

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: P383619

Luminaire Tested: **GAN-SA9A-735-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P383619  
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-SA9A-735-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 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: 34106.8 lumens  
Efficiency: N/A  
Efficacy: 117.6 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

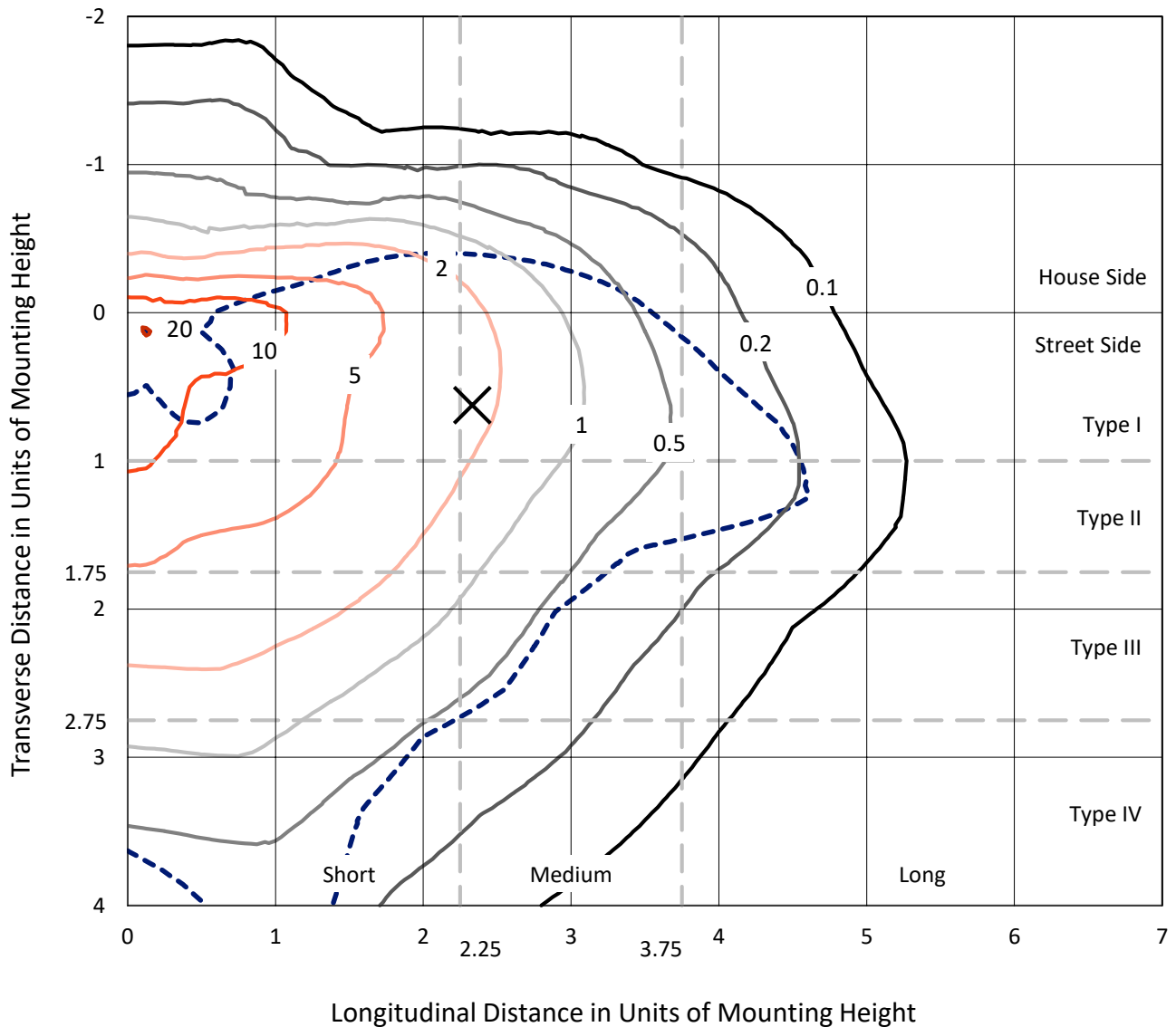
Input Watts (W): 290  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

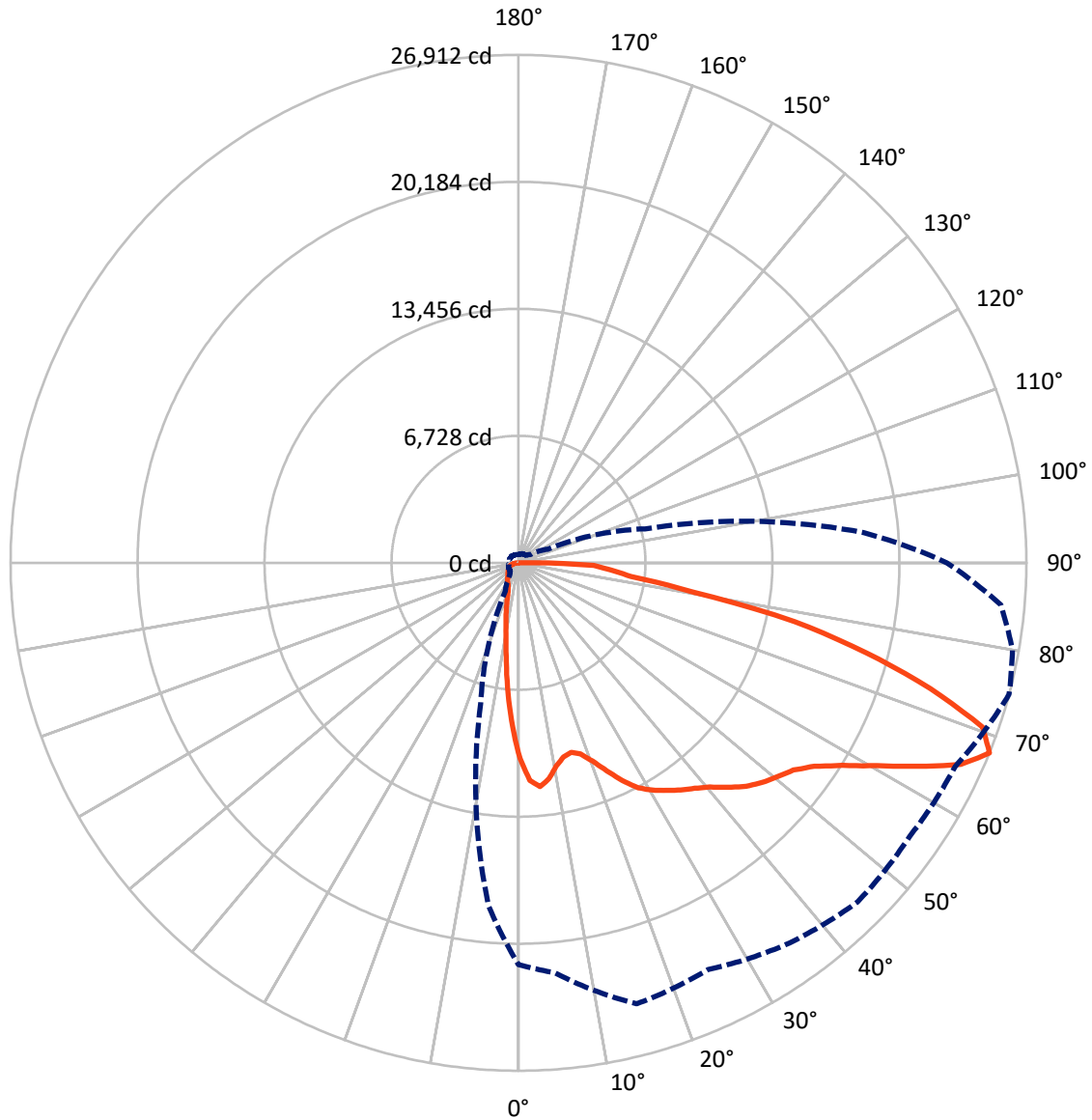
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.9 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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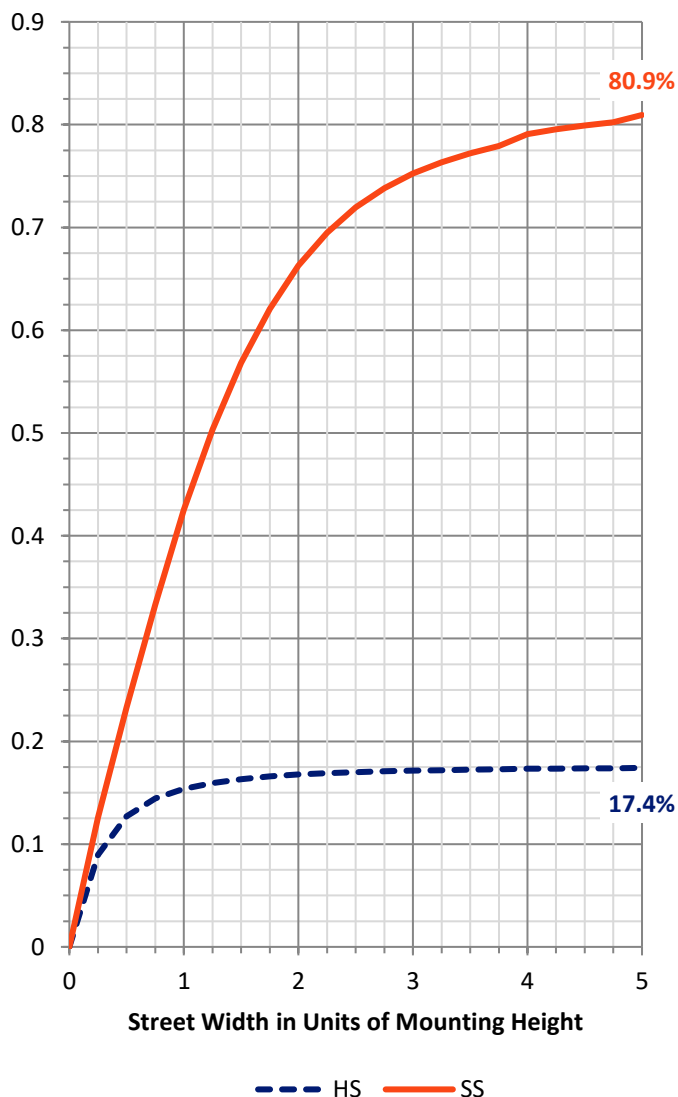
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6007.0	0.0	6007.0
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	28099.7	0.0	28099.7
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	34106.8	0.0	34106.8
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	801.9	2.4
10°-20°	1665.9	4.9
20°-30°	2369.3	6.9
30°-40°	3414.2	10.0
40°-50°	4811.6	14.1
50°-60°	6688.9	19.6
60°-70°	8088.9	23.7
70°-80°	4972.1	14.6
80°-90°	1293.8	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°	34106.8	100.0
0°-180°	34106.8	100.0

