

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: P383703

Luminaire Tested: **GAN-SA9D-735-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383703
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-SA9D-735-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3500K, 1200mA 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: 56786.2 lumens
Efficiency: N/A
Efficacy: 98.8 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B4 - U0 - G5

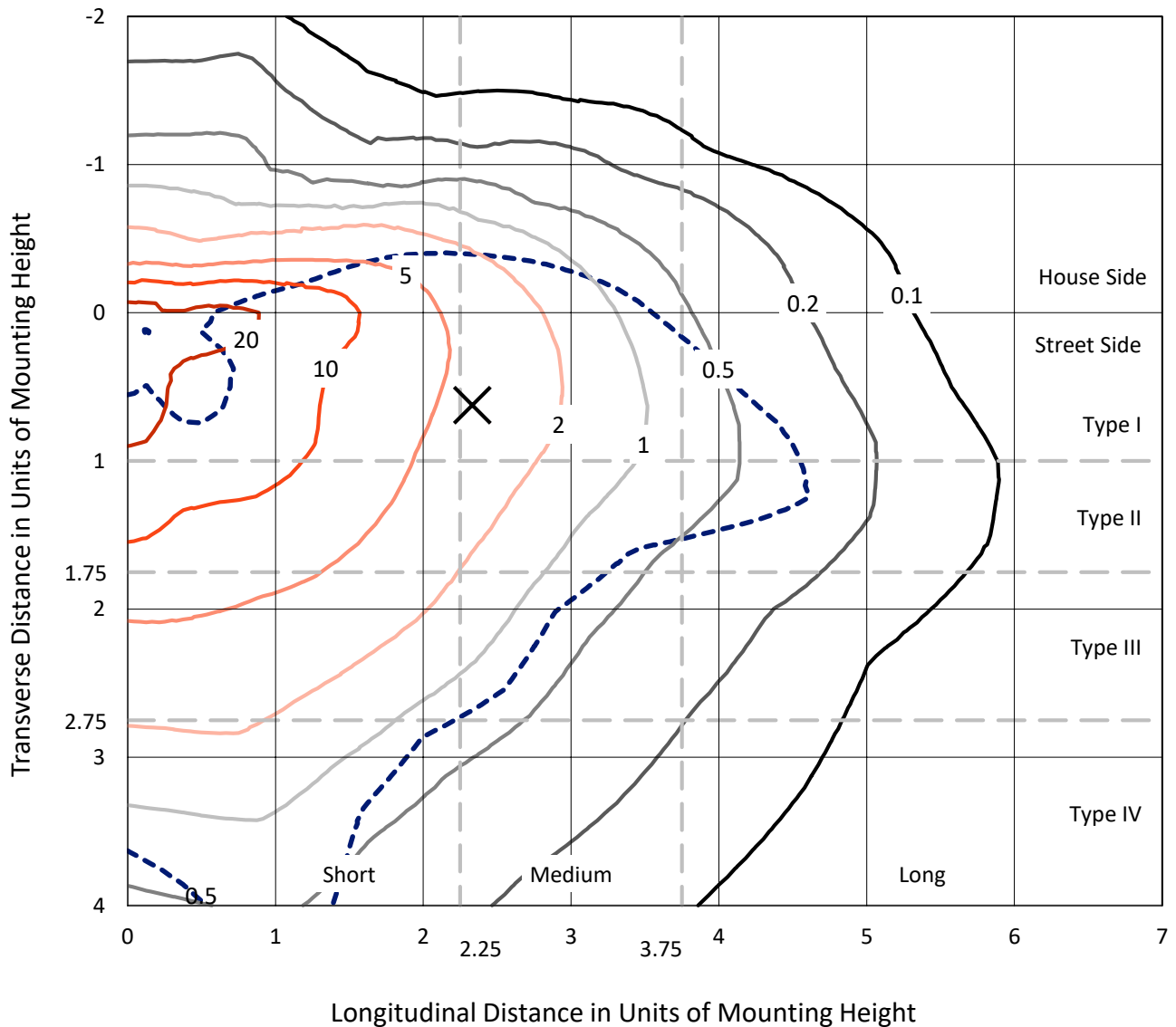
Input Watts (W): 575
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

