3457.0	2701.5
32.5°	3880.8	4144.5	4408.1	4763.5	5118.4	5343.7	5476.8	5087.9	4480.5	3647.3	2813.6
35°	4029.9	4276.5	4523.2	4893.2	5263.1	5554.4	5797.2	5409.3	4718.9	3780.3	2841.3
37.5°	4291.1	4503.3	4715.5	5057.3	5398.6	5776.3	6141.0	5763.2	4976.7	3908.5	2839.9
40°	4685.8	4835.9	4985.4	5274.3	5562.7	6038.0	6530.4	6158.0	5261.7	4047.4	2833.1
42.5°	5177.7	5254.9	5331.6	5560.3	5789.0	6311.4	6883.8	6544.0	5533.6	4176.5	2819.5
45°	5688.0	5708.4	5728.7	5873.0	6016.7	6527.9	7124.6	6833.8	5771.0	4288.7	2805.9
47.5°	6215.2	6145.3	6075.4	6132.7	6190.0	6694.0	7296.5	7053.8	6009.4	4413.0	2816.1
50°	6789.6	6594.9	6400.2	6370.1	6340.0	6860.0	7499.0	7333.4	6295.8	4594.1	2892.3
52.5°	7373.2	7052.3	6731.4	6612.4	6493.0	7058.1	7767.5	7681.5	6704.7	4874.7	3044.3
55°	7908.3	7500.0	7091.6	6931.4	6771.2	7361.1	8095.2	8192.8	7228.5	5233.5	3238.0
57.5°	8428.3	7965.6	7502.9	7354.3	7205.7	7806.3	8510.3	8651.6	7757.8	5577.8	3397.2
60°	8924.5	8466.6	8008.3	7889.4	7769.9	8359.8	8959.0	8856.0	8030.6	5738.9	3446.8
62.5°	9306.1	8942.0	8577.8	8515.2	8452.1	8919.6	9303.7	8776.4	7857.3	5580.2	3303.0
65°	9466.8	9259.5	9051.7	9110.5	9168.7	9343.0	9389.6	8543.4	7312.5	5135.4	2958.3
67.5°	9005.1	9047.3	9089.6	9336.2	9582.4	9462.5	9134.2	8084.0	6537.2	4505.2	2473.3
70°	7615.5	7869.0	8121.9	8705.5	9288.6	9022.6	8450.1	7259.6	5604.0	3779.4	1954.3
72.5°	5827.8	6112.8	6397.3	7263.5	8129.2	7884.0	7182.9	5962.8	4493.1	3018.0	1542.5
75°	4219.7	4541.6	4863.1	5818.6	6774.1	6433.7	5372.9	4269.3	3412.8	2303.8	1194.4
77.5°	3005.9	3221.5	3437.1	4380.9	5324.3	4769.8	3576.4	2872.9	2362.1	1601.3	840.0
80°	2411.1	2345.1	2279.1	2804.9	3330.7	3238.5	2365.5	1845.0	1634.8	1073.0	511.3
82.5°	1966.9	1805.7	1644.5	1892.1	2139.7	2126.1	1641.6	1353.7	1216.7	745.8	274.8
85°	1440.6	1376.0	1311.4	1530.4	1749.4	1562.4	1111.9	860.4	948.7	549.1	149.5
87.5°	702.6	802.6	902.1	1160.4	1418.2	1064.8	337.4	167.0	231.1	152.0	72.3
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: P320428

CATALOG NUMBER: GAN-SA4A-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: P320428

CATALOG NUMBER: GAN-SA4A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7
2.5°	3783.2	3743.4	3698.3	3653.1	3601.6	3549.7	3519.1	3488.0	3454.5	3421.0	3383.2
5°	3464.7	3381.2	3286.5	3191.9	3098.2	3004.4	2954.0	2903.5	2850.1	2796.2	2749.5
7.5°	3007.4	2885.5	2754.4	2622.8	2506.3	2389.3	2316.9	2244.1	2178.1	2111.6	2055.7
10°	2604.9	2449.5	2317.9	2185.8	2098.0	2010.1	1943.6	1877.1	1813.0	1748.4	1686.7
12.5°	2339.8	2184.4	2100.9	2017.4	1944.5	1871.7	1795.0	1717.8	1629.9	1541.6	1477.0
