

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: P320431

Luminaire Tested: **GAN-SA7A-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320431
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-SA7A-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 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: 21294 lumens
Efficiency: N/A
Efficacy: 94.2 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G4

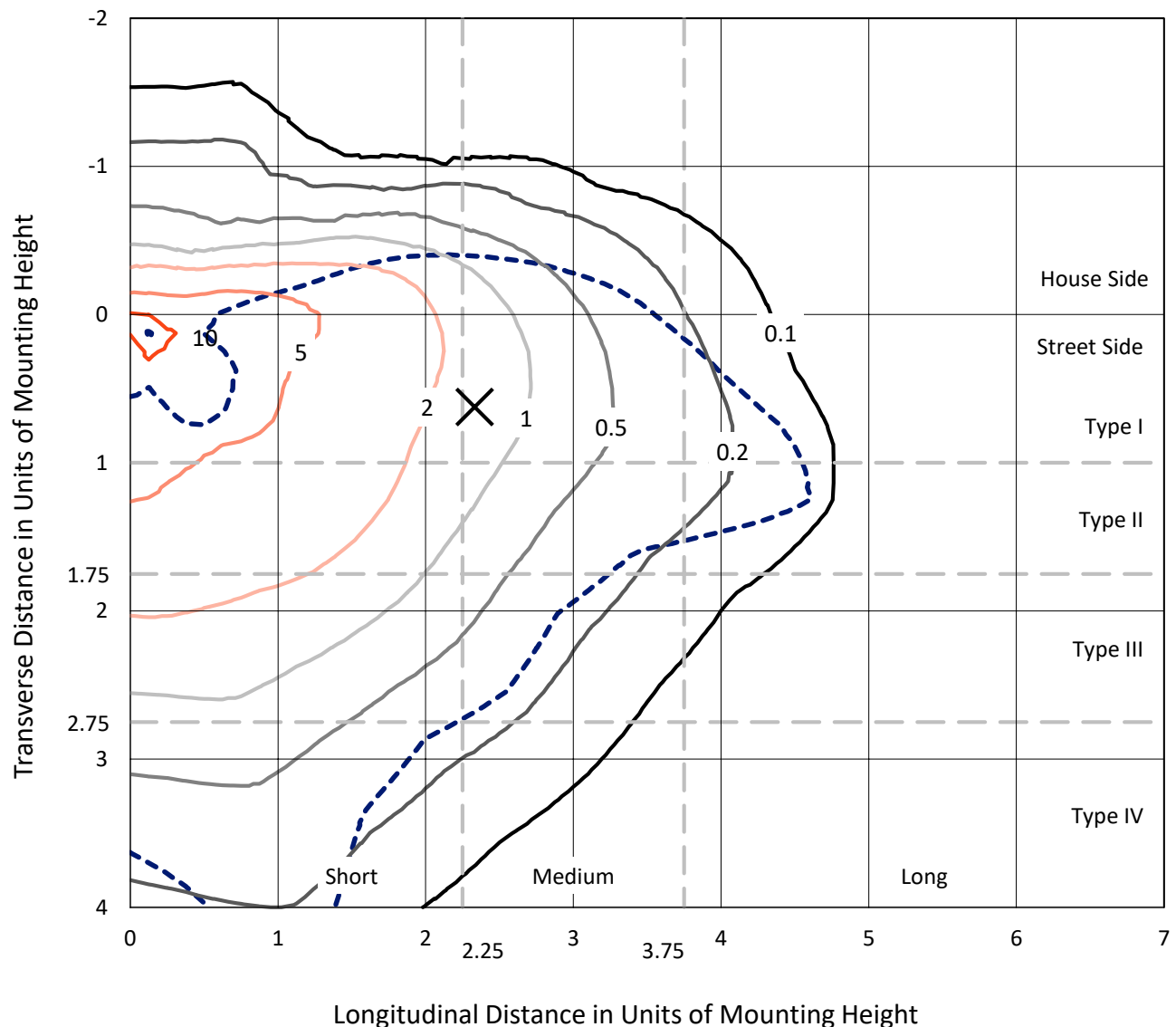
Input Watts (W): 226
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

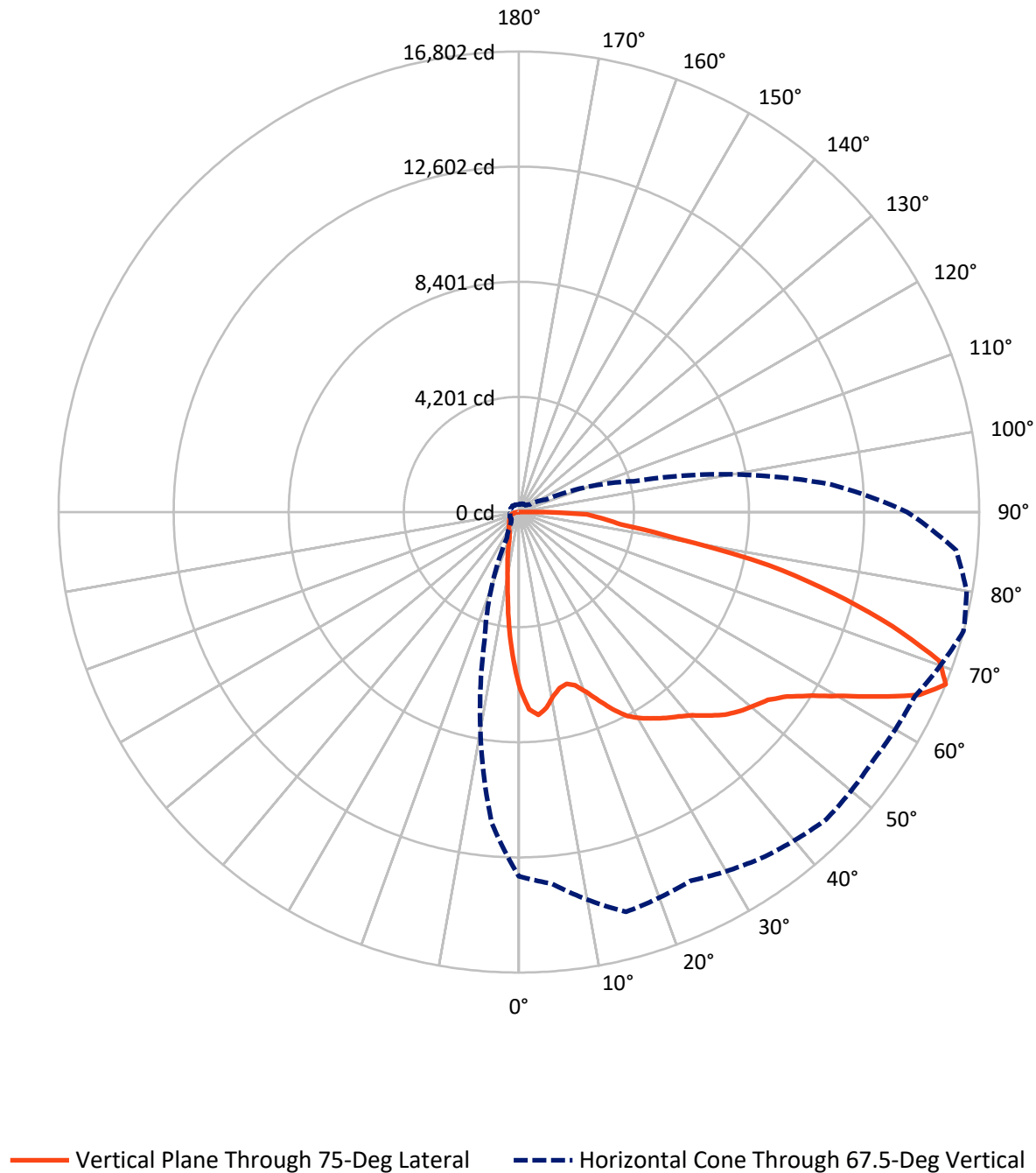
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.1 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	3750.4	0.0	3750.4
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	17543.6	0.0	17543.6
	% Fixture	82.4	0.0	82.4
Total	Lumens	21294.0	0.0	21294.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	500.7	2.4
10°-20°	1040.1	4.9
20°-30°	1479.3	6.9
30°-40°	2131.6	10.0
40°-50°	3004.0	14.1
50°-60°	4176.1	19.6
60°-70°	5050.2	23.7
70°-80°	3104.3	14.6
80°-90°	807.8	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°	21294.0	100.0
0°-180°	21294.0	100.0

Coefficient of Utilization



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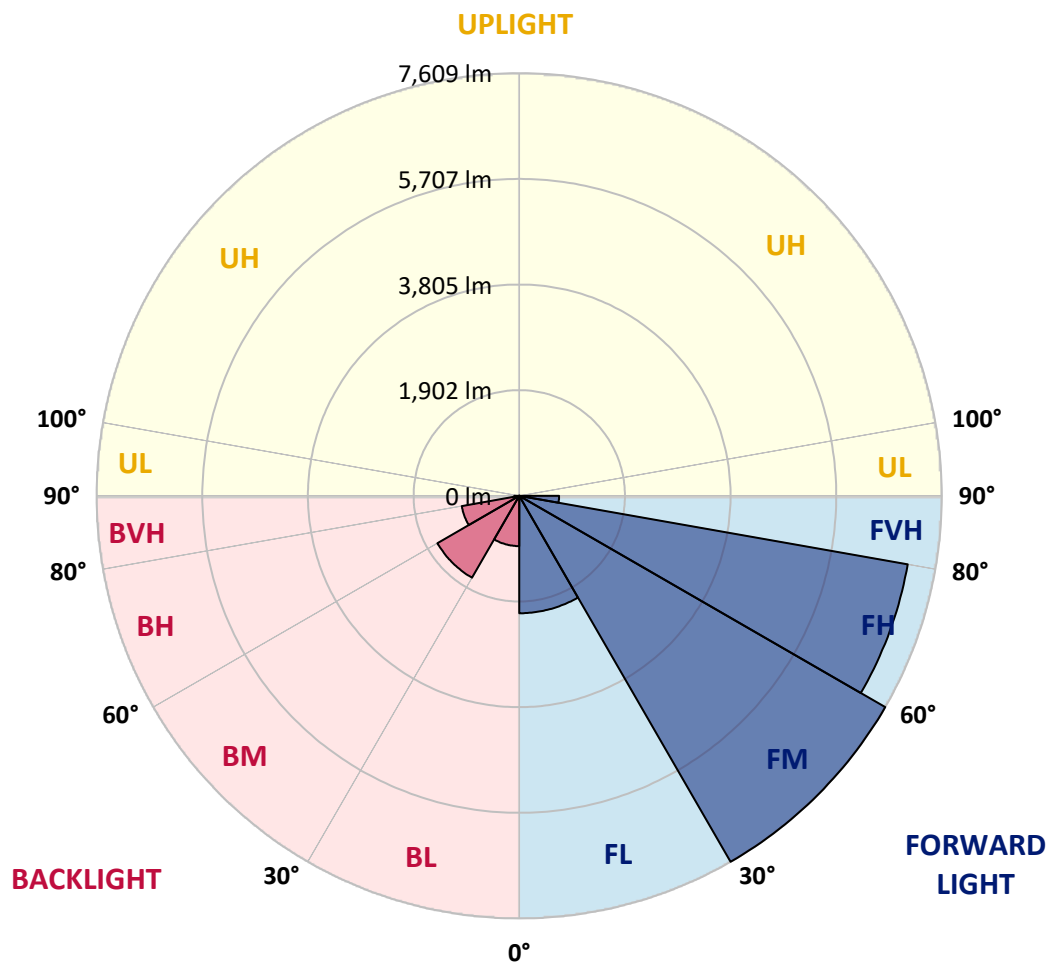
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2114.3	9.9			
FM	(30°-60°)	7609.3	35.7			
FH	(60°-80°)	7103.0	33.4			G3/7500
FVH	(80°-90°)	717.0	3.4			G4/750
BL	(0°-30°)	905.8	4.3	B2/1000		
BM	(30°-60°)	1702.4	8.0	B2/2500		
BH	(60°-80°)	1051.5	4.9	B3/2500		G3/2500
BVH	(80°-90°)	90.8	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3
2.5°	6914.7	7005.8	7068.8	7130.9	7179.5	7227.1	7297.0	7366.8	7380.4	7393.2	7365.9
5°	6873.8	7096.0	7285.0	7473.2	7647.7	7822.2	7927.0	8031.7	8053.0	8074.2	8008.7
7.5°	6433.7	6761.5	7089.2	7417.0	7717.5	8018.1	8201.1	8383.3	8425.0	8465.9	8358.6
10°	5933.1	6314.5	6717.2	7119.9	7515.8	7911.6	8176.4	8441.2	8494.0	8546.7	8413.1
12.5°	5552.5	5968.8	6398.8	6828.7	7246.7	7663.9	7938.0	8212.2	8277.7	8343.3	8246.2
15°	5406.1	5862.4	6266.8	6671.2	7035.6	7399.1	7623.9	7847.8	7875.0	7901.4	7886.1
17.5°	5552.5	6055.7	6421.8	6787.0	6985.4	7182.9	7273.1	7362.5	7392.3	7421.3	7460.4
20°	5980.8	6523.9	6781.9	7039.0	7030.5	7021.1	6977.7	6933.4	6925.8	6918.1	7028.8
22.5°	6592.0	7222.9	7325.9	7428.1	7188.8	6949.6	6804.0	6657.6	6628.6	6598.8	6716.3
25°	7309.7	7981.4	7962.7	7943.1	7487.7	7031.3	6753.8	6476.2	6443.9	6411.5	6512.0
27.5°	8090.4	8732.3	8609.7	8487.1	7868.2	7249.3	6846.6	6443.9	6411.5	6379.2	6467.7
30°	8700.8	9283.2	9086.5	8889.8	8189.2	7488.5	7010.0	6531.6	6478.8	6425.2	6534.1
