

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: P383171

Luminaire Tested: **GAN-SA5A-735-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383171
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-SA5A-735-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 3500K, 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: 19067.8 lumens
Efficiency: N/A
Efficacy: 117.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G4

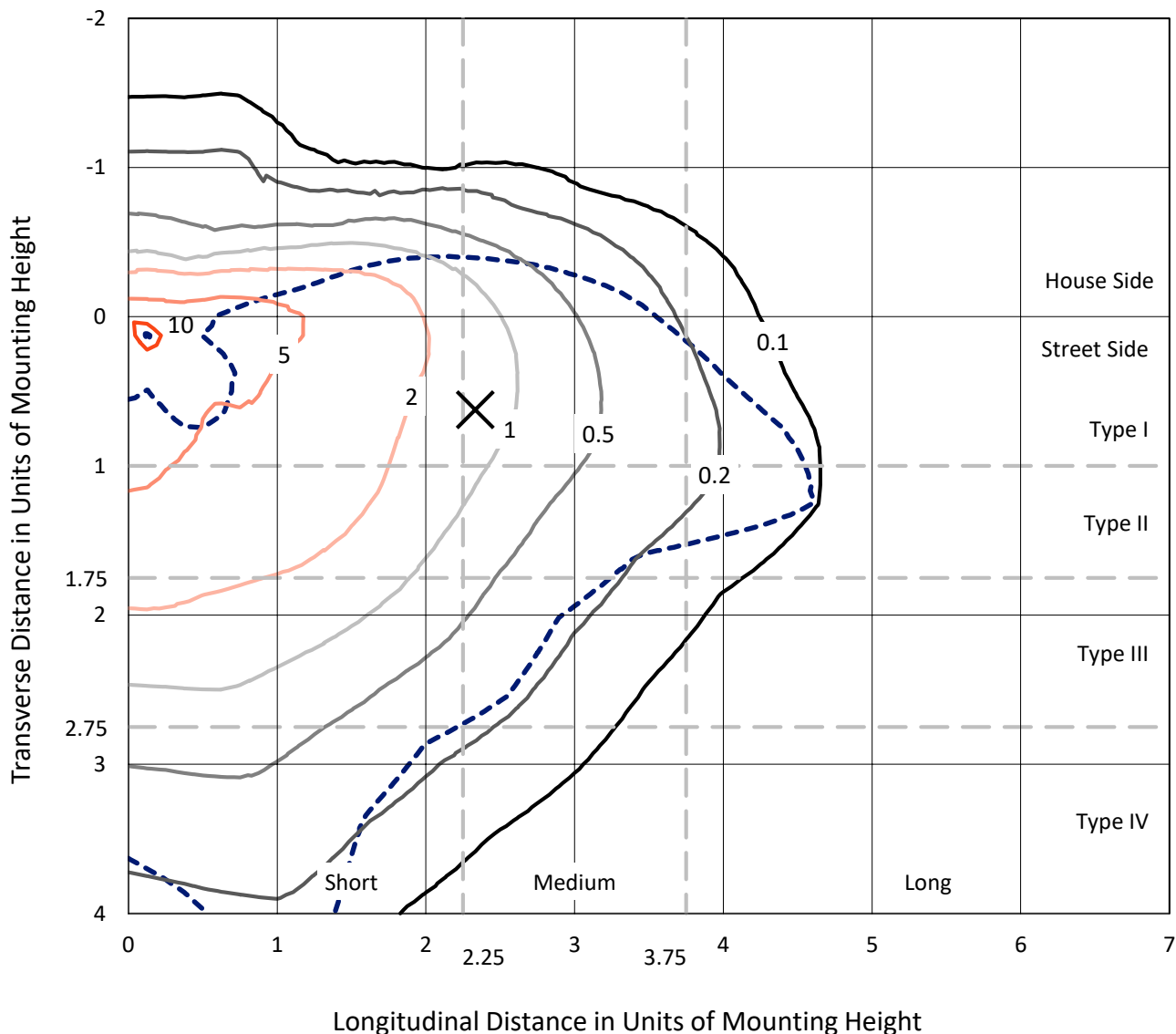
Input Watts (W): 162
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

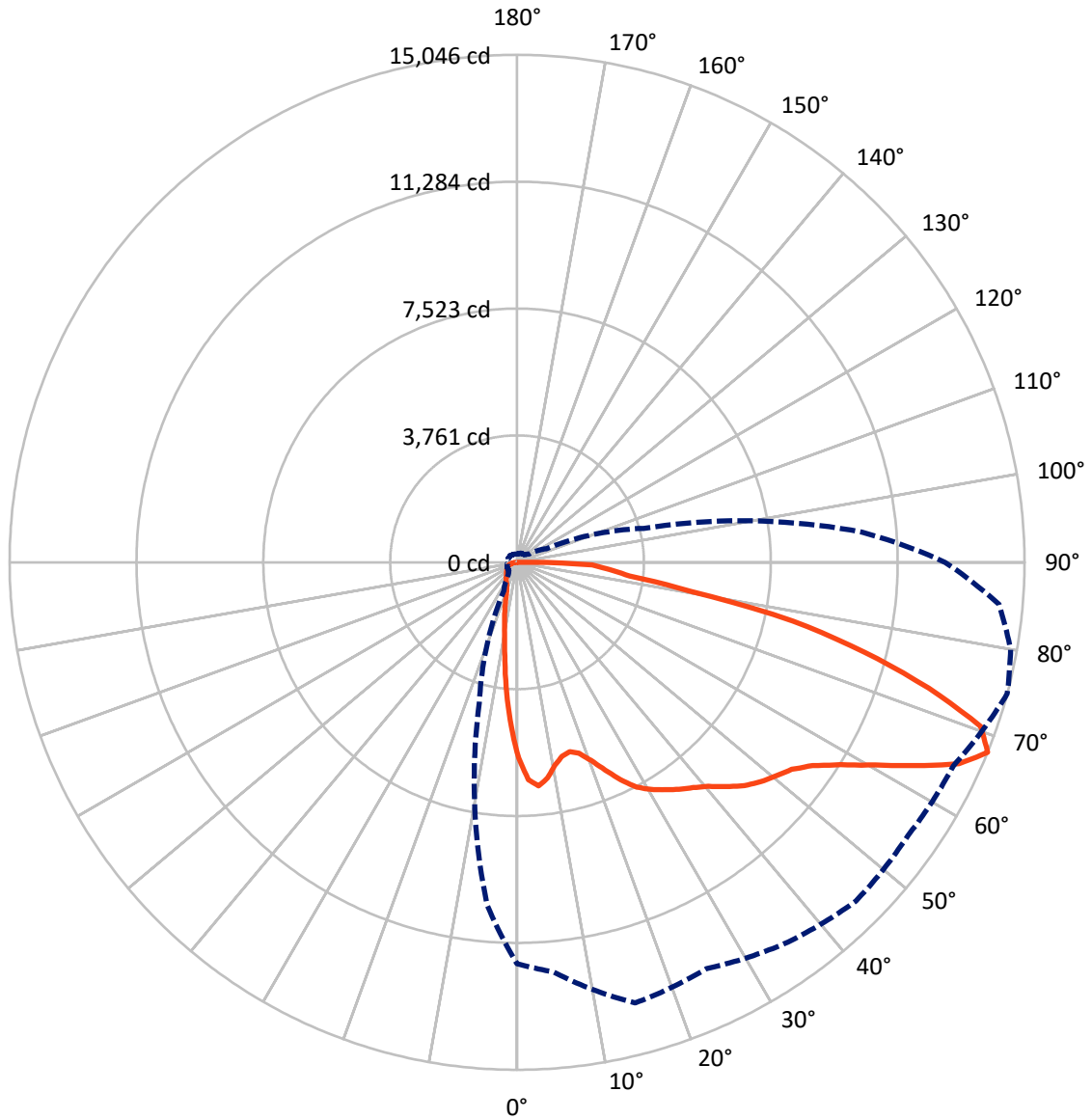
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.7 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	3358.3	0.0	3358.3
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	15709.5	0.0	15709.5
	% Fixture	82.4	0.0	82.4
Total	Lumens	19067.8	0.0	19067.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	448.3	2.4
10°-20°	931.4	4.9
20°-30°	1324.6	6.9
30°-40°	1908.7	10.0
40°-50°	2690.0	14.1
50°-60°	3739.5	19.6
60°-70°	4522.2	23.7
70°-80°	2779.7	14.6
80°-90°	723.3	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°	19067.8	100.0
0°-180°	19067.8	100.0

Coefficient of Utilization

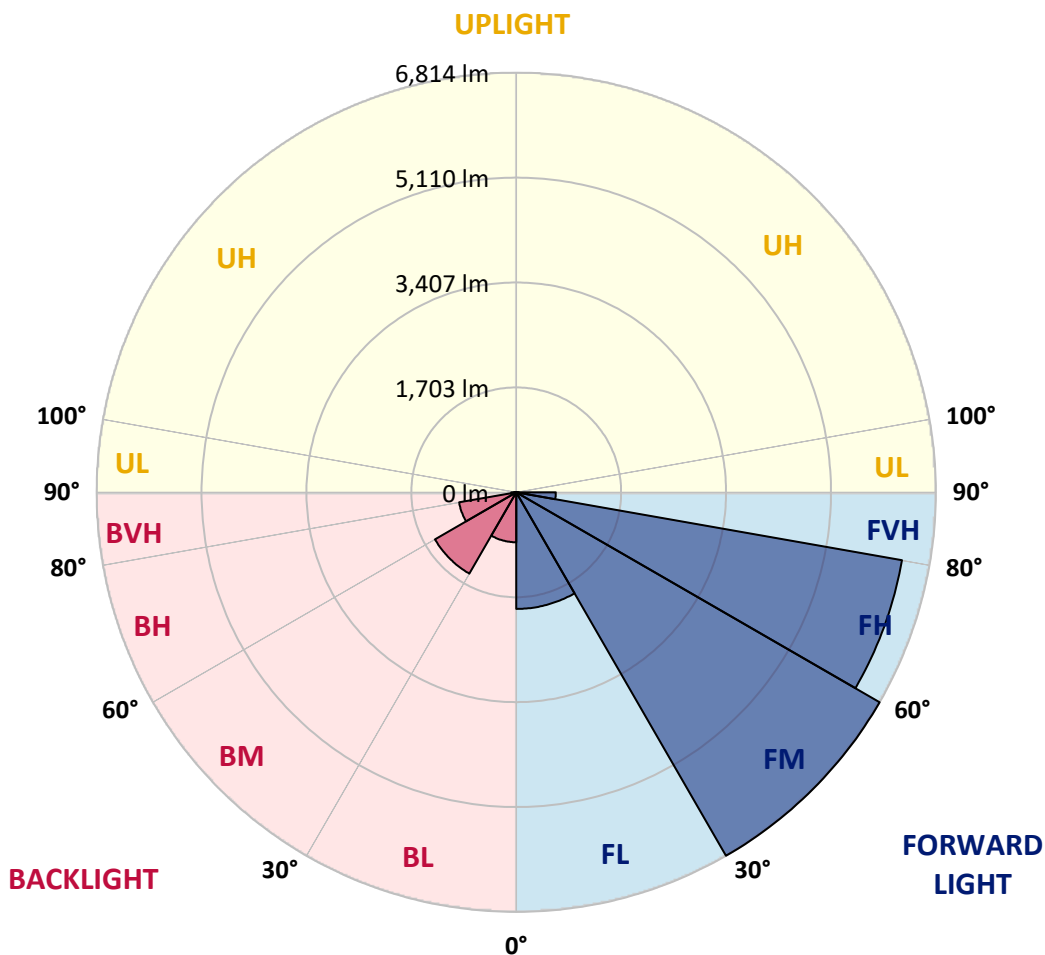


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1893.2	9.9			
FM (30°-60°)	6813.8	35.7			
FH (60°-80°)	6360.4	33.4			G3/7500
FVH (80°-90°)	642.1	3.4			G4/750
BL (0°-30°)	811.1	4.3	B2/1000		
BM (30°-60°)	1524.4	8.0	B2/2500		
BH (60°-80°)	941.6	4.9	B2/1000		G2/1000
BVH (80°-90°)	81.3	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°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	6191.8	6273.4	6329.8	6385.5	6428.9	6471.6	6534.1	6596.7	6608.8	6620.2	6595.8
5°	6155.2	6354.2	6523.4	6691.9	6848.2	7004.5	7098.2	7192.0	7211.1	7230.1	7171.4
7.5°	5761.1	6054.6	6348.1	6641.6	6910.7	7179.8	7343.8	7506.9	7544.2	7580.8	7484.8
10°	5312.8	5654.3	6014.9	6375.5	6730.1	7084.5	7321.6	7558.7	7606.0	7653.2	7533.5
12.5°	4972.0	5344.8	5729.9	6114.8	6489.2	6862.7	7108.2	7353.6	7412.3	7471.0	7384.1
15°	4840.9	5249.6	5611.6	5973.7	6300.1	6625.6	6826.8	7027.3	7051.7	7075.4	7061.7
17.5°	4972.0	5422.6	5750.4	6077.4	6255.1	6432.0	6512.7	6592.8	6619.5	6645.4	6680.5
20°	5355.5	5841.9	6072.9	6303.1	6295.5	6287.1	6248.3	6208.6	6201.7	6194.9	6294.0
22.5°	5902.8	6467.7	6560.1	6651.5	6437.3	6223.1	6092.7	5961.6	5935.6	5909.0	6014.2
25°	6545.5	7147.0	7130.3	7112.7	6704.9	6296.2	6047.7	5799.2	5770.2	5741.2	5831.2
27.5°	7244.6	7819.4	7709.7	7599.8	7045.7	6491.4	6130.8	5770.2	5741.2	5712.2	5791.6
30°	7791.2	8312.7	8136.6	7960.4	7333.0	6705.7	6277.2	5848.7	5801.5	5753.4	5851.1
