

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: P320308

Luminaire Tested: **GAN-SA4A-740-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320308
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-740-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 4000K, 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: 16520 lumens
Efficiency: N/A
Efficacy: 128.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G4

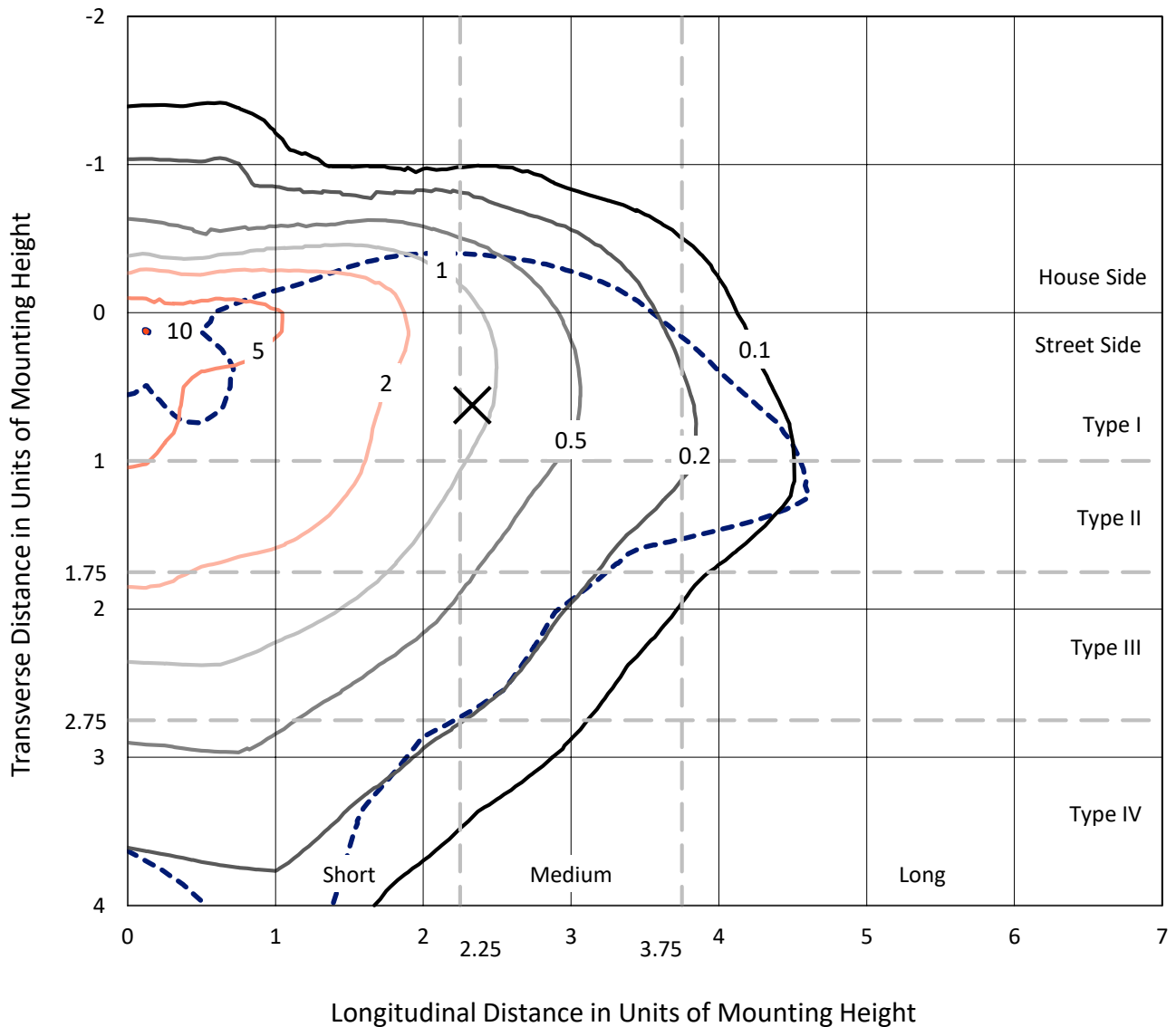
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

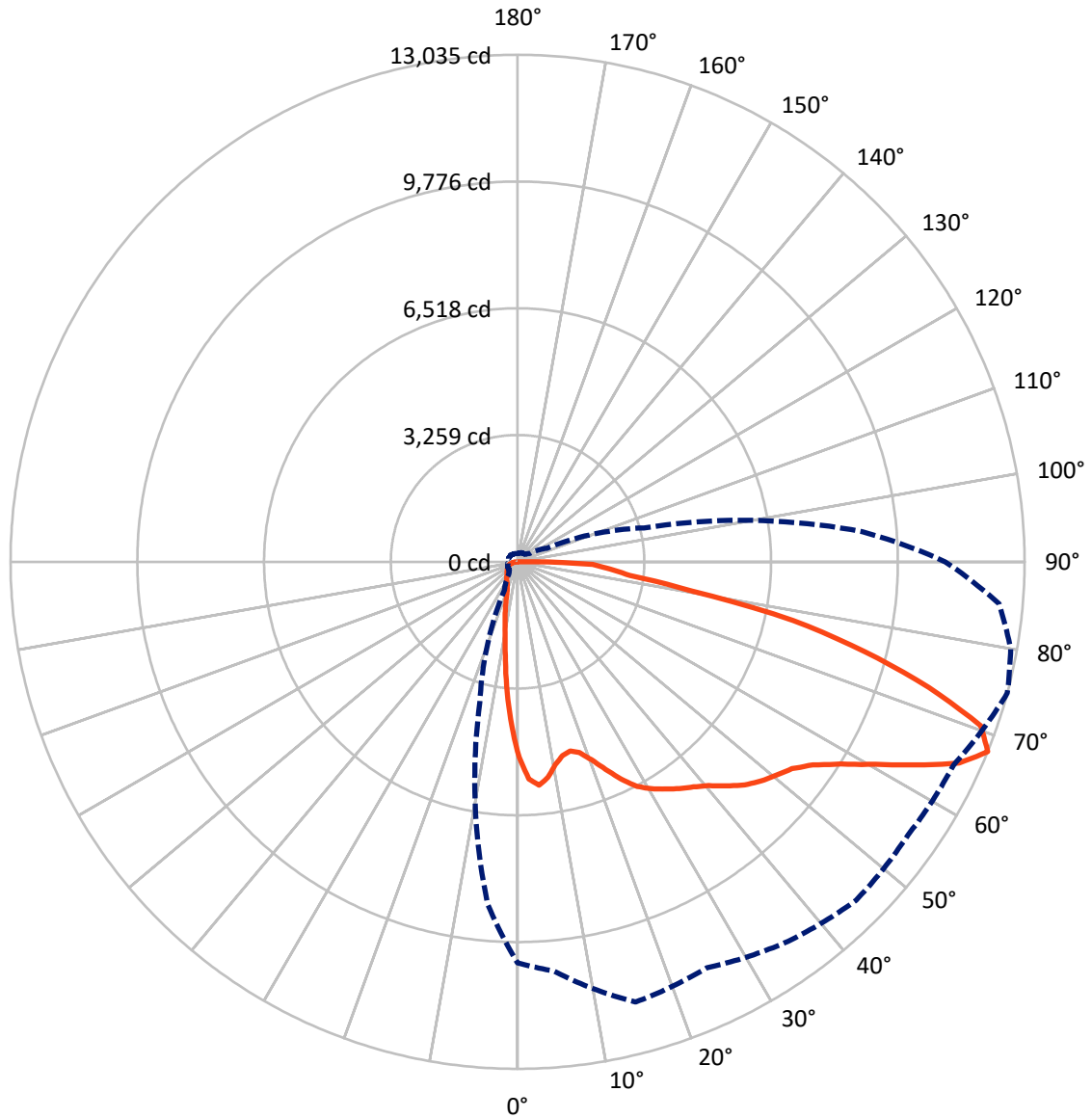
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.1 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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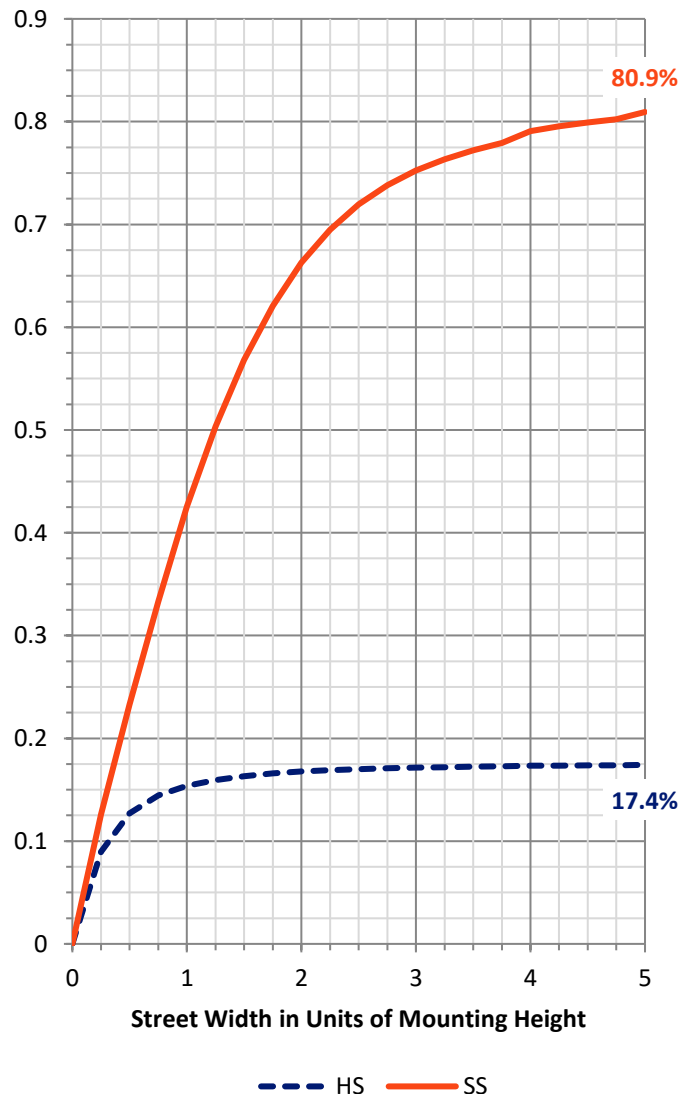
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2909.6	0.0	2909.6
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	13610.4	0.0	13610.4
	% Fixture	82.4	0.0	82.4
Total	Lumens	16520.0	0.0	16520.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	388.4	2.4
10°-20°	806.9	4.9
20°-30°	1147.6	6.9
30°-40°	1653.7	10.0
40°-50°	2330.5	14.1
50°-60°	3239.9	19.6
60°-70°	3917.9	23.7
70°-80°	2408.3	14.6
80°-90°	626.7	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°	16520.0	100.0
0°-180°	16520.0	100.0

Coefficient of Utilization

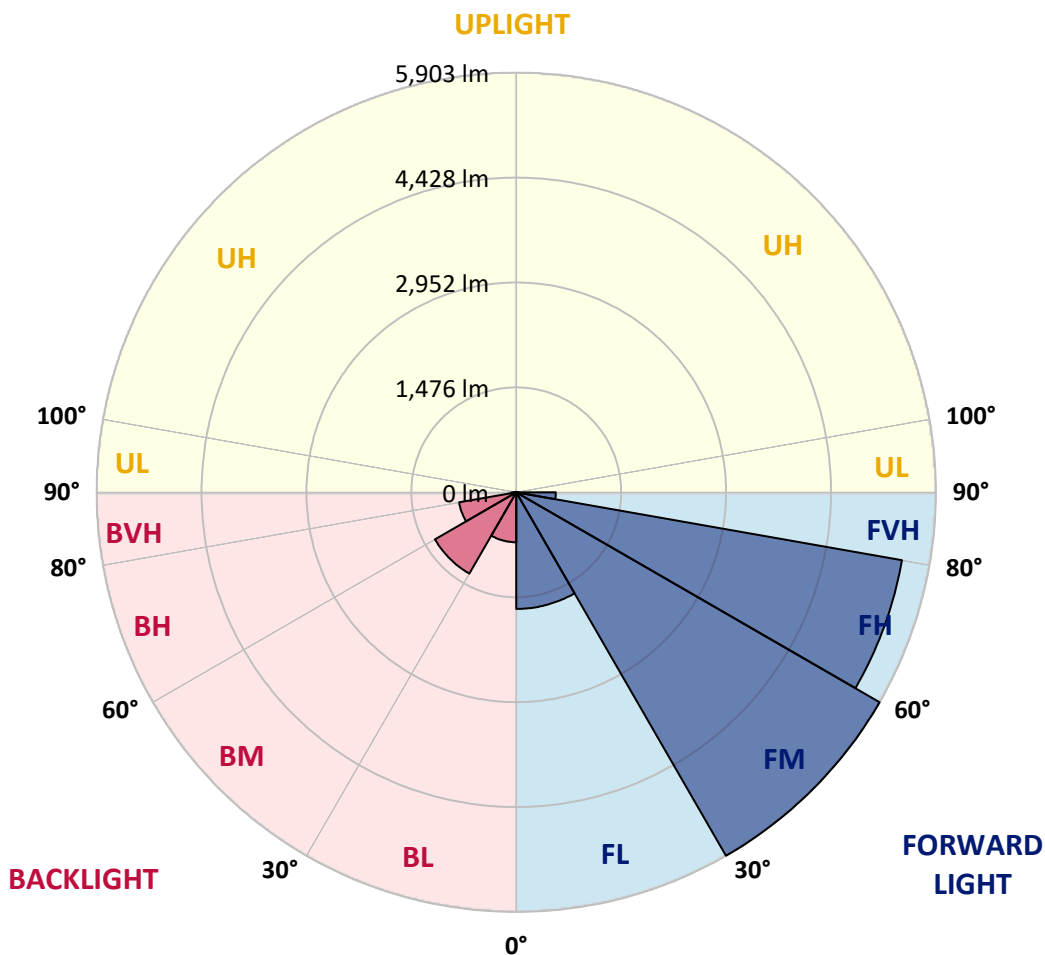


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1640.3	9.9			
FM (30°-60°)	5903.4	35.7			
FH (60°-80°)	5510.5	33.4			G3/7500
FVH (80°-90°)	556.3	3.4			G4/750
BL (0°-30°)	702.7	4.3	B2/1000		
BM (30°-60°)	1320.7	8.0	B2/2500		
BH (60°-80°)	815.7	4.9	B2/1000		G2/1000
BVH (80°-90°)	70.4	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
 Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	5364.5	5435.1	5484.0	5532.2	5569.9	5606.9	5661.0	5715.2	5725.7	5735.7	5714.5
5°	5332.8	5505.1	5651.8	5797.7	5933.1	6068.5	6149.8	6231.0	6247.5	6264.0	6213.2
7.5°	4991.3	5245.6	5499.9	5754.1	5987.3	6220.4	6362.5	6503.8	6536.2	6567.9	6484.6
10°	4602.9	4898.8	5211.2	5523.6	5830.8	6137.9	6343.3	6548.7	6589.7	6630.6	6526.9
12.5°	4307.7	4630.7	4964.2	5297.7	5622.0	5945.7	6158.4	6371.0	6421.9	6472.8	6397.5
15°	4194.1	4548.1	4861.8	5175.6	5458.2	5740.3	5914.6	6088.4	6109.5	6130.0	6118.1
17.5°	4307.7	4698.0	4982.0	5265.4	5419.3	5572.5	5642.5	5711.9	5735.0	5757.4	5787.8
20°	4639.9	5061.3	5261.4	5460.9	5454.3	5447.0	5413.3	5379.0	5373.0	5367.1	5453.0
22.5°	5114.1	5603.6	5683.5	5762.7	5577.1	5391.5	5278.6	5165.0	5142.5	5119.4	5210.6
25°	5670.9	6192.0	6177.5	6162.3	5809.0	5454.9	5239.6	5024.3	4999.2	4974.1	5052.0
27.5°	6276.6	6774.6	6679.5	6584.4	6104.2	5624.0	5311.6	4999.2	4974.1	4949.0	5017.7