32.5°	9217.6	9713.1	9449.2	9185.3	8449.7	7714.1	7196.5	6678.9	6596.3	6513.7	6659.3
35°	9755.7	10142.2	9771.0	9398.9	8682.1	7964.4	7417.0	6868.7	6767.4	6666.1	6866.2
37.5°	10361.0	10681.9	10149.0	9615.2	8943.5	8271.8	7747.3	7222.0	7118.2	7014.3	7269.7
40°	11000.3	11267.7	10556.8	9845.9	9229.5	8613.1	8204.5	7795.0	7696.2	7596.6	7906.5
42.5°	11559.7	11754.6	10936.5	10118.3	9574.3	9029.5	8741.7	8453.1	8452.2	8450.5	8764.7
45°	11981.1	12150.5	11253.2	10355.0	9910.6	9465.4	9315.5	9165.7	9285.7	9405.8	9690.1
47.5°	12331.0	12445.9	11518.8	10590.8	10295.4	10000.0	10022.1	10044.3	10288.6	10533.0	10716.0
50°	12731.1	12638.3	11759.8	10880.3	10789.2	10698.1	10897.3	11095.7	11376.6	11656.7	11781.0
52.5°	13164.5	12918.4	12086.7	11254.0	11356.2	11458.4	11863.6	12268.9	12552.4	12835.9	12882.7
55°	13943.5	13566.3	12687.7	11808.3	12004.9	12200.8	12795.8	13390.1	13611.4	13832.8	13849.8
57.5°	14821.2	14486.6	13529.7	12572.8	12783.9	12995.1	13682.1	14368.3	14607.5	14845.9	14812.7
60°	15159.2	15175.4	14329.1	13482.0	13694.9	13907.7	14576.9	15246.0	15521.0	15795.2	15722.0
62.5°	14818.7	15218.0	14765.9	14313.0	14506.2	14698.6	15354.2	16009.7	16291.5	16573.3	16445.6
65°	14145.2	14541.1	14743.7	14946.4	15010.2	15074.1	15686.2	16297.5	16513.7	16729.1	16664.4
67.5°	13288.8	13608.9	14356.4	15103.0	14974.5	14845.9	15132.8	15419.7	15641.9	15864.1	15827.5
70°	12297.0	12678.4	13675.3	14672.2	14040.5	13408.0	13289.6	13171.3	13411.4	13650.6	13502.5
72.5°	10518.5	11094.0	12157.3	13219.8	12056.0	10892.2	10487.8	10083.4	10387.4	10691.3	10455.5
75°	7944.8	8708.5	9883.4	11057.4	9668.8	8280.3	7740.5	7200.8	7462.1	7723.5	7561.7
77.5°	5525.3	6483.1	7640.1	8797.0	7385.5	5973.1	5572.1	5170.3	5248.6	5326.1	5298.8
80°	3767.2	4397.2	5204.3	6010.6	5070.7	4130.8	4162.3	4192.9	4156.3	4118.9	4173.3
82.5°	2362.5	2806.1	3429.3	4051.6	3552.7	3053.8	3339.9	3625.9	3485.4	3344.1	3396.9
85°	1330.7	1601.4	2211.0	2819.7	2628.1	2435.7	2603.4	2770.3	2552.4	2334.4	2430.6
87.5°	253.7	422.3	1223.4	2023.7	1837.2	1650.8	1434.5	1218.3	929.7	641.1	936.5
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°	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3
2.5°	7338.7	7324.2	7309.7	7257.8	7205.0	7126.7	7062.0	6949.6	6888.3	6795.5	6702.7
5°	7942.3	7850.3	7758.4	7600.0	7440.8	7263.8	7060.3	6834.7	6664.4	6443.0	6221.7
7.5°	8251.3	8036.8	7821.4	7517.5	7212.7	6938.5	6616.7	6317.0	6061.6	5773.9	5486.1
10°	8279.4	7957.6	7634.9	7239.9	6844.0	6511.2	6140.8	5807.9	5501.4	5171.1	4839.9
12.5°	8148.3	7806.1	7463.0	7027.9	6592.0	6214.0	5815.6	5442.7	5103.0	4739.5	4375.1
15°	7870.8	7597.5	7323.3	6915.5	6507.7	6126.3	5739.8	5298.0	4914.0	4542.0	4169.1
17.5°	7498.7	7369.3	7239.1	6944.5	6649.1	6318.7	5944.2	5425.7	4976.2	4571.8	4167.4