15°	2236.3	2095.1	2002.3	1909.1	1811.5	1713.4	1619.2	1525.0	1421.1	1317.2	1243.9
17.5°	2191.7	2006.7	1877.1	1746.9	1618.3	1489.6	1380.4	1271.1	1157.5	1043.9	969.6
20°	2144.6	1898.4	1724.6	1550.3	1385.2	1220.1	1096.3	972.5	871.0	769.6	712.8
22.5°	2101.9	1783.3	1565.3	1346.9	1151.7	956.5	835.1	713.2	651.1	588.9	566.1
25°	2084.4	1682.8	1414.8	1146.8	941.0	734.6	648.2	561.8	538.0	513.7	502.0
27.5°	2087.3	1593.0	1288.1	982.7	797.2	611.8	552.5	493.3	478.7	463.7	456.4
30°	2098.5	1495.4	1168.7	841.9	689.0	536.0	497.7	458.8	443.3	427.8	418.5
32.5°	2111.1	1408.0	1076.4	744.3	619.5	494.3	462.7	430.7	415.6	400.6	391.3
35°	2089.2	1336.7	1013.3	689.9	574.9	459.3	432.6	405.4	388.9	372.4	363.7
37.5°	2052.3	1264.8	964.3	663.2	545.7	427.8	408.3	388.4	371.4	354.0	345.7
40°	2018.8	1204.1	927.8	651.1	529.7	407.8	391.3	374.8	357.3	339.4	329.7
42.5°	1991.6	1163.3	891.9	620.5	515.1	409.3	386.0	362.2	345.2	328.2	317.5
45°	1971.2	1136.6	863.8	590.9	501.6	412.2	382.6	353.0	336.0	318.5	305.9
47.5°	1969.3	1122.5	843.8	565.2	475.8	386.0	373.9	361.7	337.0	311.7	297.1
50°	1996.0	1099.7	820.5	540.9	451.1	361.2	377.7	393.8	351.5	308.8	290.3
52.5°	2051.8	1059.4	783.6	507.9	421.0	333.6	359.3	384.5	348.1	311.2	287.4
55°	2119.3	1000.2	727.8	454.9	381.1	306.9	329.7	352.0	329.2	305.9	277.2
57.5°	2161.6	925.4	657.4	389.4	336.5	283.5	296.7	309.3	300.1	290.8	261.7
60°	2136.3	825.9	578.3	330.2	297.1	264.1	261.7	258.8	272.4	286.0	252.5
62.5°	2013.0	723.0	508.3	293.7	269.0	243.7	238.4	232.6	254.9	276.8	241.3
65°	1804.7	651.1	464.2	277.2	249.6	221.9	216.1	210.2	217.0	223.8	207.3
67.5°	1540.1	606.9	438.9	270.9	237.4	203.4	196.6	189.8	188.4	186.9	181.1
70°	1267.2	579.7	422.4	265.1	224.3	183.0	176.7	170.4	168.5	166.1	161.7
72.5°	1059.4	576.3	420.5	264.6	213.6	162.7	156.8	151.0	148.6	145.7	142.3
75°	867.6	540.9	399.1	257.3	199.1	140.3	135.0	129.6	127.7	125.3	122.4
77.5°	643.8	447.7	335.5	223.3	170.4	117.5	112.2	106.3	105.8	104.9	102.4
80°	417.6	323.8	239.9	155.9	124.3	92.3	87.9	83.0	83.5	84.0	82.1
82.5°	232.1	188.9	146.6	104.4	85.0	65.5	63.6	61.2	62.6	63.6	61.2
85°	122.4	95.2	78.7	62.1	49.0	35.9	35.9	35.4	37.4	39.3	37.4
87.5°	52.9	33.5	28.6	23.3	13.1	2.4	2.9	2.9	3.9	4.9	4.4
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: P320428
 CATALOG NUMBER: GAN-SA4A-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: P320428

CATALOG NUMBER: GAN-SA4A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7
2.5°	3344.8	3309.4	3273.4	3234.1	3241.4	3211.3	3181.2	3162.2	3143.3	3137.5	3131.7