30°	6750.2	7201.9	7049.4	6896.8	6353.2	5809.6	5438.4	5067.2	5026.3	4984.7	5069.2
32.5°	7151.1	7535.5	7330.7	7126.0	6555.3	5984.7	5583.1	5181.5	5117.4	5053.4	5166.3
35°	7568.5	7868.4	7580.4	7291.8	6735.6	6178.8	5754.1	5328.8	5250.2	5171.6	5326.8
37.5°	8038.1	8287.1	7873.6	7459.5	6938.4	6417.3	6010.4	5602.9	5522.3	5441.7	5639.9
40°	8534.1	8741.5	8190.0	7638.5	7160.3	6682.1	6365.1	6047.4	5970.8	5893.5	6133.9
42.5°	8968.1	9119.3	8484.6	7849.9	7427.8	7005.1	6781.9	6558.0	6557.3	6556.0	6799.7
45°	9295.0	9426.4	8730.3	8033.5	7688.7	7343.3	7227.0	7110.8	7203.9	7297.0	7517.6
47.5°	9566.5	9655.6	8936.4	8216.4	7987.2	7758.1	7775.2	7792.4	7982.0	8171.5	8313.5
50°	9876.9	9804.9	9123.3	8441.0	8370.3	8299.7	8454.2	8608.1	8826.1	9043.4	9139.8
52.5°	10213.1	10022.2	9376.9	8731.0	8810.2	8889.5	9203.9	9518.2	9738.2	9958.1	9994.5
55°	10817.4	10524.8	9843.2	9160.9	9313.5	9465.4	9927.1	10388.1	10559.8	10731.6	10744.8
57.5°	11498.4	11238.8	10496.4	9754.0	9917.8	10081.6	10614.7	11147.0	11332.6	11517.5	11491.8
60°	11760.6	11773.1	11116.6	10459.4	10624.6	10789.7	11308.8	11828.0	12041.3	12254.0	12197.2
62.5°	11496.4	11806.2	11455.5	11104.1	11254.0	11403.3	11911.8	12420.4	12639.0	12857.7	12758.6
65°	10974.0	11281.1	11438.3	11595.5	11645.0	11694.5	12169.4	12643.7	12811.4	12978.5	12928.3
67.5°	10309.5	10557.9	11137.8	11717.0	11617.3	11517.5	11740.1	11962.7	12135.1	12307.5	12279.1
70°	9540.0	9835.9	10609.4	11382.8	10892.7	10402.0	10310.2	10218.4	10404.6	10590.2	10475.3
72.5°	8160.3	8606.8	9431.7	10256.0	9353.1	8450.2	8136.5	7822.8	8058.6	8294.4	8111.4
75°	6163.6	6756.1	7667.6	8578.4	7501.1	6423.9	6005.1	5586.4	5789.2	5991.9	5866.4
77.5°	4286.5	5029.6	5927.2	6824.8	5729.7	4634.0	4322.9	4011.1	4071.9	4132.0	4110.9
80°	2922.6	3411.4	4037.5	4663.0	3933.8	3204.7	3229.1	3252.9	3224.5	3195.4	3237.7
82.5°	1832.8	2177.0	2660.4	3143.2	2756.2	2369.2	2591.1	2813.0	2704.0	2594.4	2635.3
85°	1032.3	1242.4	1715.3	2187.5	2038.9	1889.6	2019.8	2149.2	1980.1	1811.0	1885.7
87.5°	196.8	327.6	949.1	1570.0	1425.3	1280.7	1112.9	945.2	721.2	497.3	726.5
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



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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°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	5693.4	5682.2	5670.9	5630.6	5589.7	5528.9	5478.7	5391.5	5344.0	5272.0	5200.0
5°	6161.7	6090.3	6019.0	5896.1	5772.6	5635.3	5477.4	5302.4	5170.3	4998.6	4826.8
7.5°	6401.4	6235.0	6067.9	5832.1	5595.6	5383.0	5133.3	4900.8	4702.7	4479.4	4256.2
10°	6423.2	6173.6	5923.2	5616.8	5309.6	5051.4	4764.1	4505.8	4268.1	4011.8	3754.9