32.5°	8254.0	8697.7	8461.3	8225.0	7566.3	6907.6	6444.2	5980.6	5906.7	5832.7	5963.1
35°	8735.8	9081.8	8749.5	8416.3	7774.4	7131.7	6641.6	6150.6	6059.9	5969.2	6148.4
37.5°	9277.8	9565.2	9088.0	8610.0	8008.5	7407.0	6937.4	6467.0	6374.0	6281.0	6509.7
40°	9850.4	10089.7	9453.2	8816.5	8264.6	7712.7	7346.7	6980.1	6891.7	6802.4	7079.9
42.5°	10351.2	10525.7	9793.2	9060.5	8573.4	8085.5	7827.8	7569.4	7568.6	7567.1	7848.4
45°	10728.5	10880.3	10076.7	9272.4	8874.5	8475.8	8341.6	8207.5	8315.0	8422.4	8677.1
47.5°	11041.9	11144.8	10314.6	9483.6	9219.1	8954.6	8974.3	8994.2	9213.0	9431.8	9595.7
50°	11400.2	11317.1	10530.3	9742.9	9661.3	9579.7	9758.1	9935.7	10187.3	10438.1	10549.4
52.5°	11788.2	11567.9	10823.1	10077.5	10169.0	10260.4	10623.4	10986.2	11240.1	11494.0	11535.9
55°	12485.8	12148.0	11361.3	10573.8	10749.9	10925.3	11458.1	11990.2	12188.5	12386.7	12401.9
57.5°	13271.8	12972.2	12115.2	11258.4	11447.4	11636.5	12251.7	12866.2	13080.4	13293.8	13264.1
60°	13574.4	13588.9	12831.1	12072.6	12263.2	12453.8	13052.9	13652.2	13898.4	14143.9	14078.3
62.5°	13269.4	13627.1	13222.2	12816.6	12989.7	13162.0	13749.0	14336.0	14588.3	14840.7	14726.3
65°	12666.4	13021.0	13202.4	13383.8	13441.0	13498.2	14046.3	14593.7	14787.3	14980.2	14922.3
67.5°	11899.5	12186.1	12855.5	13524.1	13409.0	13293.8	13550.8	13807.7	14006.7	14205.6	14172.8
70°	11011.4	11353.0	12245.7	13138.4	12572.7	12006.3	11900.3	11794.3	12009.3	12223.5	12090.8
72.5°	9418.9	9934.2	10886.3	11837.7	10795.6	9753.5	9391.4	9029.3	9301.4	9573.6	9362.4
75°	7114.2	7798.1	8850.2	9901.4	8658.0	7414.7	6931.3	6448.0	6682.0	6916.0	6771.2
77.5°	4947.6	5805.3	6841.3	7877.4	6613.4	5348.7	4989.6	4629.8	4699.8	4769.2	4744.8
80°	3373.4	3937.6	4660.3	5382.2	4540.5	3698.9	3727.1	3754.6	3721.8	3688.3	3737.0
82.5°	2115.5	2512.7	3070.8	3628.0	3181.3	2734.6	2990.7	3246.8	3121.1	2994.6	3041.8
85°	1191.5	1434.0	1979.8	2524.9	2353.4	2181.1	2331.3	2480.7	2285.6	2090.4	2176.5
87.5°	227.2	378.1	1095.5	1812.1	1645.1	1478.2	1284.6	1090.9	832.5	574.0	838.6
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



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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°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	6571.4	6558.5	6545.5	6499.0	6451.8	6381.7	6323.7	6223.1	6168.1	6085.1	6002.0
5°	7112.0	7029.6	6947.3	6805.5	6663.0	6504.3	6322.1	6120.2	5967.7	5769.4	5571.2
7.5°	7388.7	7196.6	7003.7	6731.5	6458.6	6213.1	5925.0	5656.6	5427.9	5170.3	4912.6
10°	7413.8	7125.7	6836.7	6483.0	6128.6	5830.5	5498.8	5200.7	4926.3	4630.5	4333.9
12.5°	7296.4	6990.0	6682.7	6293.2	5902.8	5564.4	5207.6	4873.7	4569.5	4244.0	3917.7
15°	7047.9	6803.2	6557.7	6192.6	5827.4	5485.9	5139.7	4744.1	4400.3	4067.1	3733.3