5°	2702.9	2662.6	2621.9	2585.4	2617.0	2595.6	2574.3	2571.4	2568.0	2568.0	2567.5
7.5°	1999.9	1956.7	1913.0	1882.9	1914.0	1910.1	1906.2	1927.1	1947.9	1964.9	1981.4
10°	1625.1	1572.6	1519.7	1475.0	1467.3	1444.9	1422.1	1427.0	1431.3	1449.8	1468.2
12.5°	1412.4	1349.8	1287.1	1234.7	1210.9	1174.0	1136.6	1113.3	1090.0	1092.4	1094.4
15°	1170.1	1109.4	1048.3	1003.1	988.1	959.4	930.8	901.6	872.0	859.9	847.2
17.5°	894.8	846.3	797.2	767.1	767.1	758.9	750.6	736.1	721.0	708.9	696.2
20°	655.9	630.2	604.0	591.4	595.3	595.7	595.7	603.0	610.3	606.4	602.5
22.5°	542.8	533.6	524.4	519.0	521.0	521.5	521.9	528.7	535.1	539.9	544.3
25°	489.9	484.1	478.2	476.3	480.7	481.2	481.2	485.5	489.9	494.8	499.6
27.5°	448.6	446.2	443.8	440.4	444.7	444.7	444.3	449.1	453.5	457.9	461.7
30°	409.3	410.3	410.8	409.8	412.7	414.6	416.1	419.5	422.4	425.8	429.2
32.5°	381.6	380.2	378.7	377.7	384.1	387.5	390.9	394.2	397.2	398.6	400.1
35°	354.9	351.5	348.1	345.7	351.5	355.9	360.3	366.6	372.4	373.4	374.3
37.5°	337.0	332.6	328.2	325.3	327.7	329.7	331.6	338.4	345.2	349.1	352.5
40°	320.0	315.6	311.2	308.8	310.3	310.7	311.2	314.6	317.5	324.8	331.6
42.5°	306.4	301.0	295.7	292.8	293.7	294.7	295.2	294.7	294.2	301.0	307.8
45°	292.8	286.9	281.1	277.7	278.2	278.2	278.2	277.2	275.8	279.2	282.6
47.5°	282.1	275.3	268.5	265.1	264.1	263.2	262.2	261.7	260.7	263.2	265.1
50°	271.4	264.1	256.4	252.5	250.0	249.1	248.1	247.6	246.6	249.1	251.0
52.5°	263.2	254.4	245.7	239.4	236.9	235.5	234.0	234.5	234.5	235.5	236.0
55°	248.6	240.8	232.6	228.2	223.8	222.9	221.9	223.3	224.3	224.3	224.3
57.5°	232.6	225.3	217.5	214.6	210.7	210.7	210.2	212.2	213.6	214.6	215.6
60°	218.5	210.2	202.0	199.6	198.1	197.6	197.1	199.6	201.5	203.4	205.4
62.5°	205.4	196.6	187.9	185.0	184.5	185.0	185.0	187.4	189.4	191.3	193.2
65°	190.8	182.1	172.8	169.9	170.9	172.4	173.8	175.8	177.2	179.2	181.1
67.5°	174.8	167.5	159.7	156.8	157.3	159.3	161.2	162.7	163.6	165.6	167.5
70°	157.3	151.0	144.7	142.7	142.3	144.7	146.6	147.6	148.6	151.0	152.9
72.5°	138.4	133.0	127.7	126.2	126.7	128.2	129.6	131.1	132.1	134.5	136.4
75°	119.0	114.1	109.2	108.3	109.2	110.7	112.2	113.1	114.1	117.0	119.4
77.5°	100.0	94.7	88.9	88.4	89.8	91.3	92.3	93.7	95.2	99.0	102.9
80°	80.1	74.3	68.0	67.5	68.9	70.4	71.9	73.3	74.8	79.6	84.0
82.5°	58.7	52.0	45.2	44.2	49.0	50.5	52.0	54.4	56.3	60.7	65.1
85°	35.4	28.6	21.8	21.4	25.7	28.2	30.6	33.5	35.9	39.8	43.7
87.5°	3.9	1.9	0.0	0.0	0.5	2.4	4.4	6.8	9.2	13.1	16.5
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: P320428