12.5°	6321.5	6056.0	5789.8	5452.3	5114.1	4820.9	4511.8	4222.5	3958.9	3676.9	3394.2
15°	6106.2	5894.2	5681.5	5365.1	5048.7	4752.8	4453.0	4110.2	3812.3	3523.7	3234.4
17.5°	5817.6	5717.2	5616.1	5387.6	5158.4	4902.1	4611.5	4209.3	3860.5	3546.8	3233.1
20°	5538.2	5575.2	5611.5	5520.3	5429.2	5223.8	4970.1	4518.4	4073.2	3663.0	3252.2
22.5°	5301.1	5478.7	5655.7	5726.4	5796.4	5672.9	5474.8	4952.3	4363.2	3827.5	3291.9
25°	5129.3	5423.9	5718.5	5953.6	6188.1	6133.3	5980.7	5479.4	4747.6	4064.6	3381.0
27.5°	5086.4	5447.7	5809.0	6173.6	6537.5	6588.3	6546.1	6034.9	5205.9	4359.2	3511.8
30°	5153.8	5519.7	5884.9	6328.8	6772.0	6974.7	7031.5	6497.9	5729.7	4702.7	3674.9
32.5°	5279.3	5637.9	5996.5	6480.0	6962.8	7269.3	7450.3	6921.2	6095.0	4961.6	3827.5
35°	5482.0	5817.6	6153.1	6656.4	7159.7	7555.9	7886.2	7358.5	6419.3	5142.5	3865.2
37.5°	5837.4	6126.0	6414.6	6879.6	7343.9	7857.8	8353.8	7840.0	6770.0	5316.9	3863.2
40°	6374.3	6578.4	6781.9	7174.8	7567.2	8213.8	8883.5	8376.9	7157.7	5505.8	3853.9
42.5°	7043.4	7148.4	7252.8	7563.9	7875.0	8585.6	9364.4	8902.0	7527.5	5681.5	3835.4
45°	7737.6	7765.3	7793.1	7989.2	8184.7	8880.2	9692.0	9296.3	7850.5	5834.1	3816.9
47.5°	8454.9	8359.8	8264.6	8342.6	8420.5	9106.1	9925.8	9595.5	8174.8	6003.1	3830.8
50°	9236.2	8971.4	8706.5	8665.6	8624.6	9332.0	10201.2	9976.0	8564.5	6249.5	3934.5
52.5°	10030.1	9593.5	9157.0	8995.1	8832.7	9601.5	10566.4	10449.5	9120.6	6631.3	4141.2
55°	10758.0	10202.5	9647.0	9429.1	9211.1	10013.6	11012.3	11145.0	9833.3	7119.4	4404.8
57.5°	11465.4	10835.9	10206.5	10004.4	9802.3	10619.3	11577.0	11769.2	10553.2	7587.7	4621.4
60°	12140.4	11517.5	10894.0	10732.2	10569.7	11372.2	12187.3	12047.2	10924.4	7806.9	4688.8
62.5°	12659.5	12164.2	11668.8	11583.6	11497.7	12133.8	12656.2	11938.9	10688.6	7591.0	4493.3
65°	12878.1	12596.1	12313.4	12393.3	12472.6	12709.7	12773.1	11621.9	9947.6	6985.9	4024.3
67.5°	12250.0	12307.5	12364.9	12700.5	13035.3	12872.2	12425.7	10997.1	8892.8	6128.6	3364.5
70°	10359.7	10704.5	11048.6	11842.5	12635.7	12273.8	11495.1	9875.6	7623.3	5141.2	2658.5
72.5°	7927.8	8315.5	8702.5	9880.9	11058.5	10725.0	9771.2	8111.4	6112.1	4105.6	2098.4
75°	5740.3	6178.2	6615.4	7915.3	9215.1	8752.1	7308.9	5807.6	4642.5	3134.0	1624.8
77.5°	4089.1	4382.3	4675.6	5959.6	7242.9	6488.6	4865.1	3908.1	3213.3	2178.3	1142.6
80°	3280.0	3190.1	3100.3	3815.6	4530.9	4405.4	3217.9	2509.8	2223.9	1459.7	695.5
82.5°	2675.6	2456.3	2237.1	2573.9	2910.8	2892.3	2233.1	1841.4	1655.2	1014.5	373.8
85°	1959.7	1871.8	1784.0	2081.8	2379.7	2125.4	1512.5	1170.4	1290.6	747.0	203.4
87.5°	955.7	1091.8	1227.2	1578.6	1929.3	1448.4	459.0	227.2	314.4	206.7	98.4
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: P320308