20°	7138.6	7186.3	7233.1	7115.6	6998.1	6733.4	6406.4	5824.1	5250.3	4721.6	4192.1
22.5°	6833.0	7062.0	7290.1	7381.2	7471.5	7312.3	7056.9	6383.5	5624.0	4933.6	4243.1
25°	6611.6	6991.3	7371.0	7674.1	7976.3	7905.7	7709.0	7062.8	6119.5	5239.2	4358.1
27.5°	6556.3	7022.0	7487.7	7957.6	8426.7	8492.3	8437.8	7778.8	6710.4	5618.9	4526.6
30°	6643.1	7114.8	7585.6	8157.7	8728.9	8990.3	9063.5	8375.6	7385.5	6061.6	4736.9
32.5°	6804.9	7267.2	7729.4	8352.6	8975.0	9370.0	9603.3	8921.3	7856.3	6395.4	4933.6
35°	7066.2	7498.7	7931.2	8579.9	9228.7	9739.5	10165.2	9484.9	8274.3	6628.6	4982.1
37.5°	7524.3	7896.3	8268.3	8867.7	9466.2	10128.6	10767.9	10105.6	8726.4	6853.4	4979.6
40°	8216.4	8479.5	8741.7	9248.3	9754.0	10587.4	11450.7	10797.7	9226.1	7096.9	4967.7
42.5°	9078.8	9214.2	9348.7	9749.7	10150.7	11066.7	12070.5	11474.5	9702.9	7323.3	4943.8
45°	9973.6	10009.4	10045.1	10298.0	10550.0	11446.5	12492.8	11982.8	10119.2	7520.0	4920.0
47.5°	10898.2	10775.6	10653.0	10753.5	10853.9	11737.6	12794.1	12368.5	10537.2	7738.0	4937.9
50°	11905.3	11563.9	11222.5	11169.8	11117.0	12028.8	13149.2	12858.8	11039.5	8055.5	5071.5
52.5°	12928.7	12365.9	11803.2	11594.6	11385.2	12376.1	13620.0	13469.3	11756.3	8547.6	5338.0
55°	13866.9	13150.9	12434.9	12153.9	11873.0	12907.4	14194.6	14365.7	12675.0	9176.7	5677.7
57.5°	14778.7	13967.3	13156.0	12895.5	12634.9	13688.1	14922.5	15170.3	13602.9	9780.4	5956.9
60°	15648.7	14845.9	14042.2	13833.6	13624.2	14658.6	15709.2	15528.7	14081.4	10063.0	6043.8
62.5°	16317.9	15679.4	15040.9	14931.0	14820.4	15640.2	16313.6	15389.1	13777.5	9784.6	5791.8
65°	16599.7	16236.2	15871.8	15974.8	16077.0	16382.6	16464.3	14980.4	12822.2	9004.8	5187.3
67.5°	15790.1	15864.1	15938.2	16370.7	16802.3	16592.0	16016.5	14175.0	11462.6	7899.7	4336.8
70°	13353.5	13797.9	14241.4	15264.8	16287.3	15820.7	14817.0	12729.4	9826.3	6626.9	3426.7
72.5°	10218.8	10718.5	11217.4	12736.3	14254.2	13824.3	12594.9	10455.5	7878.4	5292.0	2704.8
75°	7399.1	7963.6	8527.2	10202.6	11878.1	11281.3	9421.1	7486.0	5984.2	4039.7	2094.3
77.5°	5270.7	5648.7	6026.7	7681.8	9335.9	8363.7	6271.1	5037.5	4141.8	2807.8	1472.8
80°	4227.8	4112.0	3996.3	4918.3	5840.3	5678.5	4147.8	3235.1	2866.5	1881.5	896.5
82.5°	3448.8	3166.2	2883.5	3317.7	3751.9	3728.1	2878.4	2373.6	2133.5	1307.7	481.9
85°	2526.0	2412.7	2299.5	2683.5	3067.4	2739.7	1949.6	1508.6	1663.5	962.9	262.2
87.5°	1231.9	1407.3	1581.8	2034.7	2486.8	1867.0	591.7	292.9	405.2	266.5	126.9
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: P320431
 CATALOG NUMBER: GAN-SA7A-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: P320431