17.5°	6714.8	6598.9	6482.3	6218.5	5954.0	5658.1	5322.8	4858.5	4456.0	4093.8	3731.7
20°	6392.3	6435.0	6477.0	6371.7	6266.5	6029.4	5736.7	5215.3	4701.4	4228.0	3753.9
22.5°	6118.6	6323.7	6528.0	6609.6	6690.4	6547.8	6319.2	5716.1	5036.0	4417.9	3799.6
25°	5920.5	6260.5	6600.4	6871.8	7142.5	7079.2	6903.0	6324.5	5479.7	4691.5	3902.4
27.5°	5870.9	6287.9	6704.9	7125.7	7545.7	7604.4	7555.7	6965.6	6008.9	5031.5	4053.4
30°	5948.6	6370.9	6792.6	7304.8	7816.3	8050.4	8116.0	7500.0	6613.4	5427.9	4241.7
32.5°	6093.4	6507.4	6921.4	7479.4	8036.7	8390.4	8599.3	7988.7	7035.0	5726.8	4417.9
35°	6327.5	6714.8	7102.0	7682.9	8263.9	8721.2	9102.4	8493.4	7409.3	5935.6	4461.3
37.5°	6737.7	7070.8	7403.9	7940.6	8476.6	9069.6	9642.2	9049.1	7814.1	6136.9	4458.9
40°	7357.5	7593.0	7827.8	8281.4	8734.3	9480.5	10253.6	9668.9	8261.6	6354.9	4448.3
42.5°	8129.7	8250.9	8371.4	8730.5	9089.5	9909.8	10808.6	10275.0	8688.5	6557.7	4427.0
45°	8930.9	8963.0	8994.9	9221.4	9447.0	10249.8	11186.8	10730.1	9061.3	6733.9	4405.7
47.5°	9758.8	9649.1	9539.3	9629.2	9719.2	10510.6	11456.6	11075.4	9435.6	6929.0	4421.6
50°	10660.7	10355.0	10049.3	10002.0	9954.8	10771.2	11774.5	11514.6	9885.4	7213.3	4541.3
52.5°	11577.1	11073.1	10569.2	10382.5	10195.0	11082.2	12196.1	12061.1	10527.3	7654.0	4780.0
55°	12417.2	11776.1	11134.9	10883.3	10631.8	11558.0	12710.7	12863.9	11349.9	8217.4	5084.1
57.5°	13233.7	12507.1	11780.6	11547.3	11314.0	12257.0	13362.5	13584.3	12180.8	8757.9	5334.1
60°	14012.8	13293.8	12574.2	12387.4	12199.9	13126.2	14066.9	13905.3	12609.2	9011.0	5411.9
62.5°	14612.0	14040.2	13468.4	13370.1	13271.0	14005.2	14608.2	13780.2	12337.1	8761.7	5186.3
65°	14864.3	14538.8	14212.5	14304.8	14396.2	14669.9	14743.1	13414.3	11481.8	8063.4	4645.0
67.5°	14139.3	14205.6	14272.0	14659.2	15045.7	14857.4	14342.1	12693.2	10264.3	7073.9	3883.4
70°	11957.4	12355.4	12752.6	13669.0	14584.5	14166.8	13267.9	11398.7	8799.0	5934.1	3068.4
72.5°	9150.5	9598.0	10044.7	11404.8	12764.1	12379.1	11278.2	9362.4	7054.8	4738.8	2422.0
75°	6625.6	7131.0	7635.7	9136.0	10636.3	10101.9	8436.2	6703.3	5358.5	3617.4	1875.4
77.5°	4719.7	5058.2	5396.6	6878.6	8359.9	7489.4	5615.5	4510.8	3708.9	2514.2	1318.9
80°	3785.8	3682.1	3578.4	4404.1	5229.7	5084.9	3714.2	2896.9	2566.9	1684.8	802.7
82.5°	3088.3	2835.2	2582.1	2970.9	3359.7	3338.3	2577.5	2125.4	1910.4	1171.0	431.5
85°	2261.9	2160.5	2059.1	2402.9	2746.8	2453.2	1745.8	1350.9	1489.6	862.2	234.8
87.5°	1103.1	1260.2	1416.4	1822.0	2226.9	1671.8	529.9	262.2	362.8	238.6	113.6
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: P383171
 CATALOG NUMBER: GAN-SA5A-735-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: P383171