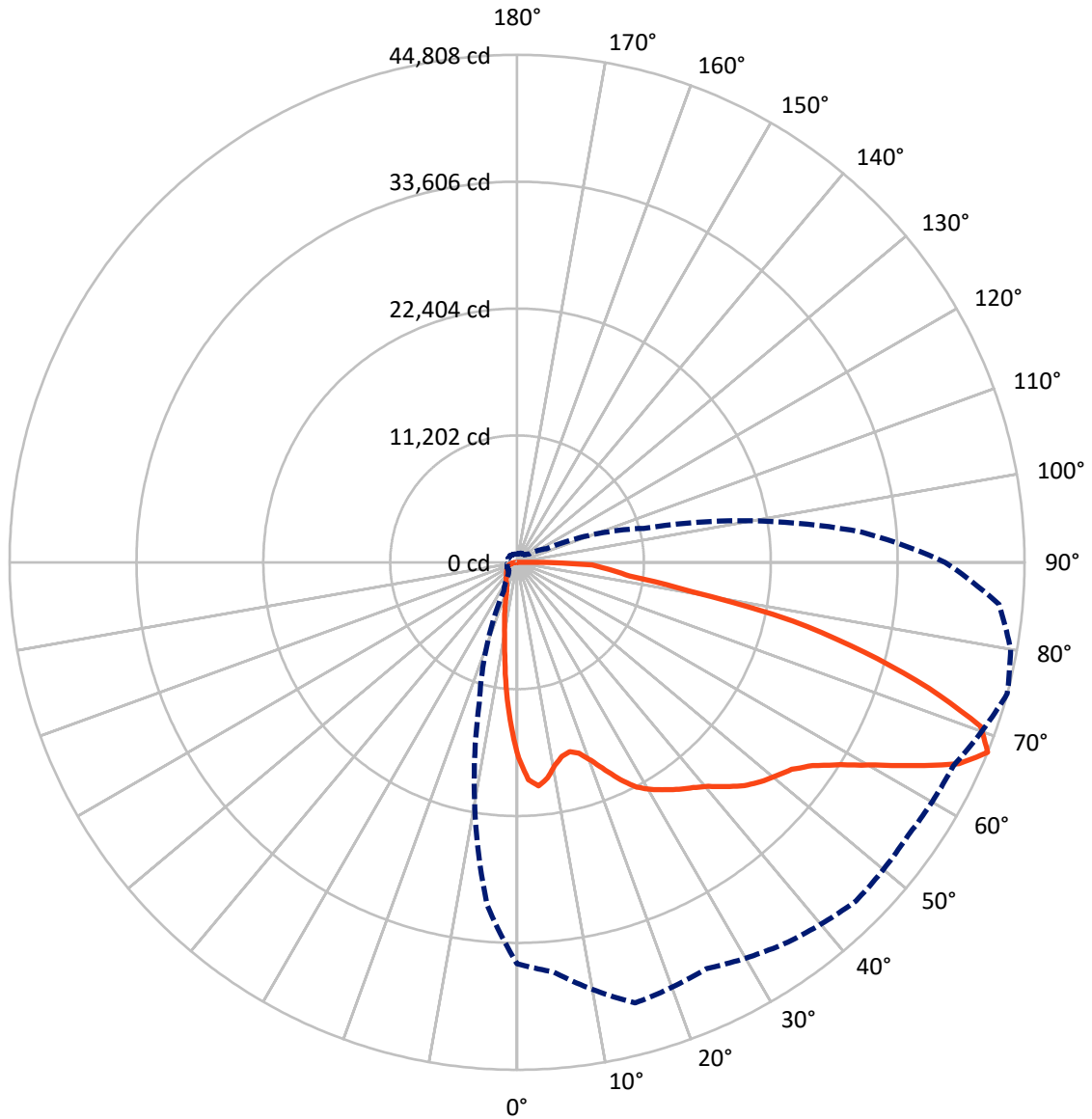
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 34.8 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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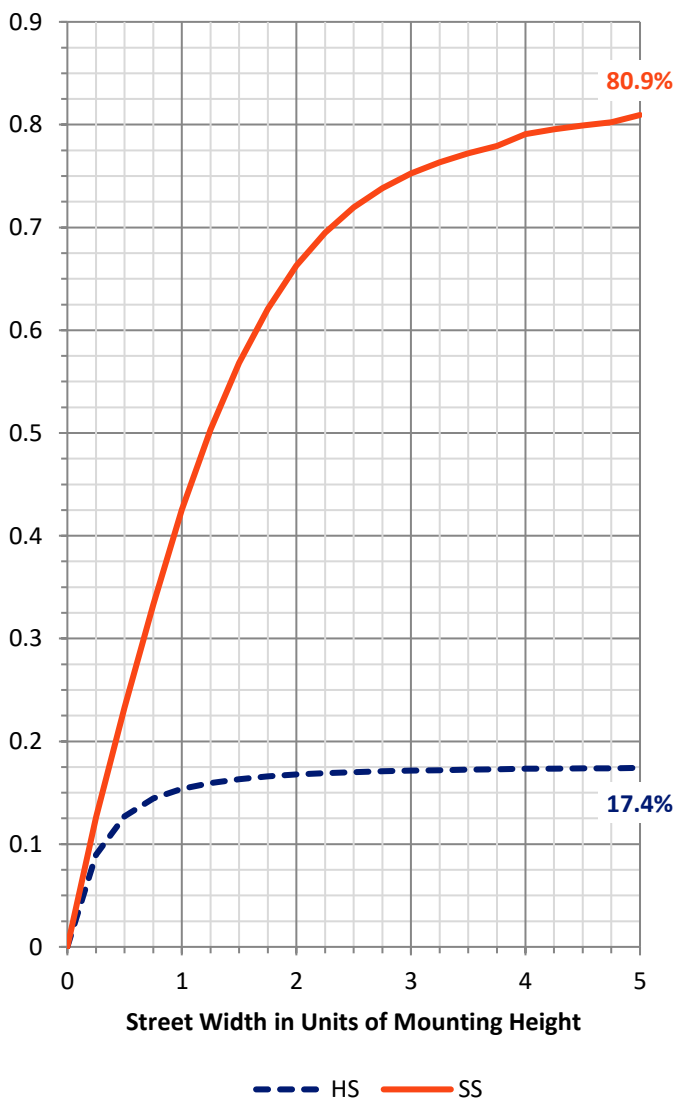
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10001.4	0.0	10001.4
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	46784.8	0.0	46784.8
	% Fixture	82.4	0.0	82.4
Total	Lumens	56786.2	0.0	56786.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1335.2	2.4
10°-20°	2773.7	4.9
20°-30°	3944.8	6.9
30°-40°	5684.5	10.0
40°-50°	8011.1	14.1
50°-60°	11136.7	19.6
60°-70°	13467.6	23.7
70°-80°	8278.4	14.6
80°-90°	2154.2	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°	56786.2	100.0
0°-180°	56786.2	100.0