**Coefficient of Utilization**

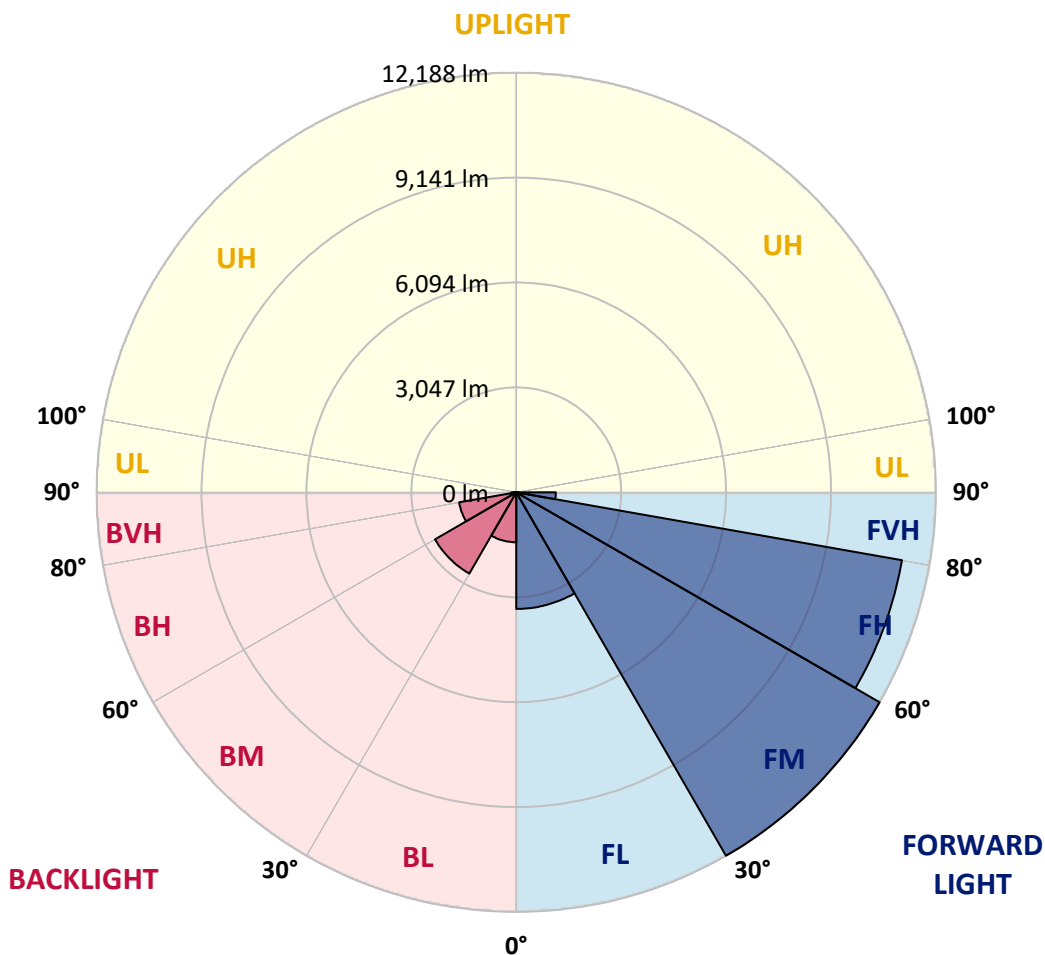


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3386.5	9.9			
FM (30°-60°)	12187.9	35.7			
FH (60°-80°)	11376.9	33.4			G4/12000
FVH (80°-90°)	1148.5	3.4			G5
BL (0°-30°)	1450.8	4.3	B3/2500		
BM (30°-60°)	2726.7	8.0	B3/5000		
BH (60°-80°)	1684.1	4.9	B3/2500		G3/2500
BVH (80°-90°)	145.4	0.4			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**  
 Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8
2.5°	11075.4	11221.2	11322.1	11421.7	11499.4	11575.8	11687.6	11799.4	11821.2	11841.6	11798.1
5°	11009.9	11365.8	11668.5	11969.8	12249.4	12528.9	12696.6	12864.4	12898.5	12932.6	12827.6
7.5°	10304.9	10829.9	11354.8	11879.8	12361.2	12842.6	13135.8	13427.6	13494.4	13559.8	13388.0
10°	9503.1	10114.0	10759.0	11403.9	12038.0	12672.1	13096.2	13520.3	13604.8	13689.4	13475.3
12.5°	8893.5	9560.4	10249.0	10937.6	11607.2	12275.3	12714.4	13153.5	13258.4	13363.5	13208.0
15°	8659.0	9389.9	10037.6	10685.3	11268.9	11851.2	12211.2	12569.8	12613.5	12655.7	12631.2
17.5°	8893.5	9699.5	10285.8	10870.8	11188.5	11504.9	11649.4	11792.6	11840.3	11886.6	11949.4
20°	9579.4	10449.4	10862.6	11274.4	11260.7	11245.7	11176.2	11105.4	11093.1	11080.8	11258.0
22.5°	10558.5	11569.0	11734.0	11897.5	11514.4	11131.2	10898.1	10663.5	10617.1	10569.4	10757.6
25°	11708.1	12783.9	12753.9	12722.6	11993.0	11262.1	10817.6	10373.1	10321.3	10269.4	10430.4