CATALOG NUMBER: GAN-SA5A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	5940.2	5877.7	5806.8	5735.9	5655.1	5573.5	5525.5	5476.8	5424.1	5371.5	5312.1
5°	5440.1	5309.0	5160.3	5011.7	4864.5	4717.5	4638.2	4558.9	4475.0	4390.4	4317.2
7.5°	4722.0	4530.7	4324.8	4118.2	3935.2	3751.5	3638.0	3523.6	3419.9	3315.5	3227.8
10°	4090.1	3846.1	3639.5	3432.1	3294.1	3156.2	3051.7	2947.2	2846.6	2745.2	2648.4
12.5°	3673.7	3429.8	3298.7	3167.5	3053.2	2938.8	2818.4	2697.2	2559.2	2420.4	2319.1
15°	3511.4	3289.6	3144.0	2997.5	2844.3	2690.3	2542.5	2394.5	2231.4	2068.2	1953.2
17.5°	3441.2	3150.8	2947.2	2742.9	2540.9	2338.9	2167.3	1995.8	1817.4	1639.1	1522.4
20°	3367.3	2980.8	2707.8	2434.2	2175.0	1915.8	1721.4	1527.0	1367.7	1208.3	1119.2
22.5°	3300.2	2800.1	2457.8	2114.8	1808.3	1501.8	1311.2	1119.9	1022.3	924.7	888.9
25°	3272.8	2642.3	2221.5	1800.7	1477.4	1153.4	1017.7	882.1	844.7	806.5	788.3
27.5°	3277.4	2501.3	2022.5	1543.0	1251.8	960.5	867.6	774.6	751.7	728.0	716.6
30°	3294.9	2348.1	1835.0	1322.0	1081.8	841.7	781.4	720.5	696.1	671.6	657.1
32.5°	3314.7	2210.8	1690.1	1168.7	972.7	776.1	726.5	676.2	652.5	629.0	614.4
35°	3280.4	2098.8	1591.0	1083.3	902.6	721.2	679.3	636.5	610.6	584.7	571.0
37.5°	3222.4	1986.0	1514.0	1041.4	856.8	671.6	641.1	609.9	583.2	555.8	542.8
40°	3169.9	1890.7	1456.8	1022.3	831.7	640.3	614.4	588.6	561.1	532.8	517.7
42.5°	3127.2	1826.6	1400.4	974.3	808.9	642.7	606.1	568.7	542.1	515.3	498.6
45°	3095.2	1784.7	1356.2	927.8	787.5	647.2	600.8	554.3	527.5	500.1	480.3
47.5°	3092.1	1762.6	1324.9	887.4	747.1	606.1	587.0	568.0	529.0	489.4	466.5
50°	3134.0	1726.7	1288.3	849.3	708.3	567.2	593.1	618.3	551.9	484.9	455.9
52.5°	3221.7	1663.5	1230.4	797.4	660.9	523.7	564.1	603.7	546.6	488.7	451.3
55°	3327.7	1570.4	1142.7	714.3	598.4	481.8	517.7	552.7	516.9	480.3	435.3
57.5°	3394.0	1453.0	1032.2	611.4	528.3	445.2	465.8	485.6	471.2	456.6	410.9
60°	3354.3	1296.7	908.0	518.4	466.5	414.7	410.9	406.3	427.7	449.0	396.5
62.5°	3160.7	1135.2	798.1	461.2	422.4	382.7	374.3	365.2	400.2	434.6	378.9
65°	2833.7	1022.3	728.8	435.3	391.8	348.4	339.3	330.1	340.8	351.5	325.5
67.5°	2418.2	953.0	689.2	425.4	372.8	319.4	308.7	298.1	295.8	293.5	284.4
70°	1989.7	910.2	663.3	416.2	352.2	287.4	277.5	267.5	264.6	260.7	253.8
72.5°	1663.5	904.9	660.2	415.5	335.5	255.4	246.2	237.1	233.3	228.7	223.4
75°	1362.3	849.3	626.7	404.0	312.5	220.3	211.9	203.5	200.5	196.6	192.1
77.5°	1010.9	702.9	526.8	350.7	267.5	184.4	176.1	166.9	166.2	164.7	160.9
80°	655.6	508.5	376.6	244.7	195.2	144.9	138.0	130.3	131.2	131.9	128.8
82.5°	364.4	296.5	230.2	163.9	133.4	102.9	99.9	96.0	98.4	99.9	96.0
85°	192.1	149.4	123.5	97.6	77.0	56.5	56.5	55.6	58.7	61.8	58.7