Coefficient of Utilization

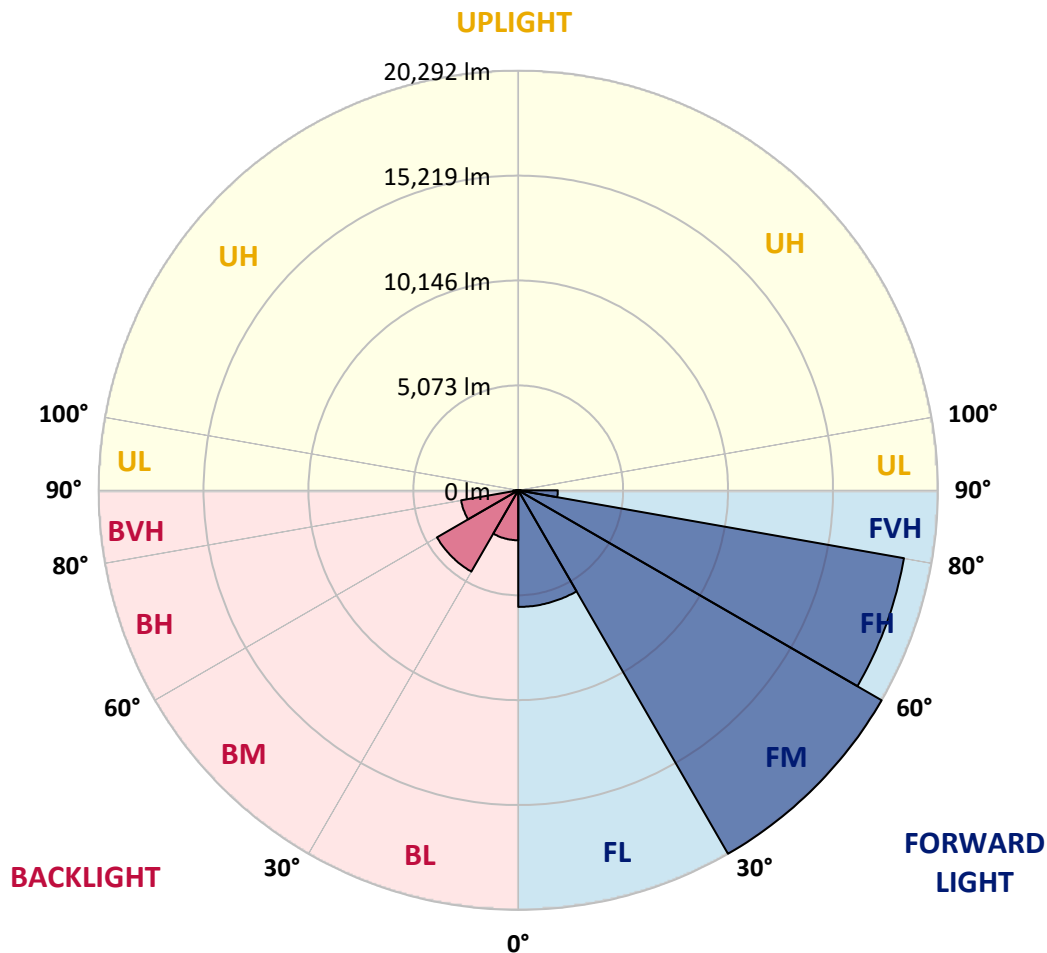


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5638.3	9.9			
FM (30°-60°)	20292.4	35.7			
FH (60°-80°)	18942.0	33.4			G5
FVH (80°-90°)	1912.1	3.4			G5
BL (0°-30°)	2415.5	4.3	B3/2500		
BM (30°-60°)	4539.9	8.0	B3/5000		
BH (60°-80°)	2804.0	4.9	B4/5000		G4/5000
BVH (80°-90°)	242.0	0.4			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
 Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1
2.5°	18439.9	18682.8	18850.9	19016.6	19146.0	19273.2	19459.3	19645.5	19681.8	19715.8	19643.2
5°	18330.9	18923.5	19427.5	19929.2	20394.7	20860.1	21139.3	21418.6	21475.4	21532.2	21357.3
7.5°	17157.2	18031.2	18905.3	19779.5	20580.9	21382.3	21870.4	22356.3	22467.5	22576.5	22290.4
10°	15822.1	16839.3	17913.2	18987.1	20042.8	21098.5	21804.5	22510.7	22651.4	22792.2	22435.8
12.5°	14807.3	15917.5	17064.1	18210.6	19325.3	20437.9	21168.9	21899.9	22074.8	22249.5	21990.8
15°	14416.8	15633.7	16712.2	17790.6	18762.3	19731.8	20331.1	20928.2	21000.9	21071.2	21030.4
17.5°	14807.3	16149.1	17125.4	18099.3	18628.3	19155.0	19395.8	19634.1	19713.6	19790.8	19895.2
20°	15949.3	17397.8	18085.7	18771.3	18748.7	18723.7	18607.9	18489.8	18469.4	18449.0	18744.1
22.5°	17579.4	19261.8	19536.5	19808.9	19171.0	18533.0	18144.8	17754.3	17677.0	17597.6	17911.0
25°	19493.4	21284.7	21234.7	21182.6	19967.9	18750.9	18010.8	17270.7	17184.4	17098.1	17366.0
27.5°	21575.3	23287.1	22960.2	22633.3	20982.7	19332.1	18258.2	17184.4	17098.1	17011.8	17248.0
30°	23203.2	24756.1	24231.6	23707.1	21838.6	19970.1	18694.2	17418.3	17277.5	17134.4	17425.1
32.5°	24581.2	25902.6	25198.8	24495.0	22533.4	20571.7	19191.4	17811.0	17590.8	17370.6	17758.8
35°	26016.1	27046.8	26057.0	25064.9	23153.1	21239.3	19779.5	18317.3	18047.2	17777.0	18310.5
37.5°	27630.4	28486.3	27065.0	25641.5	23850.2	22058.9	20660.3	19259.5	18982.5	18705.6	19386.6
40°	29335.4	30048.3	28152.5	26256.8	24613.1	22969.3	21879.5	20787.5	20524.1	20258.5	21084.9
42.5°	30827.1	31346.9	29165.1	26983.3	25532.5	24079.5	23312.1	22542.4	22540.2	22535.6	23373.4
45°	31950.9	32402.7	30009.7	27614.4	26429.3	25242.0	24842.3	24442.8	24762.9	25083.0	25841.3
47.5°	32884.0	33190.5	30718.1	28243.3	27455.5	26667.7	26726.8	26785.8	27437.3	28089.0	28577.1
50°	33951.1	33703.6	31360.5	29015.3	28772.3	28529.4	29060.7	29589.7	30338.9	31085.8	31417.3
52.5°	35106.7	34450.5	32232.4	30011.9	30284.4	30556.8	31637.5	32718.3	33474.2	34230.3	34355.2
55°	37184.0	36178.2	33835.3	31489.9	32014.4	32536.6	34123.6	35708.3	36298.6	36888.9	36934.3
57.5°	39524.8	38632.6	36080.6	33528.7	34091.8	34654.9	36487.0	38317.0	38954.9	39590.7	39502.1
60°	40426.1	40469.2	38212.5	35953.5	36521.1	37088.7	38873.2	40657.7	41391.0	42122.1	41926.8
62.5°	39518.0	40582.8	39377.3	38169.4	38684.7	39197.8	40946.1	42694.2	43445.7	44197.2	43856.6
65°	37722.1	38777.8	39318.2	39858.5	40028.8	40199.1	41831.5	43461.6	44038.3	44612.7	44440.1
67.5°	35438.1	36291.8	38285.2	40276.3	39933.5	39590.7	40355.8	41120.8	41713.4	42306.0	42208.3
70°	32793.2	33810.2	36468.9	39127.5	37442.9	35756.0	35440.4	35124.8	35765.1	36403.0	36008.0
72.5°	28050.4	29585.1	32420.8	35254.2	32150.7	29047.1	27968.6	26890.2	27700.7	28511.2	27882.3
75°	21187.0	23223.6	26356.6	29487.5	25784.6	22081.6	20642.2	19202.7	19899.7	20596.8	20165.4
77.5°	14734.7	17288.9	20374.3	23459.7	19695.4	15928.9	14859.6	13787.9	13996.8	14203.4	14130.7
80°	10046.4	11726.4	13878.8	16028.8	13522.3	11015.8	11099.9	11181.6	11083.9	10984.1	11129.3
82.5°	6300.2	7483.1	9145.0	10804.6	9474.2	8143.8	8906.6	9669.5	9294.9	8918.0	9058.7
85°	3548.5	4270.6	5896.1	7519.5	7008.6	6495.5	6942.7	7387.7	6806.5	6225.3	6481.9
87.5°	676.6	1126.1	3262.6	5396.6	4899.5	4402.2	3825.6	3248.9	2479.2	1709.6	2497.4
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