 CATALOG NUMBER: GAN-SA4A-740-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: P320308

CATALOG NUMBER: GAN-SA4A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	5146.5	5092.3	5030.9	4969.5	4899.5	4828.8	4787.2	4744.9	4699.4	4653.8	4602.3
5°	4713.2	4599.6	4470.8	4342.0	4214.6	4087.1	4018.4	3949.7	3877.0	3803.7	3740.3
7.5°	4091.0	3925.3	3746.9	3567.9	3409.4	3250.2	3151.8	3052.8	2962.9	2872.4	2796.5
10°	3543.5	3332.1	3153.2	2973.5	2854.0	2734.4	2643.9	2553.4	2466.3	2378.4	2294.5
12.5°	3182.9	2971.5	2857.9	2744.3	2645.2	2546.2	2441.8	2336.8	2217.2	2097.0	2009.2
15°	3042.2	2850.0	2723.8	2597.0	2464.3	2330.9	2202.7	2074.6	1933.2	1791.9	1692.2
17.5°	2981.4	2729.8	2553.4	2376.4	2201.4	2026.4	1877.8	1729.1	1574.6	1420.0	1319.0
20°	2917.4	2582.5	2346.0	2108.9	1884.4	1659.8	1491.4	1323.0	1184.9	1046.9	969.6
22.5°	2859.2	2426.0	2129.4	1832.2	1566.7	1301.2	1136.0	970.3	885.7	801.2	770.1
25°	2835.5	2289.2	1924.7	1560.1	1280.0	999.3	881.7	764.2	731.8	698.8	682.9
27.5°	2839.4	2167.1	1752.3	1336.8	1084.5	832.2	751.6	671.1	651.2	630.8	620.9
30°	2854.6	2034.3	1589.8	1145.3	937.2	729.2	677.0	624.2	603.0	581.9	569.3
32.5°	2871.8	1915.4	1464.3	1012.5	842.8	672.4	629.4	585.9	565.4	544.9	532.4
35°	2842.1	1818.3	1378.4	938.5	782.0	624.8	588.5	551.5	529.0	506.6	494.7
37.5°	2791.9	1720.6	1311.7	902.2	742.4	581.9	555.5	528.4	505.3	481.5	470.3
40°	2746.3	1638.0	1262.2	885.7	720.6	554.8	532.4	509.9	486.1	461.7	448.5
42.5°	2709.3	1582.5	1213.3	844.1	700.8	556.8	525.1	492.7	469.6	446.5	432.0
45°	2681.6	1546.2	1175.0	803.8	682.3	560.8	520.5	480.2	457.1	433.3	416.1
47.5°	2678.9	1527.0	1147.9	768.8	647.3	525.1	508.6	492.1	458.4	424.0	404.2
50°	2715.3	1496.0	1116.2	735.8	613.6	491.4	513.9	535.7	478.2	420.1	395.0
52.5°	2791.2	1441.2	1066.0	690.9	572.6	453.8	488.8	523.1	473.6	423.4	391.0
55°	2883.0	1360.6	990.1	618.9	518.5	417.4	448.5	478.9	447.8	416.1	377.1
57.5°	2940.5	1258.9	894.3	529.7	457.7	385.7	403.6	420.7	408.2	395.6	356.0
60°	2906.1	1123.5	786.6	449.1	404.2	359.3	356.0	352.0	370.5	389.0	343.5
62.5°	2738.4	983.5	691.5	399.6	365.9	331.6	324.3	316.4	346.8	376.5	328.3
65°	2455.0	885.7	631.4	377.1	339.5	301.8	293.9	286.0	295.2	304.5	282.0
67.5°	2095.1	825.6	597.1	368.6	323.0	276.7	267.5	258.2	256.3	254.3	246.4
70°	1723.9	788.6	574.6	360.6	305.1	249.0	240.4	231.8	229.2	225.9	219.9
72.5°	1441.2	784.0	572.0	360.0	290.6	221.3	213.3	205.4	202.1	198.1	193.5
75°	1180.3	735.8	542.9	350.1	270.8	190.9	183.6	176.3	173.7	170.4	166.4
77.5°	875.8	609.0	456.4	303.8	231.8	159.8	152.6	144.6	144.0	142.7	139.4
80°	568.0	440.5	326.3	212.0	169.1	125.5	119.5	112.9	113.6	114.3	111.6
82.5°	315.7	256.9	199.5	142.0	115.6	89.2	86.5	83.2	85.2	86.5	83.2