27.5°	12958.5	13986.6	13790.3	13593.9	12602.5	11611.2	10966.3	10321.3	10269.4	10217.6	10359.5
30°	13936.2	14868.9	14553.9	14238.9	13116.7	11994.4	11228.0	10461.7	10377.2	10291.3	10465.8
32.5°	14763.9	15557.5	15134.9	14712.1	13533.9	12355.8	11526.7	10697.6	10565.3	10433.1	10666.2
35°	15625.7	16244.8	15650.3	15054.4	13906.2	12756.7	11879.8	11001.7	10839.4	10677.1	10997.6
37.5°	16595.2	17109.4	16255.7	15400.7	14324.8	13248.9	12409.0	11567.6	11401.2	11234.8	11644.0
40°	17619.3	18047.5	16908.9	15770.3	14783.0	13795.8	13141.2	12485.3	12327.1	12167.6	12663.9
42.5°	18515.3	18827.5	17517.1	16206.6	15335.2	14462.6	14001.6	13539.4	13538.0	13535.3	14038.4
45°	19190.3	19461.6	18024.3	16585.7	15873.9	15160.8	14920.7	14680.7	14873.0	15065.3	15520.7
47.5°	19750.7	19934.7	18449.8	16963.4	16490.3	16017.1	16052.5	16088.0	16479.4	16870.7	17163.9
50°	20391.6	20242.9	18835.7	17427.0	17281.1	17135.3	17454.3	17772.1	18222.1	18670.6	18869.8
52.5°	21085.7	20691.5	19359.3	18025.7	18189.3	18353.0	19002.1	19651.1	20105.2	20559.3	20634.3
55°	22333.4	21729.3	20322.0	18913.4	19228.4	19542.0	20495.2	21447.0	21801.6	22156.1	22183.4
57.5°	23739.3	23203.4	21670.7	20137.9	20476.1	20814.3	21914.8	23013.8	23397.0	23778.8	23725.6
60°	24280.6	24306.5	22951.1	21594.3	21935.2	22276.1	23347.9	24419.7	24860.1	25299.2	25182.0