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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°	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1
2.5°	19570.5	19531.9	19493.4	19354.9	19214.1	19005.2	18832.7	18533.0	18369.6	18122.0	17874.6
5°	21180.2	20935.0	20689.9	20267.6	19843.0	19370.8	18828.2	18226.5	17772.4	17182.1	16591.8
7.5°	22004.4	21432.2	20857.8	20047.4	19234.5	18503.5	17645.3	16846.1	16165.0	15397.6	14630.2
10°	22079.3	21221.1	20360.6	19307.2	18251.4	17363.8	16376.1	15488.5	14671.1	13790.2	12907.1
12.5°	21729.7	20817.0	19902.0	18741.9	17579.4	16571.4	15508.9	14514.4	13608.6	12639.1	11667.4
15°	20989.5	20260.8	19529.7	18442.2	17354.6	16337.6	15306.8	14128.5	13104.5	12112.4	11118.0
17.5°	19997.3	19652.3	19304.9	18519.4	17731.5	16850.7	15851.7	14469.1	13270.3	12191.9	11113.5
20°	19037.0	19164.2	19289.0	18975.7	18662.4	17956.3	17084.5	15531.6	14001.3	12591.4	11179.3
22.5°	18221.9	18832.7	19441.1	19684.1	19924.7	19500.2	18819.0	17023.2	14998.0	13156.8	11315.5
25°	17631.7	18644.3	19656.9	20465.1	21271.1	21082.6	20558.1	18835.0	16319.4	13971.8	11622.0
27.5°	17484.1	18726.0	19967.9	21221.1	22472.1	22646.9	22501.6	20744.4	17895.0	14984.4	12071.6
30°	17715.7	18973.5	20228.9	21754.6	23278.1	23975.1	24170.3	22335.8	19695.4	16165.0	12632.3
32.5°	18147.0	19379.8	20612.6	22274.5	23934.2	24987.6	25609.7	23791.2	20951.0	17055.0	13156.8
35°	18844.0	19997.3	21150.7	22880.8	24610.7	25972.9	27108.1	25294.1	22065.7	17677.0	13286.2
37.5°	20065.5	21057.6	22049.8	23648.1	25244.2	27010.5	28715.6	26949.2	23271.3	18276.4	13279.4
40°	21911.3	22612.9	23312.1	24663.0	26011.6	28234.3	30536.4	28795.1	24603.9	18925.8	13247.5
42.5°	24211.2	24572.2	24930.9	26000.2	27069.6	29512.5	32189.3	30599.9	25875.3	19529.7	13184.0
45°	26597.4	26692.7	26788.0	27462.3	28134.4	30525.0	33315.3	31955.4	26985.5	20054.2	13120.5
47.5°	29063.0	28736.0	28409.1	28676.9	28944.9	31301.5	34119.0	32983.9	28100.3	20635.4	13168.1
50°	31748.8	30838.4	29927.9	29787.2	29646.4	32078.0	35065.8	34291.6	29439.8	21482.2	13524.6
52.5°	34477.8	32977.1	31476.3	30920.1	30361.6	33004.3	36321.3	35919.5	31351.5	22794.5	14235.2
55°	36979.7	35070.3	33161.0	32411.7	31662.6	34421.1	37853.8	38310.2	33801.2	24472.3	15141.1
57.5°	39411.3	37247.7	35083.9	34389.2	33694.4	36503.0	39795.0	40455.6	36275.9	26081.9	15885.8
60°	41731.6	39590.7	37447.4	36891.1	36332.7	39091.2	41892.8	41411.5	37551.8	26835.7	16117.4
62.5°	43516.1	41813.4	40110.6	39817.7	39522.5	41708.9	43504.8	41039.1	36741.4	26093.3	15445.3
65°	44267.6	43298.1	42326.4	42601.2	42873.5	43688.7	43906.6	39949.3	34193.9	24013.6	13833.3
67.5°	42108.5	42306.0	42503.5	43656.9	44807.9	44247.1	42712.4	37801.5	30568.2	21066.8	11565.3
70°	35610.6	36795.9	37978.6	40707.7	43434.3	42190.2	39513.5	33946.5	26204.5	17672.5	9138.2
72.5°	27251.2	28583.9	29914.3	33964.7	38012.7	36866.2	33587.8	27882.3	21009.9	14112.6	7213.0
75°	19731.8	21237.0	22740.0	27208.1	31676.2	30084.6	25123.8	19963.3	15958.4	10772.9	5585.1
77.5°	14055.8	15063.9	16071.9	20485.5	24896.8	22304.0	16723.5	13433.8	11045.4	7487.7	3927.8
80°	11274.6	10965.9	10657.1	13115.9	15574.7	15143.3	11061.2	8627.4	7644.3	5017.5	2390.7
82.5°	9197.3	8443.5	7689.7	8847.7	10005.5	9941.9	7676.1	6329.8	5689.5	3487.2	1285.1
85°	6736.2	6434.2	6132.3	7156.1	8180.1	7306.0	5199.2	4023.1	4436.3	2567.8	699.3
87.5°	3285.2	3752.9	4218.3	5426.2	6631.8	4978.9	1577.9	781.0	1080.7	710.6	338.2
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: P383703
 CATALOG NUMBER: GAN-SA9D-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: P383703