87.5°	83.1	52.6	45.0	36.6	20.6	3.8	4.6	4.6	6.1	7.6	6.9
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: P383171
 CATALOG NUMBER: GAN-SA5A-735-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: P383171
 CATALOG NUMBER: GAN-SA5A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	5251.8	5196.2	5139.7	5078.1	5089.4	5042.2	4995.0	4965.1	4935.4	4926.3	4917.2
5°	4244.0	4180.7	4116.7	4059.5	4109.1	4075.5	4042.0	4037.4	4032.1	4032.1	4031.3
7.5°	3140.2	3072.2	3003.7	2956.4	3005.2	2999.1	2993.0	3025.8	3058.6	3085.2	3111.2
10°	2551.6	2469.3	2386.2	2316.0	2303.8	2268.8	2232.9	2240.6	2247.5	2276.4	2305.3
12.5°	2217.6	2119.4	2021.0	1938.6	1901.3	1843.3	1784.7	1748.0	1711.4	1715.3	1718.3
15°	1837.3	1742.0	1646.0	1575.1	1551.4	1506.4	1461.4	1415.7	1369.2	1350.1	1330.3
17.5°	1405.1	1328.8	1251.8	1204.5	1204.5	1191.5	1178.6	1155.7	1132.1	1113.0	1093.2
20°	1029.9	989.5	948.4	928.6	934.6	935.4	935.4	946.8	958.3	952.1	946.1
22.5°	852.3	837.8	823.3	814.9	818.0	818.7	819.5	830.2	840.1	847.7	854.6
25°	769.2	760.0	750.9	747.8	754.7	755.5	755.5	762.4	769.2	776.8	784.5
27.5°	704.4	700.6	696.8	691.5	698.3	698.3	697.5	705.2	712.1	718.9	725.0
30°	642.7	644.2	644.9	643.4	648.0	651.1	653.3	658.7	663.3	668.6	673.9
32.5°	599.2	596.9	594.6	593.1	603.0	608.4	613.7	619.0	623.6	625.9	628.1
35°	557.3	551.9	546.6	542.8	551.9	558.8	565.6	575.6	584.7	586.2	587.8
37.5°	529.0	522.2	515.3	510.8	514.6	517.7	520.6	531.4	542.1	548.1	553.4
40°	502.4	495.5	488.7	484.9	487.1	487.9	488.7	494.0	498.6	510.0	520.6
42.5°	481.1	472.7	464.3	459.7	461.2	462.8	463.5	462.8	462.0	472.7	483.3
45°	459.7	450.6	441.4	436.1	436.8	436.8	436.8	435.3	433.0	438.4	443.7
47.5°	443.0	432.2	421.6	416.2	414.7	413.2	411.7	410.9	409.4	413.2	416.2
50°	426.2	414.7	402.5	396.5	392.6	391.1	389.6	388.8	387.2	391.1	394.1
52.5°	413.2	399.4	385.8	375.9	372.1	369.7	367.5	368.2	368.2	369.7	370.5
55°	390.3	378.1	365.2	358.3	351.5	349.9	348.4	350.7	352.2	352.2	352.2
57.5°	365.2	353.7	341.5	336.9	330.9	330.9	330.1	333.1	335.5	336.9	338.5
60°	343.1	330.1	317.1	313.3	311.0	310.3	309.6	313.3	316.4	319.4	322.5
62.5°	322.5	308.7	295.0	290.5	289.7	290.5	290.5	294.3	297.3	300.3	303.4
65°	299.6	285.9	271.4	266.8	268.4	270.6	272.9	275.9	278.3	281.3	284.4
67.5°	274.0	263.0	250.8	246.2	247.0	250.0	253.1	255.4	256.9	260.0	263.0
70°	247.0	237.1	227.2	224.1	223.4	227.2	230.2	231.8	233.3	237.1	240.2
72.5°	217.2	208.9	200.5	198.2	199.0	201.2	203.5	205.9	207.4	211.2	214.3
75°	186.8	179.1	171.5	170.0	171.5	173.8	176.1	177.6	179.1	183.7	187.5
77.5°	157.1	148.7	139.5	138.7	141.0	143.4	144.9	147.1	149.4	155.5	161.6
80°	125.8	116.6	106.8	106.0	108.2	110.6	112.8	115.1	117.4	125.0	131.9