85°	166.4	129.5	107.0	84.5	66.7	48.9	48.9	48.2	50.9	53.5	50.9
87.5°	72.0	45.6	39.0	31.7	17.8	3.3	4.0	4.0	5.3	6.6	5.9
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: P320308
 CATALOG NUMBER: GAN-SA4A-740-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: P320308
 CATALOG NUMBER: GAN-SA4A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	4550.1	4501.9	4453.0	4399.5	4409.4	4368.4	4327.5	4301.7	4276.0	4268.1	4260.1
5°	3676.9	3622.1	3566.6	3517.1	3560.0	3531.0	3501.9	3497.9	3493.3	3493.3	3492.6
7.5°	2720.5	2661.8	2602.3	2561.4	2603.6	2598.3	2593.1	2621.5	2649.9	2673.0	2695.4
10°	2210.6	2139.3	2067.3	2006.6	1996.0	1965.6	1934.6	1941.2	1947.1	1972.2	1997.3
12.5°	1921.4	1836.1	1750.9	1679.6	1647.2	1597.1	1546.2	1514.5	1482.8	1486.1	1488.7
15°	1591.8	1509.2	1426.0	1364.6	1344.1	1305.1	1266.1	1226.5	1186.2	1169.7	1152.5
17.5°	1217.3	1151.2	1084.5	1043.6	1043.6	1032.3	1021.1	1001.3	980.8	964.3	947.1
20°	892.3	857.3	821.6	804.5	809.8	810.4	810.4	820.3	830.2	824.9	819.7
22.5°	738.4	725.9	713.3	706.1	708.7	709.4	710.0	719.3	727.9	734.5	740.4
25°	666.4	658.5	650.6	647.9	653.9	654.5	654.5	660.5	666.4	673.0	679.6
27.5°	610.3	607.0	603.7	599.1	605.0	605.0	604.3	610.9	616.9	622.8	628.1
30°	556.8	558.1	558.8	557.4	561.4	564.1	566.0	570.7	574.6	579.2	583.9
32.5°	519.1	517.2	515.2	513.9	522.4	527.1	531.7	536.3	540.3	542.3	544.2
35°	482.8	478.2	473.6	470.3	478.2	484.1	490.1	498.7	506.6	507.9	509.2
37.5°	458.4	452.4	446.5	442.5	445.8	448.5	451.1	460.4	469.6	474.9	479.5
40°	435.3	429.3	423.4	420.1	422.0	422.7	423.4	428.0	432.0	441.9	451.1
42.5°	416.8	409.5	402.2	398.3	399.6	400.9	401.6	400.9	400.3	409.5	418.7
45°	398.3	390.3	382.4	377.8	378.5	378.5	378.5	377.1	375.2	379.8	384.4
47.5°	383.7	374.5	365.2	360.6	359.3	358.0	356.7	356.0	354.7	358.0	360.6
50°	369.2	359.3	348.7	343.5	340.1	338.8	337.5	336.8	335.5	338.8	341.5
52.5°	358.0	346.1	334.2	325.6	322.3	320.3	318.4	319.0	319.0	320.3	321.0
55°	338.2	327.6	316.4	310.4	304.5	303.2	301.8	303.8	305.1	305.1	305.1
57.5°	316.4	306.5	295.9	291.9	286.7	286.7	286.0	288.6	290.6	291.9	293.3
60°	297.2	286.0	274.8	271.5	269.5	268.8	268.2	271.5	274.1	276.7	279.4
62.5°	279.4	267.5	255.6	251.6	251.0	251.6	251.6	254.9	257.6	260.2	262.9
65°	259.6	247.7	235.1	231.2	232.5	234.5	236.5	239.1	241.1	243.7	246.4
67.5°	237.8	227.9	217.3	213.3	214.0	216.6	219.3	221.3	222.6	225.2	227.9
70°	214.0	205.4	196.8	194.2	193.5	196.8	199.5	200.8	202.1	205.4	208.1
72.5°	188.2	181.0	173.7	171.7	172.4	174.4	176.3	178.3	179.7	183.0	185.6
75°	161.8	155.2	148.6	147.3	148.6	150.6	152.6	153.9	155.2	159.2	162.5
77.5°	136.1	128.8	120.9	120.2	122.2	124.2	125.5	127.5	129.5	134.7	140.0