CATALOG NUMBER: GAN-SA9D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1
2.5°	17690.6	17504.5	17293.3	17082.3	16841.5	16598.7	16455.6	16310.3	16153.7	15997.0	15819.9
5°	16201.3	15810.8	15368.1	14925.3	14487.2	14049.0	13812.9	13576.7	13327.0	13075.0	12857.0
7.5°	14062.6	13492.8	12879.8	12264.5	11719.6	11172.4	10834.2	10493.6	10184.9	9873.8	9612.7
10°	12180.5	11454.0	10838.7	10221.2	9810.2	9399.3	9088.3	8777.2	8477.5	8175.5	7887.2
12.5°	10940.9	10214.4	9823.9	9433.4	9092.8	8752.3	8393.5	8032.5	7621.6	7208.4	6906.5
15°	10457.3	9796.6	9363.0	8927.1	8470.7	8012.1	7571.7	7131.2	6645.4	6159.5	5816.7
17.5°	10248.4	9383.4	8777.2	8168.7	7567.1	6965.5	6454.7	5943.8	5412.6	4881.3	4533.9
20°	10028.2	8877.1	8064.3	7249.3	6477.3	5705.4	5126.5	4547.5	4073.0	3598.6	3332.9
22.5°	9828.4	8339.0	7319.6	6298.0	5385.3	4472.6	3905.0	3335.1	3044.6	2753.9	2647.3
25°	9746.7	7869.1	6615.9	5362.6	4400.0	3435.1	3031.0	2626.8	2515.6	2402.1	2347.6
27.5°	9760.3	7449.0	6023.3	4595.2	3728.0	2860.7	2583.6	2306.7	2238.6	2168.2	2134.2
30°	9812.5	6992.8	5464.7	3936.8	3221.7	2506.5	2327.1	2145.5	2072.9	2000.2	1957.1
32.5°	9871.5	6584.1	5033.4	3480.4	2897.0	2311.3	2163.6	2013.8	1943.4	1873.1	1829.9
35°	9769.4	6250.3	4738.2	3226.2	2688.1	2147.8	2022.9	1895.8	1818.6	1741.3	1700.5
37.5°	9596.8	5914.3	4509.0	3101.3	2551.9	2000.2	1909.4	1816.3	1736.9	1655.1	1616.5
40°	9440.2	5630.5	4338.7	3044.6	2477.0	1907.1	1829.9	1752.7	1671.0	1587.0	1541.6
42.5°	9313.1	5439.8	4170.6	2901.5	2408.9	1914.0	1805.0	1693.6	1614.2	1534.7	1484.8
45°	9217.7	5314.9	4039.0	2763.1	2345.3	1927.6	1789.0	1650.5	1571.1	1489.4	1430.3
47.5°	9208.6	5249.1	3945.8	2642.7	2225.0	1805.0	1748.1	1691.4	1575.6	1457.6	1389.5
50°	9333.5	5142.4	3837.0	2529.2	2109.2	1689.2	1766.3	1841.3	1643.7	1444.0	1357.6
52.5°	9594.6	4954.0	3664.3	2374.8	1968.5	1559.8	1680.0	1798.2	1627.9	1455.3	1344.0
55°	9910.2	4676.9	3403.3	2127.4	1782.2	1434.9	1541.6	1646.0	1539.3	1430.3	1296.3
57.5°	10107.7	4327.3	3074.1	1820.8	1573.4	1325.9	1387.2	1446.2	1403.1	1360.0	1223.7
60°	9989.6	3861.9	2704.0	1543.9	1389.5	1235.0	1223.7	1210.1	1273.7	1337.2	1180.6
62.5°	9412.9	3380.6	2377.0	1373.6	1257.8	1139.7	1114.8	1087.5	1191.9	1294.1	1128.4
65°	8439.0	3044.6	2170.5	1296.3	1166.9	1037.6	1010.4	983.1	1014.8	1046.6	969.5
67.5°	7201.6	2838.0	2052.4	1266.9	1110.2	951.3	919.5	887.7	880.9	874.1	846.9
70°	5925.7	2710.8	1975.3	1239.6	1048.9	855.9	826.4	796.9	787.8	776.4	756.0
72.5°	4954.0	2695.0	1966.1	1237.4	999.0	760.6	733.3	706.1	694.7	681.1	665.2
75°	4057.2	2529.2	1866.3	1203.3	930.9	656.2	631.1	606.2	597.1	585.8	572.2
77.5°	3010.5	2093.3	1568.8	1044.4	796.9	549.4	524.5	497.2	494.9	490.4	479.0
80°	1952.5	1514.3	1121.6	728.7	581.2	431.4	410.9	388.3	390.5	392.7	383.7
82.5°	1085.3	883.2	685.6	488.1	397.3	306.5	297.4	286.1	292.9	297.4	286.1
85°	572.2	445.0	367.8	290.6	229.3	168.1	168.1	165.7	174.9	183.9	174.9
87.5°	247.5	156.7	134.0	109.0	61.3	11.4	13.6	13.6	18.2	22.7	20.4
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: P383703
 CATALOG NUMBER: GAN-SA9D-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: P383703
 CATALOG NUMBER: GAN-SA9D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1
2.5°	15640.6	15474.8	15306.8	15122.9	15156.9	15016.2	14875.4	14786.9	14698.3	14671.1	14643.8
5°	12639.1	12450.7	12260.0	12089.7	12237.3	12137.4	12037.5	12023.9	12007.9	12007.9	12005.7
7.5°	9351.6	9149.6	8945.3	8804.5	8949.8	8931.6	8913.4	9011.0	9108.7	9188.1	9265.4
10°	7598.9	7353.7	7106.2	6897.4	6861.0	6756.6	6649.9	6672.6	6693.1	6779.3	6865.6
12.5°	6604.5	6311.6	6018.7	5773.5	5662.3	5489.7	5314.9	5206.0	5097.0	5108.3	5117.4
15°	5471.5	5187.8	4901.7	4690.6	4620.2	4486.2	4352.3	4216.1	4077.6	4020.8	3961.8
17.5°	4184.3	3957.2	3728.0	3587.2	3587.2	3548.5	3510.0	3441.9	3371.5	3314.7	3255.7
20°	3067.3	2947.0	2824.4	2765.3	2783.5	2785.7	2785.7	2819.8	2853.9	2835.7	2817.6
22.5°	2538.3	2495.2	2452.0	2427.1	2436.1	2438.4	2440.7	2472.4	2502.0	2524.7	2545.1
25°	2290.8	2263.6	2236.3	2227.2	2247.6	2250.0	2250.0	2270.4	2290.8	2313.5	2336.2
27.5°	2097.8	2086.5	2075.1	2059.2	2079.7	2079.7	2077.4	2100.1	2120.5	2141.0	2159.1
30°	1914.0	1918.4	1920.8	1916.2	1929.8	1938.9	1945.7	1961.6	1975.3	1991.1	2007.0
32.5°	1784.5	1777.7	1770.9	1766.3	1795.8	1811.8	1827.6	1843.5	1857.1	1863.9	1870.8
35°	1659.6	1643.7	1627.9	1616.5	1643.7	1664.2	1684.6	1714.1	1741.3	1745.9	1750.5
37.5°	1575.6	1555.2	1534.7	1521.1	1532.5	1541.6	1550.7	1582.4	1614.2	1632.4	1648.3
40°	1496.2	1475.8	1455.3	1444.0	1450.8	1453.0	1455.3	1471.2	1484.8	1518.9	1550.7
42.5°	1432.6	1407.7	1382.7	1369.0	1373.6	1378.1	1380.4	1378.1	1375.8	1407.7	1439.4
45°	1369.0	1341.8	1314.5	1298.7	1300.9	1300.9	1300.9	1296.3	1289.5	1305.5	1321.3
47.5°	1319.1	1287.3	1255.5	1239.6	1235.0	1230.6	1226.0	1223.7	1219.2	1230.6	1239.6
50°	1269.1	1235.0	1198.7	1180.6	1169.3	1164.7	1160.1	1157.9	1153.3	1164.7	1173.7
52.5°	1230.6	1189.7	1148.8	1119.3	1108.0	1101.1	1094.3	1096.6	1096.6	1101.1	1103.4
55°	1162.4	1126.1	1087.5	1067.1	1046.6	1042.1	1037.6	1044.4	1048.9	1048.9	1048.9
57.5°	1087.5	1053.5	1017.2	1003.5	985.3	985.3	983.1	992.2	999.0	1003.5	1008.0
60°	1021.6	983.1	944.5	933.1	926.3	924.0	921.8	933.1	942.2	951.3	960.3
62.5°	960.3	919.5	878.6	865.0	862.7	865.0	865.0	876.4	885.4	894.6	903.6
65°	892.2	851.3	808.2	794.6	799.2	806.0	812.8	821.9	828.7	837.7	846.9
67.5°	817.3	783.2	746.9	733.3	735.6	744.7	753.7	760.6	765.1	774.2	783.2
70°	735.6	706.1	676.6	667.5	665.2	676.6	685.6	690.2	694.7	706.1	715.1
72.5°	647.1	622.1	597.1	590.3	592.6	599.4	606.2	613.0	617.5	628.9	638.0
75°	556.2	533.5	510.9	506.3	510.9	517.7	524.5	529.0	533.5	547.2	558.6
77.5°	467.7	442.8	415.5	413.2	420.0	426.8	431.4	438.2	445.0	463.2	481.3
80°	374.6	347.4	317.8	315.6	322.4	329.2	336.0	342.8	349.6	372.3	392.7
82.5°	274.7	242.9	211.2	206.6	229.3	236.1	242.9	254.3	263.3	283.7	304.2
85°	165.7	134.0	102.2	99.9	120.4	131.7	143.0	156.7	168.1	186.2	204.3
87.5°	18.2	9.0	0.0	0.0	2.2	11.4	20.4	31.8	43.1	61.3	77.2
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: P383703
 CATALOG NUMBER: GAN-SA9D-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: P383703