82.5°	92.2	81.6	70.9	69.4	77.0	79.3	81.6	85.4	88.4	95.3	102.2
85°	55.6	45.0	34.3	33.5	40.4	44.2	48.1	52.6	56.5	62.5	68.7
87.5°	6.1	3.1	0.0	0.0	0.7	3.8	6.9	10.7	14.4	20.6	25.9
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: P383171
 CATALOG NUMBER: GAN-SA5A-735-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: P383171

CATALOG NUMBER: GAN-SA5A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	4883.6	4849.3	4884.4	4918.7	4933.2	4947.6	4910.3	4872.2	4931.6	4990.3	5005.6
5°	4000.8	3969.6	3993.2	4016.1	3964.9	3913.9	3908.6	3902.4	3946.7	3990.9	3997.7
7.5°	3101.2	3091.3	3113.4	3135.6	3070.8	3005.2	2973.1	2941.2	2951.8	2962.5	2960.9
10°	2312.2	2318.3	2345.7	2372.5	2322.2	2271.8	2249.7	2227.6	2252.0	2275.6	2297.8
12.5°	1732.0	1745.0	1773.9	1802.2	1781.6	1760.3	1762.6	1764.8	1793.0	1820.5	1844.9
15°	1345.5	1360.8	1381.4	1401.2	1402.0	1402.0	1421.8	1440.8	1438.6	1436.3	1453.0
17.5°	1113.8	1133.6	1135.9	1138.2	1138.9	1139.7	1138.2	1136.7	1125.2	1113.8	1126.8
20°	953.7	960.5	966.7	972.0	965.2	957.5	938.4	919.4	911.8	904.2	916.4
22.5°	867.6	879.8	873.7	866.8	853.1	838.6	824.1	808.9	808.1	806.5	813.4
25°	795.2	805.0	794.3	783.7	773.7	763.9	754.0	744.0	743.3	742.5	745.6
27.5°	734.9	744.0	734.2	724.3	715.8	707.4	699.9	692.2	690.6	689.2	689.9
30°	683.1	691.5	683.1	673.9	667.8	660.9	655.6	650.3	649.6	648.7	648.7
32.5°	636.5	644.9	638.9	632.7	627.4	622.1	618.3	614.4	610.6	606.8	598.4
35°	596.2	604.6	600.8	596.2	590.0	584.0	577.1	569.5	559.6	548.9	544.3
37.5°	561.8	570.2	566.4	562.7	554.3	545.9	533.7	520.6	517.7	513.8	513.1
40°	534.4	547.4	539.7	531.4	518.4	505.5	499.3	493.3	491.7	490.2	488.7
42.5°	503.9	523.7	510.0	496.3	484.1	471.9	470.3	468.8	468.1	467.4	467.4
45°	465.8	487.1	473.4	459.0	452.1	445.2	445.2	445.2	445.9	445.9	447.5
47.5°	430.0	443.0	436.1	429.2	425.4	421.6	422.4	423.1	425.4	426.9	430.7
50°	399.4	404.0	405.6	406.3	404.0	401.8	403.3	404.0	406.3	407.8	410.9
52.5°	377.4	384.3	384.3	383.4	383.4	383.4	385.0	386.5	388.8	391.1	394.1
55°	362.8	372.8	369.7	366.7	367.5	367.5	369.0	370.5	372.8	374.3	378.9
57.5°	349.1	359.9	356.8	353.7	353.7	353.7	354.5	355.3	357.5	359.1	362.1
60°	333.1	343.8	340.8	336.9	337.7	338.5	339.3	339.3	340.8	341.5	341.5
62.5°	314.1	324.7	321.8	317.9	320.2	321.8	321.8	321.8	323.2	324.0	321.8
65°	294.3	304.2	301.2	298.1	301.2	303.4	304.9	305.7	304.9	304.2	301.9
67.5°	272.9	282.8	279.7	275.9	279.7	282.8	285.9	288.1	285.9	283.6	280.6
70°	250.0	260.0	256.2	252.4	256.2	260.0	263.0	266.0	263.0	260.0	259.2
72.5°	225.6	237.1	232.5	227.9	232.5	237.1	238.6	240.2	237.8	235.6	234.0
75°	199.0	210.4	206.6	202.1	205.9	209.7	210.4	211.2	211.2	210.4	205.9