80°	109.0	101.1	92.5	91.8	93.8	95.8	97.8	99.7	101.7	108.3	114.3
82.5°	79.9	70.7	61.4	60.1	66.7	68.7	70.7	74.0	76.6	82.6	88.5
85°	48.2	39.0	29.7	29.1	35.0	38.3	41.6	45.6	48.9	54.2	59.4
87.5°	5.3	2.6	0.0	0.0	0.7	3.3	5.9	9.2	12.5	17.8	22.5
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: P320308
 CATALOG NUMBER: GAN-SA4A-740-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: P320308
 CATALOG NUMBER: GAN-SA4A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	4231.1	4201.3	4231.7	4261.4	4274.0	4286.5	4254.2	4221.2	4272.7	4323.5	4336.7
5°	3466.2	3439.1	3459.6	3479.4	3435.2	3390.9	3386.3	3381.0	3419.3	3457.6	3463.6
7.5°	2686.9	2678.3	2697.4	2716.6	2660.4	2603.6	2575.9	2548.2	2557.4	2566.6	2565.3
10°	2003.3	2008.5	2032.3	2055.4	2011.8	1968.2	1949.1	1929.9	1951.1	1971.5	1990.7
12.5°	1500.6	1511.9	1536.9	1561.4	1543.6	1525.1	1527.0	1529.0	1553.5	1577.2	1598.4
15°	1165.8	1179.0	1196.8	1214.0	1214.6	1214.6	1231.8	1248.3	1246.3	1244.4	1258.9
17.5°	965.0	982.1	984.1	986.1	986.8	987.4	986.1	984.8	974.9	965.0	976.2
20°	826.3	832.2	837.5	842.1	836.2	829.6	813.1	796.5	789.9	783.3	793.9
22.5°	751.6	762.2	756.9	751.0	739.1	726.5	714.0	700.8	700.1	698.8	704.7
25°	688.9	697.5	688.2	679.0	670.4	661.8	653.2	644.6	644.0	643.3	646.0
27.5°	636.7	644.6	636.0	627.5	620.2	612.9	606.3	599.7	598.4	597.1	597.7
30°	591.8	599.1	591.8	583.9	578.6	572.6	568.0	563.4	562.7	562.1	562.1
32.5°	551.5	558.8	553.5	548.2	543.6	539.0	535.7	532.4	529.0	525.7	518.5
35°	516.5	523.8	520.5	516.5	511.2	505.9	500.0	493.4	484.8	475.5	471.6
37.5°	486.8	494.0	490.7	487.4	480.2	472.9	462.3	451.1	448.5	445.2	444.5
40°	463.0	474.2	467.6	460.4	449.1	437.9	432.6	427.3	426.0	424.7	423.4
42.5°	436.6	453.8	441.9	430.0	419.4	408.8	407.5	406.2	405.5	404.9	404.9
45°	403.6	422.0	410.2	397.6	391.7	385.7	385.7	385.7	386.4	386.4	387.7
47.5°	372.5	383.7	377.8	371.9	368.6	365.2	365.9	366.6	368.6	369.9	373.2
50°	346.1	350.1	351.4	352.0	350.1	348.1	349.4	350.1	352.0	353.4	356.0
52.5°	326.9	332.9	332.9	332.2	332.2	332.2	333.5	334.9	336.8	338.8	341.5
55°	314.4	323.0	320.3	317.7	318.4	318.4	319.7	321.0	323.0	324.3	328.3
57.5°	302.5	311.7	309.1	306.5	306.5	306.5	307.1	307.8	309.8	311.1	313.7
60°	288.6	297.9	295.2	291.9	292.6	293.3	293.9	293.9	295.2	295.9	295.9
62.5°	272.1	281.4	278.7	275.4	277.4	278.7	278.7	278.7	280.0	280.7	278.7
65°	254.9	263.5	260.9	258.2	260.9	262.9	264.2	264.9	264.2	263.5	261.6
67.5°	236.5	245.0	242.4	239.1	242.4	245.0	247.7	249.7	247.7	245.7	243.1
70°	216.6	225.2	221.9	218.6	221.9	225.2	227.9	230.5	227.9	225.2	224.6
72.5°	195.5	205.4	201.4	197.5	201.4	205.4	206.7	208.1	206.1	204.1	202.8