CATALOG NUMBER: GAN-SA9D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1
2.5°	14544.0	14441.8	14546.2	14648.4	14691.5	14734.7	14623.4	14509.9	14687.0	14861.8	14907.2
5°	11914.9	11821.8	11892.1	11960.3	11808.2	11656.1	11640.2	11622.0	11753.7	11885.3	11905.8
7.5°	9235.8	9206.3	9272.2	9338.0	9145.0	8949.8	8854.5	8759.1	8790.8	8822.6	8818.1
10°	6886.0	6904.2	6986.0	7065.4	6915.5	6765.6	6699.9	6634.0	6706.7	6777.0	6842.9
12.5°	5158.3	5196.8	5283.2	5367.1	5305.8	5242.3	5249.1	5255.9	5339.9	5421.6	5494.3
15°	4007.2	4052.6	4113.9	4173.0	4175.2	4175.2	4234.3	4291.0	4284.2	4277.4	4327.3
17.5°	3317.0	3376.0	3382.8	3389.6	3392.0	3394.2	3389.6	3385.2	3351.1	3317.0	3355.6
20°	2840.2	2860.7	2878.9	2894.7	2874.3	2851.6	2794.8	2738.1	2715.4	2692.6	2729.0
22.5°	2583.6	2620.0	2601.8	2581.4	2540.5	2497.4	2454.3	2408.9	2406.6	2402.1	2422.5
25°	2368.0	2397.5	2365.8	2333.9	2304.5	2274.9	2245.4	2215.9	2213.6	2211.3	2220.4
27.5°	2188.7	2215.9	2186.3	2156.8	2131.8	2106.9	2084.2	2061.5	2057.0	2052.4	2054.7
30°	2034.2	2059.2	2034.2	2007.0	1988.9	1968.5	1952.5	1936.6	1934.4	1932.1	1932.1
32.5°	1895.8	1920.8	1902.6	1884.4	1868.5	1852.7	1841.3	1829.9	1818.6	1807.2	1782.2
35°	1775.4	1800.4	1789.0	1775.4	1757.3	1739.1	1718.7	1696.0	1666.4	1634.7	1621.1
37.5°	1673.2	1698.2	1686.8	1675.6	1650.5	1625.6	1589.2	1550.7	1541.6	1530.3	1527.9
40°	1591.5	1630.1	1607.4	1582.4	1543.9	1505.3	1487.1	1469.0	1464.4	1459.8	1455.3
42.5°	1500.7	1559.8	1518.9	1478.0	1441.7	1405.3	1400.9	1396.3	1394.0	1391.7	1391.7
45°	1387.2	1450.8	1409.9	1366.8	1346.4	1325.9	1325.9	1325.9	1328.2	1328.2	1332.7
47.5°	1280.5	1319.1	1298.7	1278.2	1266.9	1255.5	1257.8	1260.0	1266.9	1271.4	1282.7
50°	1189.7	1203.3	1207.8	1210.1	1203.3	1196.5	1201.0	1203.3	1210.1	1214.6	1223.7
52.5°	1123.8	1144.2	1144.2	1142.0	1142.0	1142.0	1146.5	1151.1	1157.9	1164.7	1173.7
55°	1080.7	1110.2	1101.1	1092.1	1094.3	1094.3	1098.9	1103.4	1110.2	1114.8	1128.4
57.5°	1039.8	1071.7	1062.5	1053.5	1053.5	1053.5	1055.7	1058.0	1064.8	1069.3	1078.5
60°	992.2	1024.0	1014.8	1003.5	1005.8	1008.0	1010.4	1010.4	1014.8	1017.2	1017.2
62.5°	935.4	967.1	958.1	946.7	953.5	958.1	958.1	958.1	962.7	964.9	958.1
65°	876.4	905.8	896.8	887.7	896.8	903.6	908.2	910.4	908.2	905.8	899.0
67.5°	812.8	842.3	833.3	821.9	833.3	842.3	851.3	858.2	851.3	844.5	835.5
70°	744.7	774.2	762.8	751.5	762.8	774.2	783.2	792.4	783.2	774.2	771.9
72.5°	672.0	706.1	692.4	678.8	692.4	706.1	710.6	715.1	708.3	701.5	697.0
75°	592.6	626.7	615.3	601.7	613.0	624.3	626.7	628.9	628.9	626.7	613.0
77.5°	508.5	535.8	529.0	522.2	529.0	535.8	535.8	535.8	538.1	538.1	519.9
80°	408.7	424.6	426.8	429.1	431.4	433.6	431.4	429.1	424.6	420.0	408.7
82.5°	304.2	304.2	322.4	338.2	338.2	336.0	333.8	329.2	320.1	308.8	283.7
85°	193.0	181.7	211.2	238.4	238.4	236.1	231.6	224.8	206.6	186.2	165.7
87.5°	65.9	54.5	84.0	113.6	115.8	115.8	111.2	106.7	88.6	68.1	52.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383703
 CATALOG NUMBER: GAN-SA9D-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: P383703