 CATALOG NUMBER: GAN-SA4A-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: P320428

CATALOG NUMBER: GAN-SA4A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7
2.5°	3110.3	3088.4	3110.8	3132.6	3141.9	3151.1	3127.3	3103.0	3140.9	3178.3	3188.0
5°	2548.1	2528.1	2543.2	2557.8	2525.2	2492.7	2489.3	2485.4	2513.6	2541.7	2546.1
7.5°	1975.1	1968.8	1982.9	1997.0	1955.7	1914.0	1893.6	1873.2	1880.0	1886.8	1885.8
10°	1472.6	1476.5	1494.0	1511.0	1478.9	1446.9	1432.8	1418.7	1434.3	1449.3	1463.4
12.5°	1103.1	1111.4	1129.8	1147.8	1134.7	1121.1	1122.5	1124.0	1142.0	1159.4	1175.0
15°	857.0	866.7	879.8	892.4	892.9	892.9	905.5	917.6	916.2	914.7	925.4
17.5°	709.4	722.0	723.4	724.9	725.4	725.9	724.9	723.9	716.6	709.4	717.6
20°	607.4	611.8	615.7	619.0	614.7	609.8	597.7	585.5	580.7	575.8	583.6
22.5°	552.5	560.3	556.4	552.0	543.3	534.1	524.9	515.1	514.7	513.7	518.1
25°	506.4	512.7	505.9	499.1	492.8	486.5	480.2	473.9	473.4	472.9	474.8
27.5°	468.0	473.9	467.6	461.3	455.9	450.6	445.7	440.9	439.9	438.9	439.4
30°	435.0	440.4	435.0	429.2	425.3	421.0	417.6	414.2	413.7	413.2	413.2
32.5°	405.4	410.8	406.9	403.0	399.6	396.2	393.8	391.3	388.9	386.5	381.1
35°	379.7	385.0	382.6	379.7	375.8	371.9	367.5	362.7	356.4	349.6	346.7
37.5°	357.8	363.2	360.7	358.3	353.0	347.6	339.9	331.6	329.7	327.2	326.8
40°	340.4	348.6	343.8	338.4	330.2	321.9	318.0	314.1	313.2	312.2	311.2
42.5°	320.9	333.6	324.8	316.1	308.3	300.5	299.6	298.6	298.1	297.6	297.6
45°	296.7	310.3	301.5	292.3	287.9	283.5	283.5	283.5	284.0	284.0	285.0
47.5°	273.8	282.1	277.7	273.4	270.9	268.5	269.0	269.5	270.9	271.9	274.3
50°	254.4	257.3	258.3	258.8	257.3	255.9	256.8	257.3	258.8	259.8	261.7
52.5°	240.3	244.7	244.7	244.2	244.2	244.2	245.2	246.2	247.6	249.1	251.0
55°	231.1	237.4	235.5	233.5	234.0	234.0	235.0	236.0	237.4	238.4	241.3
57.5°	222.4	229.2	227.2	225.3	225.3	225.3	225.8	226.3	227.7	228.7	230.6
60°	212.2	219.0	217.0	214.6	215.1	215.6	216.1	216.1	217.0	217.5	217.5
62.5°	200.0	206.8	204.9	202.5	203.9	204.9	204.9	204.9	205.9	206.3	204.9
65°	187.4	193.7	191.8	189.8	191.8	193.2	194.2	194.7	194.2	193.7	192.3
67.5°	173.8	180.1	178.2	175.8	178.2	180.1	182.1	183.5	182.1	180.6	178.7
70°	159.3	165.6	163.1	160.7	163.1	165.6	167.5	169.4	167.5	165.6	165.1
72.5°	143.7	151.0	148.1	145.2	148.1	151.0	152.0	152.9	151.5	150.0	149.1
75°	126.7	134.0	131.6	128.7	131.1	133.5	134.0	134.5	134.5	134.0	131.1
77.5°	108.8	114.6	113.1	111.7	113.1	114.6	114.6	114.6	115.1	115.1	111.2
80°	87.4	90.8	91.3	91.8	92.3	92.7	92.3	91.8	90.8	89.8	87.4