77.5°	170.8	179.9	177.6	175.3	177.6	179.9	179.9	179.9	180.7	180.7	174.6
80°	137.2	142.5	143.4	144.1	144.9	145.6	144.9	144.1	142.5	141.0	137.2
82.5°	102.2	102.2	108.2	113.6	113.6	112.8	112.1	110.6	107.5	103.7	95.3
85°	64.8	61.0	70.9	80.0	80.0	79.3	77.8	75.5	69.4	62.5	55.6
87.5°	22.1	18.3	28.2	38.1	38.8	38.8	37.4	35.9	29.7	22.9	17.5
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: P383171
 CATALOG NUMBER: GAN-SA5A-735-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: P383171
 CATALOG NUMBER: GAN-SA5A-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	5028.5	5038.4	5047.5	5122.2	5196.2	5283.1	5370.0	5436.3	5501.9	5569.7	5637.5
5°	4021.4	4033.6	4045.8	4136.5	4226.4	4347.7	4468.9	4573.3	4677.8	4800.5	4923.2
7.5°	2980.8	3007.5	3033.4	3130.2	3226.2	3356.6	3486.2	3622.7	3758.4	3918.5	4078.6
10°	2341.2	2391.5	2441.0	2540.1	2639.3	2768.1	2896.2	3038.7	3181.3	3339.1	3496.1
12.5°	1895.2	1962.3	2028.6	2147.5	2266.5	2420.4	2573.7	2732.2	2890.0	3028.8	3167.5
15°	1497.3	1570.4	1642.9	1768.6	1894.4	2063.7	2232.2	2405.3	2577.5	2743.7	2909.9
17.5°	1167.9	1228.2	1287.6	1394.3	1500.4	1664.2	1828.2	2009.5	2191.0	2393.8	2595.8
20°	942.3	967.4	992.6	1069.6	1145.8	1279.2	1411.9	1597.1	1782.3	2024.8	2267.2
22.5°	825.6	838.6	850.8	888.1	924.7	1010.9	1096.2	1260.2	1423.3	1687.9	1951.6
25°	755.5	765.4	775.3	799.7	824.1	865.2	906.4	1021.5	1136.7	1396.7	1655.8
27.5°	692.2	707.4	721.9	733.4	744.0	772.3	799.7	875.2	950.6	1193.0	1434.8
30°	646.5	651.8	657.1	674.7	691.5	720.5	749.4	802.0	854.6	1059.6	1264.0
32.5°	593.1	600.8	608.4	626.7	644.9	671.6	698.3	741.0	783.0	958.3	1132.9
35°	545.0	552.7	560.3	578.6	596.2	625.2	653.3	689.2	724.3	876.7	1029.2
37.5°	515.3	523.0	530.6	546.6	561.8	590.8	619.0	647.2	674.7	815.8	956.8
40°	490.2	497.8	505.5	520.6	535.2	563.4	590.8	614.4	638.1	770.0	901.8
42.5°	468.1	476.5	484.9	500.1	514.6	539.7	564.9	596.2	626.7	730.3	833.3
45°	449.8	458.1	465.8	482.5	499.3	523.7	548.1	591.6	635.0	709.7	784.5
47.5°	433.0	442.2	450.6	468.8	487.1	517.7	547.4	584.0	619.8	693.7	767.7
50°	417.0	427.7	438.4	460.5	481.8	532.8	583.2	588.6	593.1	680.8	767.7
52.5°	401.8	414.0	426.2	453.6	480.3	539.7	599.2	580.2	560.3	656.4	752.4
55°	386.5	397.2	407.1	440.6	474.2	517.7	561.1	535.9	510.0	610.6	711.2
57.5°	365.9	377.4	388.1	423.9	459.7	490.2	519.9	497.1	473.4	558.8	643.4
60°	344.6	357.5	370.5	416.2	461.2	455.9	449.8	445.2	439.9	500.9	561.8
62.5°	325.5	339.3	353.0	412.4	471.9	435.3	398.7	402.5	405.6	450.6	495.5
65°	306.5	320.2	333.1	362.8	392.6	378.1	363.7	369.7	375.0	419.3	463.5
67.5°	285.1	297.3	308.7	318.7	328.6	330.1	331.6	337.7	343.8	396.5	448.3
70°	261.5	271.4	281.3	288.1	294.3	297.3	299.6	307.2	314.9	372.1	429.2