62.5°	23735.2	24374.7	23650.6	22925.2	23234.8	23542.9	24592.9	25642.9	26094.2	26545.6	26341.0
65°	22656.5	23290.6	23615.2	23939.7	24041.9	24144.2	25124.7	26103.7	26450.2	26795.1	26691.4
67.5°	21284.7	21797.5	22994.7	24190.6	23984.7	23778.8	24238.3	24697.8	25053.8	25409.7	25351.0
70°	19696.1	20307.0	21903.9	23500.6	22488.8	21475.6	21286.1	21096.6	21481.1	21864.3	21627.0
72.5°	16847.5	17769.4	19472.5	21174.3	19310.2	17446.1	16798.4	16150.7	16637.5	17124.4	16746.6
75°	12725.3	13948.4	15830.3	17710.7	15486.6	13262.5	12398.1	11533.5	11952.1	12370.8	12111.7
77.5°	8849.9	10384.0	12237.1	14090.3	11829.4	9567.2	8924.9	8281.3	8406.8	8530.8	8487.1
80°	6034.0	7043.1	8335.8	9627.2	8121.7	6616.3	6666.7	6715.8	6657.2	6597.2	6684.5
82.5°	3784.0	4494.5	5492.7	6489.4	5690.4	4891.3	5349.5	5807.6	5582.7	5356.3	5440.8
85°	2131.4	2564.9	3541.3	4516.3	4209.5	3901.3	4170.0	4437.2	4088.1	3739.0	3893.1
87.5°	406.3	676.4	1959.5	3241.3	2942.7	2644.1	2297.7	1951.3	1489.1	1026.8	1500.0
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°	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8
2.5°	11754.4	11731.3	11708.1	11624.9	11540.3	11414.9	11311.2	11131.2	11033.1	10884.4	10735.8
5°	12721.2	12573.9	12426.7	12173.0	11918.0	11634.4	11308.5	10947.2	10674.4	10319.9	9965.3
7.5°	13216.2	12872.6	12527.5	12040.7	11552.6	11113.5	10598.0	10118.1	9709.0	9248.0	8787.2
10°	13261.2	12745.7	12229.0	11596.2	10962.2	10429.0	9835.7	9302.6	8811.7	8282.7	7752.2