82.5°	65.1	65.1	68.9	72.3	72.3	71.9	71.4	70.4	68.5	66.0	60.7
85°	41.3	38.8	45.2	51.0	51.0	50.5	49.5	48.1	44.2	39.8	35.4
87.5°	14.1	11.7	18.0	24.3	24.8	24.8	23.8	22.8	18.9	14.6	11.2
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: P320428
 CATALOG NUMBER: GAN-SA4A-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: P320428

CATALOG NUMBER: GAN-SA4A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7
2.5°	3202.5	3208.9	3214.7	3262.3	3309.4	3364.7	3420.1	3462.3	3504.1	3547.3	3590.5
5°	2561.2	2568.9	2576.7	2634.5	2691.8	2769.0	2846.2	2912.7	2979.2	3057.4	3135.5
7.5°	1898.4	1915.4	1931.9	1993.6	2054.8	2137.8	2220.3	2307.2	2393.7	2495.6	2597.6
10°	1491.1	1523.1	1554.7	1617.8	1680.9	1763.0	1844.5	1935.3	2026.1	2126.6	2226.6
12.5°	1207.0	1249.8	1292.0	1367.7	1443.5	1541.6	1639.1	1740.1	1840.6	1929.0	2017.4
15°	953.6	1000.2	1046.3	1126.4	1206.5	1314.3	1421.6	1531.8	1641.6	1747.4	1853.3
17.5°	743.8	782.2	820.1	888.0	955.5	1059.9	1164.3	1279.9	1395.4	1524.6	1653.2
20°	600.1	616.1	632.2	681.2	729.7	814.7	899.2	1017.2	1135.2	1289.6	1444.0
22.5°	525.8	534.1	541.8	565.6	588.9	643.8	698.2	802.6	906.5	1075.0	1243.0
25°	481.2	487.5	493.8	509.3	524.9	551.1	577.3	650.6	723.9	889.5	1054.6
27.5°	440.9	450.6	459.8	467.1	473.9	491.8	509.3	557.4	605.5	759.9	913.8
30°	411.7	415.1	418.5	429.7	440.4	458.8	477.3	510.8	544.3	674.9	805.0
32.5°	377.7	382.6	387.5	399.1	410.8	427.8	444.7	471.9	498.6	610.3	721.5
35°	347.2	352.0	356.9	368.5	379.7	398.1	416.1	438.9	461.3	558.4	655.5
37.5°	328.2	333.1	337.9	348.1	357.8	376.3	394.2	412.2	429.7	519.5	609.3
40°	312.2	317.1	321.9	331.6	340.8	358.8	376.3	391.3	406.4	490.4	574.4
42.5°	298.1	303.5	308.8	318.5	327.7	343.8	359.8	379.7	399.1	465.1	530.7
45°	286.5	291.8	296.7	307.3	318.0	333.6	349.1	376.8	404.4	452.0	499.6
47.5°	275.8	281.6	286.9	298.6	310.3	329.7	348.6	371.9	394.7	441.8	488.9
50°	265.6	272.4	279.2	293.3	306.9	339.4	371.4	374.8	377.7	433.6	488.9
52.5°	255.9	263.6	271.4	288.9	305.9	343.8	381.6	369.5	356.9	418.0	479.2
55°	246.2	253.0	259.3	280.6	302.0	329.7	357.3	341.3	324.8	388.9	453.0
57.5°	233.1	240.3	247.1	270.0	292.8	312.2	331.1	316.6	301.5	355.9	409.8
60°	219.5	227.7	236.0	265.1	293.7	290.3	286.5	283.5	280.1	319.0	357.8
62.5°	207.3	216.1	224.8	262.7	300.5	277.2	253.9	256.4	258.3	286.9	315.6
65°	195.2	203.9	212.2	231.1	250.0	240.8	231.6	235.5	238.9	267.0	295.2
67.5°	181.6	189.4	196.6	203.0	209.3	210.2	211.2	215.1	219.0	252.5	285.5
70°	166.5	172.8	179.2	183.5	187.4	189.4	190.8	195.7	200.5	236.9	273.4