CATALOG NUMBER: GAN-SA7A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3
2.5°	6633.7	6563.9	6484.8	6405.6	6315.3	6224.2	6170.6	6116.1	6057.4	5998.6	5932.2
5°	6075.3	5928.8	5762.8	5596.8	5432.5	5268.2	5179.6	5091.1	4997.4	4902.9	4821.2
7.5°	5273.3	5059.6	4829.7	4599.0	4394.7	4189.5	4062.7	3935.0	3819.2	3702.5	3604.6
10°	4567.5	4295.1	4064.4	3832.8	3678.7	3524.6	3408.0	3291.3	3179.0	3065.7	2957.6
12.5°	4102.7	3830.2	3683.8	3537.4	3409.7	3282.0	3147.5	3012.1	2858.0	2703.0	2589.8
15°	3921.3	3673.6	3511.0	3347.5	3176.4	3004.4	2839.3	2674.1	2491.9	2309.7	2181.2
17.5°	3843.0	3518.6	3291.3	3063.2	2837.6	2612.0	2420.4	2228.8	2029.6	1830.4	1700.2
20°	3760.4	3328.8	3024.0	2718.4	2428.9	2139.5	1922.4	1705.3	1527.3	1349.4	1249.8
22.5°	3685.5	3127.0	2744.8	2361.7	2019.4	1677.2	1464.3	1250.6	1141.7	1032.7	992.7
25°	3654.9	2950.8	2480.8	2010.9	1649.9	1288.1	1136.6	985.0	943.3	900.7	880.3
27.5°	3660.0	2793.3	2258.6	1723.1	1397.9	1072.7	968.8	865.0	839.4	813.0	800.3
30°	3679.6	2622.2	2049.2	1476.2	1208.1	939.9	872.6	804.5	777.3	750.0	733.9
32.5°	3701.7	2468.9	1887.5	1305.1	1086.3	866.7	811.3	755.2	728.8	702.4	686.2
35°	3663.4	2343.8	1776.8	1209.8	1008.0	805.4	758.6	710.9	681.9	653.0	637.7
37.5°	3598.7	2217.8	1690.8	1162.9	956.9	750.0	716.0	681.1	651.3	620.6	606.2
40°	3539.9	2111.4	1626.9	1141.7	928.8	715.1	686.2	657.2	626.6	595.1	578.1
42.5°	3492.3	2039.8	1563.9	1088.0	903.3	717.7	676.8	635.1	605.3	575.5	556.8
45°	3456.5	1993.0	1514.6	1036.1	879.4	722.8	670.9	618.9	589.1	558.5	536.4
47.5°	3453.1	1968.3	1479.7	991.0	834.3	676.8	655.5	634.3	590.8	546.6	521.0
50°	3499.9	1928.3	1438.8	948.4	790.9	633.4	662.4	690.4	616.4	541.5	509.1
52.5°	3597.8	1857.7	1374.1	890.5	738.1	584.9	630.0	674.3	610.4	545.7	504.0
55°	3716.2	1753.8	1276.2	797.7	668.3	538.1	578.1	617.2	577.2	536.4	486.1
57.5°	3790.2	1622.7	1152.7	682.8	590.0	497.2	520.2	542.3	526.1	510.0	458.9
60°	3746.0	1448.2	1014.0	578.9	521.0	463.1	458.9	453.8	477.6	501.4	442.7
62.5°	3529.7	1267.7	891.4	515.1	471.7	427.4	418.0	407.8	447.0	485.3	423.1
65°	3164.5	1141.7	813.9	486.1	437.6	389.1	378.9	368.6	380.6	392.5	363.5
67.5°	2700.5	1064.2	769.6	475.1	416.3	356.7	344.8	332.9	330.3	327.8	317.6
70°	2222.0	1016.5	740.7	464.8	393.3	321.0	309.9	298.8	295.4	291.2	283.5
72.5°	1857.7	1010.6	737.3	464.0	374.6	285.2	275.0	264.8	260.5	255.4	249.4
75°	1521.4	948.4	699.8	451.2	349.1	246.0	236.7	227.3	223.9	219.6	214.5
77.5°	1128.9	784.9	588.3	391.6	298.8	206.0	196.7	186.4	185.6	183.9	179.6
80°	732.2	567.9	420.6	273.3	217.9	161.8	154.1	145.6	146.4	147.3	143.9
82.5°	406.9	331.2	257.1	183.0	149.0	114.9	111.5	107.3	109.8	111.5	107.3
85°	214.5	166.9	137.9	109.0	86.0	63.0	63.0	62.1	65.6	69.0	65.6