75°	172.4	182.3	179.0	175.0	178.3	181.6	182.3	183.0	183.0	182.3	178.3
77.5°	147.9	155.9	153.9	151.9	153.9	155.9	155.9	155.9	156.5	156.5	151.3
80°	118.9	123.5	124.2	124.8	125.5	126.2	125.5	124.8	123.5	122.2	118.9
82.5°	88.5	88.5	93.8	98.4	98.4	97.8	97.1	95.8	93.1	89.8	82.6
85°	56.1	52.8	61.4	69.4	69.4	68.7	67.4	65.4	60.1	54.2	48.2
87.5°	19.2	15.9	24.4	33.0	33.7	33.7	32.4	31.0	25.8	19.8	15.2
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: P320308
 CATALOG NUMBER: GAN-SA4A-740-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: P320308
 CATALOG NUMBER: GAN-SA4A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	4356.6	4365.1	4373.1	4437.8	4501.9	4577.2	4652.5	4709.9	4766.7	4825.5	4884.3
5°	3484.1	3494.6	3505.2	3583.8	3661.7	3766.7	3871.8	3962.2	4052.7	4159.1	4265.4
7.5°	2582.5	2605.6	2628.1	2712.0	2795.2	2908.1	3020.4	3138.6	3256.2	3394.9	3533.6
10°	2028.3	2071.9	2114.9	2200.7	2286.6	2398.2	2509.2	2632.7	2756.2	2892.9	3029.0
12.5°	1642.0	1700.1	1757.6	1860.6	1963.6	2097.0	2229.8	2367.2	2503.9	2624.1	2744.3
15°	1297.2	1360.6	1423.3	1532.3	1641.3	1787.9	1933.9	2083.8	2233.1	2377.1	2521.1
17.5°	1011.9	1064.0	1115.6	1208.0	1299.8	1441.8	1583.8	1741.0	1898.2	2073.9	2249.0
20°	816.4	838.2	860.0	926.7	992.7	1108.3	1223.2	1383.7	1544.2	1754.2	1964.3
22.5°	715.3	726.5	737.1	769.5	801.2	875.8	949.8	1091.8	1233.1	1462.3	1690.8
25°	654.5	663.1	671.7	692.8	714.0	749.7	785.3	885.0	984.8	1210.0	1434.6
27.5°	599.7	612.9	625.5	635.4	644.6	669.1	692.8	758.2	823.6	1033.7	1243.0
30°	560.1	564.7	569.3	584.5	599.1	624.2	649.3	694.8	740.4	918.1	1095.1
32.5°	513.9	520.5	527.1	542.9	558.8	581.9	605.0	642.0	678.3	830.2	981.5
35°	472.2	478.9	485.5	501.3	516.5	541.6	566.0	597.1	627.5	759.6	891.7
37.5°	446.5	453.1	459.7	473.6	486.8	511.9	536.3	560.8	584.5	706.7	828.9
40°	424.7	431.3	437.9	451.1	463.7	488.1	511.9	532.4	552.8	667.1	781.4
42.5°	405.5	412.8	420.1	433.3	445.8	467.6	489.4	516.5	542.9	632.7	721.9
45°	389.7	397.0	403.6	418.1	432.6	453.8	474.9	512.5	550.2	614.9	679.6
47.5°	375.2	383.1	390.3	406.2	422.0	448.5	474.2	505.9	537.0	601.0	665.1
50°	361.3	370.5	379.8	398.9	417.4	461.7	505.3	509.9	513.9	589.8	665.1
52.5°	348.1	358.6	369.2	393.0	416.1	467.6	519.1	502.6	485.5	568.7	651.9
55°	334.9	344.1	352.7	381.8	410.8	448.5	486.1	464.3	441.9	529.0	616.2
57.5°	317.0	326.9	336.2	367.2	398.3	424.7	450.5	430.6	410.2	484.1	557.4
60°	298.5	309.8	321.0	360.6	399.6	395.0	389.7	385.7	381.1	433.9	486.8
62.5°	282.0	293.9	305.8	357.3	408.8	377.1	345.4	348.7	351.4	390.3	429.3
65°	265.5	277.4	288.6	314.4	340.1	327.6	315.1	320.3	325.0	363.3	401.6
67.5°	247.0	257.6	267.5	276.1	284.7	286.0	287.3	292.6	297.9	343.5	388.4