72.5°	234.8	243.2	250.8	256.9	263.0	265.3	266.8	274.4	282.1	343.1	404.0
75°	205.9	212.7	218.8	224.1	229.4	232.5	235.6	240.9	246.2	312.5	378.1
77.5°	173.8	180.7	186.8	191.3	195.2	198.2	200.5	207.4	214.3	269.9	324.7
80°	135.7	144.1	151.7	155.5	158.5	159.3	159.3	165.4	171.5	211.2	250.0
82.5°	96.0	105.2	113.6	116.6	119.7	119.7	119.7	126.5	133.4	160.1	186.0
85°	56.5	66.3	75.5	78.5	81.6	83.1	83.8	86.9	89.1	108.2	126.5
87.5°	17.5	25.9	33.5	35.0	36.6	39.7	42.7	43.4	43.4	56.5	69.4
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: P383171
 CATALOG NUMBER: GAN-SA5A-735-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°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	5715.3	5793.1	5883.8	5973.7	6050.8	6127.8	6191.8
5°	5079.5	5235.9	5427.2	5617.8	5787.8	5957.8	6155.2
7.5°	4280.6	4482.6	4730.4	4978.2	5218.3	5457.7	5761.1
10°	3702.0	3907.0	4169.3	4430.8	4700.7	4969.8	5312.8
12.5°	3334.5	3500.8	3754.6	4008.4	4325.5	4642.0	4972.0
15°	3092.1	3273.6	3520.5	3767.6	4114.4	4461.3	4840.9
17.5°	2833.7	3070.8	3387.1	3703.5	4114.4	4524.5	4972.0
20°	2563.1	2858.1	3268.2	3678.3	4231.8	4784.5	5355.5
22.5°	2293.2	2634.7	3160.7	3685.9	4409.5	5132.2	5902.8
25°	2050.0	2444.1	3095.2	3745.5	4667.9	5589.6	6545.5
27.5°	1865.5	2295.4	3068.4	3840.7	4995.7	6150.6	7244.6
30°	1701.6	2139.1	3036.5	3933.7	5311.3	6688.1	7791.2
32.5°	1559.8	1986.7	2974.7	3962.0	5531.6	7101.3	8254.0
35°	1448.5	1867.8	2871.0	3874.3	5669.6	7465.0	8735.8
37.5°	1352.4	1748.0	2752.8	3757.6	5792.4	7827.0	9277.8
40°	1260.9	1620.0	2651.5	3682.1	5961.6	8241.0	9850.4
42.5°	1174.0	1514.8	2569.9	3624.9	6118.6	8611.5	10351.2
45°	1109.2	1434.0	2497.5	3560.2	6220.0	8879.9	10728.5
47.5°	1077.2	1386.0	2458.5	3530.5	6321.4	9111.7	11041.9
50°	1072.6	1377.6	2502.8	3628.0	6541.0	9453.2	11400.2
52.5°	1071.8	1391.3	2630.1	3868.9	6948.8	10027.9	11788.2
55°	1055.8	1399.7	2781.8	4163.2	7496.2	10828.4	12485.8
57.5°	1007.1	1370.7	2938.1	4504.7	8074.8	11644.2	13271.8
60°	931.5	1300.5	3066.9	4832.5	8463.6	12093.9	13574.4
62.5°	837.1	1177.8	3109.6	5040.7	8453.0	11865.2	13269.4
65°	756.2	1049.0	2969.3	4888.9	8025.3	11160.8	12666.4
67.5°	684.6	920.2	2618.7	4316.4	7256.0	10195.0	11899.5
70°	632.7	835.5	2166.6	3497.7	6293.2	9088.0	11011.4
72.5°	600.0	795.2	1766.4	2736.8	5107.0	7476.4	9418.9
75°	555.0	731.8	1386.0	2039.3	3908.6	5777.8	7114.2
77.5°	471.2	616.8	1044.5	1472.1	2868.0	4263.0	4947.6
80°	363.7	476.5	718.1	959.8	1973.8	2987.7	3373.4
82.5°	259.2	332.4	435.3	538.2	1311.2	2083.5	2115.5
85°	160.1	193.7	249.3	304.9	867.6	1430.2	1191.5
87.5°	86.2	102.9	131.9	160.1	277.5	394.9	227.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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)