CATALOG NUMBER: GAN-SA9D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1
2.5°	14975.4	15004.8	15032.1	15254.6	15474.8	15733.7	15992.4	16190.0	16385.3	16587.3	16789.4
5°	11976.2	12012.5	12048.8	12319.0	12586.9	12947.9	13308.9	13619.9	13930.9	14296.5	14662.0
7.5°	8877.1	8956.6	9033.8	9322.1	9608.2	9996.4	10382.4	10788.8	11192.9	11669.7	12146.4
10°	6972.3	7122.1	7269.7	7564.8	7860.0	8243.7	8625.1	9049.7	9474.2	9944.2	10411.9
12.5°	5644.2	5843.9	6041.5	6395.6	6749.8	7208.4	7664.8	8137.0	8606.9	9020.2	9433.4
15°	4459.0	4676.9	4892.7	5267.2	5641.8	6145.9	6647.6	7163.0	7676.1	8171.1	8666.0
17.5°	3478.2	3657.5	3834.6	4152.5	4468.1	4956.2	5444.3	5984.7	6525.0	7128.9	7730.6
20°	2806.2	2881.1	2956.0	3185.3	3412.4	3809.7	4204.7	4756.4	5308.1	6030.1	6752.0
22.5°	2458.8	2497.4	2533.7	2644.9	2753.9	3010.5	3264.8	3752.9	4238.7	5026.6	5812.1
25°	2250.0	2279.4	2308.9	2381.6	2454.3	2576.8	2699.4	3042.2	3385.2	4159.3	4931.2
27.5°	2061.5	2106.9	2150.0	2184.1	2215.9	2299.9	2381.6	2606.4	2831.2	3553.1	4272.8
30°	1925.2	1941.2	1957.1	2009.3	2059.2	2145.5	2231.8	2388.4	2545.1	3155.8	3764.3
32.5°	1766.3	1789.0	1811.8	1866.3	1920.8	2000.2	2079.7	2206.8	2331.7	2853.9	3373.8
35°	1623.3	1646.0	1668.7	1723.2	1775.4	1861.7	1945.7	2052.4	2156.8	2610.9	3065.0
37.5°	1534.7	1557.5	1580.2	1627.9	1673.2	1759.5	1843.5	1927.6	2009.3	2429.3	2849.3
40°	1459.8	1482.6	1505.3	1550.7	1593.8	1677.8	1759.5	1829.9	1900.3	2293.1	2685.8
42.5°	1394.0	1418.9	1444.0	1489.4	1532.5	1607.4	1682.4	1775.4	1866.3	2175.0	2481.5
45°	1339.5	1364.5	1387.2	1437.1	1487.1	1559.8	1632.4	1761.8	1891.2	2113.7	2336.2
47.5°	1289.5	1316.8	1341.8	1396.3	1450.8	1541.6	1630.1	1739.1	1845.8	2066.0	2286.3
50°	1241.8	1273.7	1305.5	1371.3	1434.9	1587.0	1736.9	1752.7	1766.3	2027.4	2286.3
52.5°	1196.5	1232.8	1269.1	1350.8	1430.3	1607.4	1784.5	1727.7	1668.7	1954.8	2240.8
55°	1151.1	1182.9	1212.4	1312.3	1412.1	1541.6	1671.0	1596.0	1518.9	1818.6	2118.2
57.5°	1089.8	1123.8	1155.6	1262.3	1369.0	1459.8	1548.4	1480.3	1409.9	1664.2	1916.2
60°	1026.2	1064.8	1103.4	1239.6	1373.6	1357.6	1339.5	1325.9	1310.0	1491.6	1673.2
62.5°	969.5	1010.4	1051.2	1228.2	1405.3	1296.3	1187.4	1198.7	1207.8	1341.8	1475.8
65°	912.7	953.5	992.2	1080.7	1169.3	1126.1	1082.9	1101.1	1117.0	1248.7	1380.4
67.5°	849.1	885.4	919.5	949.0	978.5	983.1	987.6	1005.8	1024.0	1180.6	1335.0
70°	778.8	808.2	837.7	858.2	876.4	885.4	892.2	915.0	937.7	1108.0	1278.2
72.5°	699.3	724.3	746.9	765.1	783.2	790.0	794.6	817.3	840.1	1021.6	1203.3
75°	613.0	633.5	651.6	667.5	683.4	692.4	701.5	717.5	733.3	930.9	1126.1
77.5°	517.7	538.1	556.2	569.8	581.2	590.3	597.1	617.5	638.0	803.7	967.1
80°	404.1	429.1	451.8	463.2	472.2	474.5	474.5	492.7	510.9	628.9	744.7
82.5°	286.1	313.3	338.2	347.4	356.4	356.4	356.4	376.9	397.3	476.8	554.0
85°	168.1	197.5	224.8	233.8	242.9	247.5	249.7	258.8	265.7	322.4	376.9
87.5°	52.3	77.2	99.9	104.4	109.0	118.0	127.2	129.4	129.4	168.1	206.6
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):