70°	226.5	235.1	243.7	249.7	254.9	257.6	259.6	266.2	272.8	322.3	371.9
72.5°	203.4	210.7	217.3	222.6	227.9	229.8	231.2	237.8	244.4	297.2	350.1
75°	178.3	184.3	189.6	194.2	198.8	201.4	204.1	208.7	213.3	270.8	327.6
77.5°	150.6	156.5	161.8	165.8	169.1	171.7	173.7	179.7	185.6	233.8	281.4
80°	117.6	124.8	131.4	134.7	137.4	138.0	138.0	143.3	148.6	183.0	216.6
82.5°	83.2	91.1	98.4	101.1	103.7	103.7	103.7	109.6	115.6	138.7	161.2
85°	48.9	57.5	65.4	68.0	70.7	72.0	72.7	75.3	77.3	93.8	109.6
87.5°	15.2	22.5	29.1	30.4	31.7	34.3	37.0	37.6	37.6	48.9	60.1
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: P320308
 CATALOG NUMBER: GAN-SA4A-740-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°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	4951.7	5019.0	5097.6	5175.6	5242.3	5309.0	5364.5
5°	4400.8	4536.2	4702.0	4867.1	5014.4	5161.7	5332.8
7.5°	3708.6	3883.7	4098.3	4313.0	4521.0	4728.4	4991.3
10°	3207.3	3385.0	3612.2	3838.7	4072.6	4305.7	4602.9
12.5°	2889.0	3032.9	3252.9	3472.8	3747.6	4021.7	4307.7
15°	2678.9	2836.1	3050.1	3264.1	3564.6	3865.2	4194.1
17.5°	2455.0	2660.4	2934.5	3208.6	3564.6	3920.0	4307.7
20°	2220.6	2476.2	2831.5	3186.8	3666.4	4145.2	4639.9
22.5°	1986.7	2282.6	2738.4	3193.4	3820.2	4446.4	5114.1
25°	1776.0	2117.5	2681.6	3245.0	4044.1	4842.7	5670.9
27.5°	1616.2	1988.7	2658.5	3327.5	4328.2	5328.8	6276.6
30°	1474.2	1853.3	2630.7	3408.1	4601.6	5794.4	6750.2
32.5°	1351.4	1721.2	2577.2	3432.5	4792.5	6152.4	7151.1
35°	1254.9	1618.2	2487.4	3356.6	4912.0	6467.5	7568.5
37.5°	1171.7	1514.5	2385.0	3255.5	5018.4	6781.2	8038.1
40°	1092.4	1403.5	2297.2	3190.1	5165.0	7139.8	8534.1
42.5°	1017.1	1312.4	2226.5	3140.6	5301.1	7460.8	8968.1
45°	961.0	1242.4	2163.7	3084.5	5388.9	7693.3	9295.0
47.5°	933.3	1200.8	2130.1	3058.7	5476.7	7894.1	9566.5
50°	929.3	1193.5	2168.4	3143.2	5667.0	8190.0	9876.9
52.5°	928.6	1205.4	2278.7	3352.0	6020.3	8688.0	10213.1
55°	914.8	1212.7	2410.1	3606.9	6494.5	9381.5	10817.4
57.5°	872.5	1187.6	2545.5	3902.8	6995.9	10088.2	11498.4
60°	807.1	1126.8	2657.1	4186.8	7332.7	10477.9	11760.6
62.5°	725.2	1020.4	2694.1	4367.1	7323.5	10279.8	11496.4
65°	655.2	908.8	2572.6	4235.7	6952.9	9669.5	10974.0
67.5°	593.1	797.2	2268.8	3739.7	6286.5	8832.7	10309.5
70°	548.2	723.9	1877.1	3030.3	5452.3	7873.6	9540.0
72.5°	519.8	688.9	1530.3	2371.1	4424.6	6477.4	8160.3
75°	480.8	634.1	1200.8	1766.8	3386.3	5005.8	6163.6
77.5°	408.2	534.3	904.9	1275.4	2484.7	3693.4	4286.5
80°	315.1	412.8	622.2	831.6	1710.0	2588.4	2922.6
82.5°	224.6	288.0	377.1	466.3	1136.0	1805.1	1832.8
85°	138.7	167.8	216.0	264.2	751.6	1239.1	1032.3
87.5°	74.6	89.2	114.3	138.7	240.4	342.1	196.8
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)