72.5°	149.5	154.9	159.7	163.6	167.5	169.0	169.9	174.8	179.6	218.5	257.3
75°	131.1	135.5	139.3	142.7	146.1	148.1	150.0	153.4	156.8	199.1	240.8
77.5°	110.7	115.1	119.0	121.9	124.3	126.2	127.7	132.1	136.4	171.9	206.8
80°	86.4	91.8	96.6	99.0	101.0	101.5	101.5	105.4	109.2	134.5	159.3
82.5°	61.2	67.0	72.3	74.3	76.2	76.2	76.2	80.6	85.0	102.0	118.5
85°	35.9	42.2	48.1	50.0	52.0	52.9	53.4	55.4	56.8	68.9	80.6
87.5°	11.2	16.5	21.4	22.3	23.3	25.2	27.2	27.7	27.7	35.9	44.2
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: P320428
 CATALOG NUMBER: GAN-SA4A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7	3699.7
2.5°	3640.0	3689.5	3747.3	3804.6	3853.6	3902.7	3943.5
5°	3235.1	3334.6	3456.5	3577.9	3686.1	3794.4	3920.2
7.5°	2726.2	2854.9	3012.7	3170.5	3323.4	3475.9	3669.1
10°	2357.7	2488.3	2655.4	2821.9	2993.8	3165.2	3383.6
12.5°	2123.7	2229.5	2391.2	2552.9	2754.9	2956.4	3166.6
15°	1969.3	2084.9	2242.2	2399.5	2620.4	2841.3	3083.1
17.5°	1804.7	1955.7	2157.2	2358.7	2620.4	2881.6	3166.6
20°	1632.3	1820.2	2081.5	2342.7	2695.2	3047.2	3410.8
22.5°	1460.5	1678.0	2013.0	2347.5	2808.3	3268.6	3759.4
25°	1305.6	1556.6	1971.2	2385.4	2972.9	3559.9	4168.7
27.5°	1188.1	1461.9	1954.3	2446.1	3181.7	3917.2	4614.0
30°	1083.7	1362.4	1933.9	2505.3	3382.7	4259.5	4962.1
32.5°	993.4	1265.3	1894.5	2523.3	3523.0	4522.7	5256.8
35°	922.5	1189.5	1828.5	2467.5	3610.9	4754.3	5563.7
37.5°	861.3	1113.3	1753.2	2393.2	3689.0	4984.9	5908.9
40°	803.1	1031.7	1688.7	2345.1	3796.8	5248.6	6273.5
42.5°	747.7	964.7	1636.7	2308.7	3896.9	5484.5	6592.5
45°	706.4	913.3	1590.6	2267.4	3961.4	5655.4	6832.8
47.5°	686.1	882.7	1565.8	2248.5	4026.0	5803.0	7032.4
50°	683.1	877.3	1594.0	2310.6	4165.8	6020.6	7260.6
52.5°	682.7	886.1	1675.1	2464.1	4425.6	6386.6	7507.7
55°	672.5	891.4	1771.7	2651.5	4774.2	6896.4	7952.0
57.5°	641.4	873.0	1871.2	2869.0	5142.7	7416.0	8452.6
60°	593.3	828.3	1953.3	3077.8	5390.3	7702.4	8645.3
62.5°	533.1	750.1	1980.5	3210.3	5383.5	7556.8	8451.1
65°	481.6	668.1	1891.1	3113.7	5111.2	7108.1	8067.1
67.5°	436.0	586.0	1667.8	2749.1	4621.3	6493.0	7578.6
70°	403.0	532.1	1379.9	2227.6	4008.0	5788.0	7013.0
72.5°	382.1	506.4	1125.0	1743.0	3252.6	4761.6	5998.7
75°	353.5	466.1	882.7	1298.8	2489.3	3679.8	4531.0
77.5°	300.1	392.8	665.2	937.6	1826.6	2715.1	3151.1
80°	231.6	303.5	457.4	611.3	1257.0	1902.8	2148.5
82.5°	165.1	211.7	277.2	342.8	835.1	1326.9	1347.3
85°	102.0	123.3	158.8	194.2	552.5	910.9	758.9
87.5°	54.9	65.5	84.0	102.0	176.7	251.5	144.7
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)