	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



REPORT NUMBER: P383703

CATALOG NUMBER: GAN-SA9D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1	17300.1
2.5°	17021.0	17252.5	17522.7	17790.6	18019.9	18249.2	18439.9
5°	15127.4	15592.9	16162.7	16730.3	17236.6	17742.9	18330.9
7.5°	12748.1	13349.7	14087.6	14825.5	15540.6	16253.5	17157.2
10°	11024.9	11635.6	12416.6	13195.4	13999.1	14800.5	15822.1
12.5°	9930.6	10425.5	11181.6	11937.6	12882.1	13824.3	14807.3
15°	9208.6	9748.9	10484.6	11220.1	12253.2	13286.2	14416.8
17.5°	8439.0	9145.0	10087.3	11029.4	12253.2	13474.6	14807.3
20°	7633.0	8511.6	9733.1	10954.5	12602.8	14248.9	15949.3
22.5°	6829.3	7846.4	9412.9	10977.2	13131.8	15284.1	17579.4
25°	6105.0	7278.8	9217.7	11154.4	13901.5	16646.3	19493.4
27.5°	5555.6	6836.1	9138.2	11438.1	14877.7	18317.3	21575.3
30°	5067.4	6370.7	9042.9	11715.0	15817.7	19917.9	23203.2
32.5°	4645.2	5916.5	8858.9	11799.1	16473.8	21148.5	24581.2
35°	4313.7	5562.4	8550.2	11538.0	16884.7	22231.4	26016.1
37.5°	4027.6	5206.0	8198.3	11190.6	17250.2	23309.8	27630.4
40°	3755.2	4824.5	7896.4	10965.9	17754.3	24542.6	29335.4
42.5°	3496.4	4511.2	7653.4	10795.6	18221.9	25646.1	30827.1
45°	3303.4	4270.6	7437.8	10602.6	18523.9	26445.2	31950.9
47.5°	3208.1	4127.5	7322.0	10514.1	18825.8	27135.4	32884.0
50°	3194.4	4102.5	7453.6	10804.6	19479.8	28152.5	33951.1
52.5°	3192.1	4143.4	7832.7	11522.1	20694.4	29864.4	35106.7
55°	3144.4	4168.4	8284.5	12398.4	22324.5	32248.3	37184.0
57.5°	2999.1	4082.1	8750.0	13415.6	24047.7	34677.6	39524.8
60°	2774.4	3873.3	9133.6	14391.9	25205.6	36017.1	40426.1
62.5°	2492.8	3507.7	9260.8	15011.6	25173.8	35335.9	39518.0
65°	2252.2	3124.0	8843.1	14559.8	23900.2	33238.2	37722.1
67.5°	2038.8	2740.3	7798.7	12854.8	21609.3	30361.6	35438.1
70°	1884.4	2488.3	6452.4	10416.5	18741.9	27065.0	32793.2
72.5°	1786.8	2368.0	5260.4	8150.6	15209.2	22265.5	28050.4
75°	1652.8	2179.5	4127.5	6073.2	11640.2	17207.1	21187.0
77.5°	1403.1	1836.7	3110.4	4384.0	8541.1	12695.9	14734.7
80°	1082.9	1418.9	2138.6	2858.4	5878.0	8897.6	10046.4
82.5°	771.9	989.9	1296.3	1602.9	3905.0	6204.9	6300.2
85°	476.8	576.6	742.4	908.2	2583.6	4259.2	3548.5
87.5°	256.5	306.5	392.7	476.8	826.4	1176.1	676.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383703
CATALOG NUMBER: GAN-SA9D-735-U-SLL

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)