87.5°	92.8	58.7	50.2	40.9	23.0	4.3	5.1	5.1	6.8	8.5	7.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320431
 CATALOG NUMBER: GAN-SA7A-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: P320431

CATALOG NUMBER: GAN-SA7A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3
2.5°	5865.0	5802.8	5739.8	5670.9	5683.6	5630.9	5578.1	5544.9	5511.7	5501.4	5491.2
5°	4739.5	4668.8	4597.3	4533.5	4588.8	4551.3	4513.9	4508.8	4502.8	4502.8	4502.0
7.5°	3506.7	3431.0	3354.3	3301.6	3356.0	3349.2	3342.4	3379.0	3415.6	3445.4	3474.4
10°	2849.5	2757.5	2664.7	2586.4	2572.8	2533.6	2493.6	2502.1	2509.8	2542.1	2574.5
12.5°	2476.6	2366.8	2256.9	2165.0	2123.3	2058.6	1993.0	1952.2	1911.3	1915.5	1919.0
15°	2051.8	1945.3	1838.1	1758.9	1732.5	1682.3	1632.0	1581.0	1529.0	1507.7	1485.6
17.5°	1569.0	1483.9	1397.9	1345.1	1345.1	1330.7	1316.2	1290.7	1264.3	1243.0	1220.8
20°	1150.2	1105.1	1059.1	1036.9	1043.8	1044.6	1044.6	1057.4	1070.2	1063.3	1056.5
22.5°	951.8	935.6	919.5	910.1	913.5	914.4	915.2	927.1	938.2	946.7	954.4
25°	859.0	848.8	838.6	835.2	842.8	843.7	843.7	851.4	859.0	867.5	876.0
27.5°	786.7	782.4	778.1	772.2	779.8	779.8	779.0	787.5	795.2	802.8	809.6
30°	717.7	719.4	720.2	718.5	723.7	727.1	729.6	735.6	740.7	746.6	752.6
32.5°	669.2	666.6	664.1	662.4	673.4	679.4	685.3	691.3	696.4	699.0	701.5
35°	622.3	616.4	610.4	606.2	616.4	624.0	631.7	642.8	653.0	654.7	656.4
37.5°	590.8	583.2	575.5	570.4	574.7	578.1	581.5	593.4	605.3	612.1	618.1
40°	561.0	553.4	545.7	541.5	544.0	544.9	545.7	551.7	556.8	569.6	581.5
42.5°	537.2	527.8	518.5	513.4	515.1	516.8	517.6	516.8	515.9	527.8	539.8
45°	513.4	503.2	492.9	487.0	487.8	487.8	487.8	486.1	483.6	489.5	495.5
47.5°	494.6	482.7	470.8	464.8	463.1	461.4	459.7	458.9	457.2	461.4	464.8
50°	475.9	463.1	449.5	442.7	438.4	436.7	435.0	434.2	432.5	436.7	440.1
52.5°	461.4	446.1	430.8	419.7	415.5	412.9	410.4	411.2	411.2	412.9	413.8
55°	435.9	422.3	407.8	400.1	392.5	390.8	389.1	391.6	393.3	393.3	393.3
57.5°	407.8	395.0	381.4	376.3	369.5	369.5	368.6	372.0	374.6	376.3	378.0
60°	383.1	368.6	354.2	349.9	347.4	346.5	345.6	349.9	353.3	356.7	360.1
62.5°	360.1	344.8	329.5	324.4	323.5	324.4	324.4	328.6	332.0	335.4	338.8
65°	334.6	319.3	303.1	298.0	299.7	302.2	304.8	308.2	310.7	314.1	317.6
67.5°	306.5	293.7	280.1	275.0	275.8	279.2	282.6	285.2	286.9	290.3	293.7
70°	275.8	264.8	253.7	250.3	249.4	253.7	257.1	258.8	260.5	264.8	268.2
72.5°	242.6	233.3	223.9	221.4	222.2	224.8	227.3	229.9	231.6	235.8	239.2
75°	208.6	200.1	191.6	189.9	191.6	194.1	196.7	198.4	200.1	205.2	209.4
77.5°	175.4	166.0	155.8	154.9	157.5	160.1	161.8	164.3	166.9	173.7	180.5
80°	140.5	130.3	119.2	118.3	120.9	123.4	126.0	128.6	131.1	139.6	147.3
82.5°	103.0	91.1	79.2	77.5	86.0	88.5	91.1	95.4	98.8	106.4	114.1
85°	62.1	50.2	38.3	37.5	45.1	49.4	53.6	58.7	63.0	69.8	76.6
87.5°	6.8	3.4	0.0	0.0	0.9	4.3	7.7	11.9	16.2	23.0	28.9
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: P320431
 CATALOG NUMBER: GAN-SA7A-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: P320431

CATALOG NUMBER: GAN-SA7A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3
2.5°	5453.8	5415.5	5454.6	5492.9	5509.1	5525.3	5483.6	5441.0	5507.4	5573.0	5590.0
5°	4467.9	4433.0	4459.4	4484.9	4427.9	4370.9	4364.9	4358.1	4407.5	4456.8	4464.5
7.5°	3463.3	3452.2	3476.9	3501.6	3429.3	3356.0	3320.3	3284.5	3296.4	3308.4	3306.7
10°	2582.2	2589.0	2619.6	2649.4	2593.2	2537.0	2512.3	2487.7	2514.9	2541.3	2566.0
12.5°	1934.3	1948.7	1981.1	2012.6	1989.6	1965.8	1968.3	1970.9	2002.4	2033.0	2060.3
15°	1502.6	1519.7	1542.7	1564.8	1565.6	1565.6	1587.8	1609.1	1606.5	1604.0	1622.7
17.5°	1243.8	1266.0	1268.5	1271.1	1271.9	1272.8	1271.1	1269.4	1256.6	1243.8	1258.3
20°	1065.0	1072.7	1079.5	1085.5	1077.8	1069.3	1048.0	1026.7	1018.2	1009.7	1023.3
22.5°	968.8	982.5	975.7	968.0	952.7	936.5	920.3	903.3	902.4	900.7	908.4
25°	888.0	899.0	887.1	875.2	864.1	853.1	842.0	830.9	830.1	829.2	832.6
27.5°	820.7	830.9	819.9	808.8	799.4	790.1	781.5	773.0	771.3	769.6	770.5
30°	762.8	772.2	762.8	752.6	745.8	738.1	732.2	726.2	725.4	724.5	724.5
32.5°	710.9	720.2	713.4	706.6	700.7	694.7	690.4	686.2	681.9	677.7	668.3
35°	665.8	675.1	670.9	665.8	658.9	652.1	644.5	636.0	624.9	613.0	607.9
37.5°	627.4	636.8	632.6	628.3	618.9	609.6	595.9	581.5	578.1	573.8	573.0
40°	596.8	611.3	602.8	593.4	578.9	564.4	557.6	550.8	549.1	547.4	545.7
42.5°	562.7	584.9	569.6	554.2	540.6	527.0	525.3	523.6	522.7	521.9	521.9
45°	520.2	544.0	528.7	512.5	504.9	497.2	497.2	497.2	498.0	498.0	499.7
47.5°	480.2	494.6	487.0	479.3	475.1	470.8	471.7	472.5	475.1	476.8	481.0
50°	446.1	451.2	452.9	453.8	451.2	448.7	450.4	451.2	453.8	455.5	458.9
52.5°	421.4	429.1	429.1	428.2	428.2	428.2	429.9	431.6	434.2	436.7	440.1
55°	405.2	416.3	412.9	409.5	410.4	410.4	412.1	413.8	416.3	418.0	423.1
57.5°	389.9	401.8	398.4	395.0	395.0	395.0	395.9	396.7	399.3	401.0	404.4
60°	372.0	384.0	380.6	376.3	377.1	378.0	378.9	378.9	380.6	381.4	381.4
62.5°	350.8	362.7	359.3	355.0	357.6	359.3	359.3	359.3	361.0	361.8	359.3
65°	328.6	339.7	336.3	332.9	336.3	338.8	340.5	341.4	340.5	339.7	337.1
67.5°	304.8	315.9	312.4	308.2	312.4	315.9	319.3	321.8	319.3	316.7	313.3
70°	279.2	290.3	286.1	281.8	286.1	290.3	293.7	297.1	293.7	290.3	289.5
72.5°	252.0	264.8	259.7	254.6	259.7	264.8	266.5	268.2	265.6	263.1	261.4
75°	222.2	235.0	230.7	225.6	229.9	234.1	235.0	235.8	235.8	235.0	229.9
77.5°	190.7	200.9	198.4	195.8	198.4	200.9	200.9	200.9	201.8	201.8	195.0
80°	153.2	159.2	160.1	160.9	161.8	162.6	161.8	160.9	159.2	157.5	153.2
82.5°	114.1	114.1	120.9	126.9	126.9	126.0	125.1	123.4	120.0	115.8	106.4
85°	72.4	68.1	79.2	89.4	89.4	88.5	86.8	84.3	77.5	69.8	62.1
87.5°	24.7	20.4	31.5	42.6	43.4	43.4	41.7	40.0	33.2	25.5	19.6
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: P320431
 CATALOG NUMBER: GAN-SA7A-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: P320431

CATALOG NUMBER: GAN-SA7A-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3
2.5°	5615.5	5626.6	5636.8	5720.2	5802.8	5899.9	5996.9	6071.0	6144.2	6220.0	6295.8
5°	4490.9	4504.5	4518.1	4619.4	4719.9	4855.3	4990.6	5107.3	5223.9	5361.0	5498.0
7.5°	3328.8	3358.6	3387.5	3495.7	3602.9	3748.5	3893.2	4045.6	4197.2	4376.0	4554.7
10°	2614.5	2670.7	2726.0	2836.7	2947.4	3091.3	3234.3	3393.5	3552.7	3728.9	3904.3
12.5°	2116.5	2191.4	2265.5	2398.3	2531.1	2703.0	2874.2	3051.3	3227.5	3382.4	3537.4
15°	1672.1	1753.8	1834.7	1975.1	2115.6	2304.6	2492.8	2686.0	2878.4	3064.0	3249.6
17.5°	1304.3	1371.5	1437.9	1557.1	1675.5	1858.5	2041.5	2244.2	2446.8	2673.3	2898.9
20°	1052.3	1080.4	1108.5	1194.4	1279.6	1428.6	1576.7	1783.6	1990.5	2261.2	2531.9
22.5°	922.0	936.5	950.1	991.8	1032.7	1128.9	1224.2	1407.3	1589.5	1884.9	2179.5
25°	843.7	854.8	865.8	893.1	920.3	966.3	1012.3	1140.8	1269.4	1559.7	1849.1
27.5°	773.0	790.1	806.2	819.0	830.9	862.4	893.1	977.4	1061.6	1332.4	1602.2
30°	721.9	727.9	733.9	753.4	772.2	804.5	836.9	895.6	954.4	1183.4	1411.5
32.5°	662.4	670.9	679.4	699.8	720.2	750.0	779.8	827.5	874.3	1070.2	1265.1
35°	608.7	617.2	625.7	646.2	665.8	698.1	729.6	769.6	808.8	979.1	1149.3
37.5°	575.5	584.0	592.5	610.4	627.4	659.8	691.3	722.8	753.4	910.9	1068.4
40°	547.4	555.9	564.4	581.5	597.7	629.2	659.8	686.2	712.6	859.9	1007.2
42.5°	522.7	532.1	541.5	558.5	574.7	602.8	630.9	665.8	699.8	815.6	930.5
45°	502.3	511.7	520.2	538.9	557.6	584.9	612.1	660.7	709.2	792.6	876.0
47.5°	483.6	493.8	503.2	523.6	544.0	578.1	611.3	652.1	692.2	774.7	857.3
50°	465.7	477.6	489.5	514.2	538.1	595.1	651.3	657.2	662.4	760.3	857.3
52.5°	448.7	462.3	475.9	506.6	536.4	602.8	669.2	647.9	625.7	733.0	840.3
55°	431.6	443.6	454.6	492.1	529.5	578.1	626.6	598.5	569.6	681.9	794.3
57.5°	408.6	421.4	433.3	473.4	513.4	547.4	580.6	555.1	528.7	624.0	718.5
60°	384.8	399.3	413.8	464.8	515.1	509.1	502.3	497.2	491.2	559.3	627.4
62.5°	363.5	378.9	394.2	460.6	527.0	486.1	445.3	449.5	452.9	503.2	553.4
65°	342.2	357.6	372.0	405.2	438.4	422.3	406.1	412.9	418.9	468.2	517.6
67.5°	318.4	332.0	344.8	355.9	366.9	368.6	370.3	377.1	384.0	442.7	500.6
70°	292.0	303.1	314.1	321.8	328.6	332.0	334.6	343.1	351.6	415.5	479.3
72.5°	262.2	271.6	280.1	286.9	293.7	296.3	298.0	306.5	315.0	383.1	451.2
75°	229.9	237.5	244.3	250.3	256.3	259.7	263.1	269.0	275.0	349.1	422.3
77.5°	194.1	201.8	208.6	213.7	217.9	221.4	223.9	231.6	239.2	301.4	362.7
80°	151.5	160.9	169.4	173.7	177.1	177.9	177.9	184.7	191.6	235.8	279.2
82.5°	107.3	117.5	126.9	130.3	133.7	133.7	133.7	141.3	149.0	178.8	207.7
85°	63.0	74.1	84.3	87.7	91.1	92.8	93.6	97.1	99.6	120.9	141.3
87.5°	19.6	28.9	37.5	39.2	40.9	44.3	47.7	48.5	48.5	63.0	77.5
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: P320431
 CATALOG NUMBER: GAN-SA7A-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°	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3	6487.3
2.5°	6382.6	6469.4	6570.7	6671.2	6757.2	6843.2	6914.7
5°	5672.6	5847.1	6060.8	6273.6	6463.5	6653.3	6873.8
7.5°	4780.4	5006.0	5282.7	5559.3	5827.5	6094.8	6433.7
10°	4134.2	4363.2	4656.1	4948.1	5249.4	5550.0	5933.1
12.5°	3723.8	3909.4	4192.9	4476.4	4830.6	5183.9	5552.5
15°	3453.1	3655.7	3931.6	4207.4	4594.8	4982.1	5406.1
17.5°	3164.5	3429.3	3782.6	4135.9	4594.8	5052.8	5552.5
20°	2862.3	3191.7	3649.8	4107.8	4725.9	5343.1	5980.8
22.5°	2560.9	2942.3	3529.7	4116.3	4924.2	5731.3	6592.0
25°	2289.3	2729.4	3456.5	4182.7	5212.8	6242.1	7309.7
27.5°	2083.3	2563.4	3426.7	4289.1	5578.9	6868.7	8090.4
30°	1900.2	2388.9	3390.9	4393.0	5931.4	7468.9	8700.8
32.5°	1741.9	2218.6	3322.0	4424.5	6177.4	7930.4	9217.6
35°	1617.6	2085.8	3206.2	4326.6	6331.5	8336.5	9755.7
37.5°	1510.3	1952.2	3074.2	4196.3	6468.6	8740.9	10361.0
40°	1408.1	1809.1	2961.0	4112.0	6657.6	9203.1	11000.3
42.5°	1311.1	1691.6	2869.9	4048.2	6833.0	9616.9	11559.7
45°	1238.7	1601.4	2789.0	3975.8	6946.2	9916.6	11981.1
47.5°	1203.0	1547.8	2745.6	3942.6	7059.4	10175.4	12331.0
50°	1197.9	1538.4	2795.0	4051.6	7304.6	10556.8	12731.1
52.5°	1197.0	1553.7	2937.2	4320.6	7760.1	11198.7	13164.5
55°	1179.1	1563.1	3106.6	4649.2	8371.4	12092.6	13943.5
57.5°	1124.6	1530.7	3281.1	5030.7	9017.5	13003.6	14821.2
60°	1040.4	1452.4	3425.0	5396.7	9451.7	13505.9	15159.2
62.5°	934.8	1315.3	3472.7	5629.2	9439.8	13250.5	14818.7
65°	844.5	1171.5	3316.0	5459.7	8962.2	12463.8	14145.2
67.5°	764.5	1027.6	2924.4	4820.4	8103.2	11385.2	13288.8
70°	706.6	933.1	2419.5	3906.0	7027.9	10149.0	12297.0
72.5°	670.0	888.0	1972.6	3056.4	5703.2	8349.2	10518.5
75°	619.8	817.3	1547.8	2277.4	4364.9	6452.4	7944.8
77.5°	526.1	688.7	1166.4	1644.0	3202.8	4760.8	5525.3
80°	406.1	532.1	802.0	1071.9	2204.2	3336.5	3767.2
82.5°	289.5	371.2	486.1	601.1	1464.3	2326.8	2362.5
85°	178.8	216.2	278.4	340.5	968.8	1597.1	1330.7
87.5°	96.2	114.9	147.3	178.8	309.9	441.0	253.7
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)