12.5°	13051.2	12503.0	11953.5	11256.6	10558.5	9953.0	9314.9	8717.6	8173.5	7591.3	7007.7
15°	12606.6	12168.9	11729.9	11076.7	10423.6	9812.6	9193.5	8485.8	7870.8	7274.9	6677.6
17.5°	12010.7	11803.5	11594.9	11123.1	10649.8	10120.8	9520.8	8690.3	7970.3	7322.6	6674.9
20°	11433.9	11510.3	11585.3	11397.1	11208.9	10784.9	10261.3	9328.5	8409.5	7562.7	6714.5
22.5°	10944.4	11311.2	11676.7	11822.6	11967.1	11712.2	11303.0	10224.4	9008.1	7902.1	6796.3
25°	10589.8	11198.0	11806.2	12291.7	12775.7	12662.5	12347.6	11312.6	9801.7	8391.8	6980.4
27.5°	10501.2	11247.1	11993.0	12745.7	13497.1	13602.1	13514.8	12459.4	10748.0	8999.9	7250.3
30°	10640.3	11395.8	12149.9	13066.2	13981.2	14399.9	14517.1	13415.3	11829.4	9709.0	7587.2
32.5°	10899.4	11639.9	12380.3	13378.5	14375.3	15008.0	15381.6	14289.4	12583.4	10243.5	7902.1
35°	11318.0	12010.7	12703.5	13742.6	14781.6	15599.8	16281.6	15192.1	13253.0	10617.1	7979.9
37.5°	12051.7	12647.5	13243.4	14203.5	15162.1	16223.0	17247.0	16186.2	13977.1	10977.2	7975.8
40°	13160.3	13581.7	14001.6	14813.0	15623.0	16958.0	18340.7	17294.8	14777.5	11367.1	7956.7
42.5°	14541.6	14758.4	14973.9	15616.2	16258.4	17725.7	19333.4	18378.9	15541.2	11729.9	7918.5
45°	15974.8	16032.1	16089.3	16494.4	16898.0	18333.9	20009.7	19193.0	16208.0	12044.8	7880.3
47.5°	17455.7	17259.3	17063.0	17223.8	17384.8	18800.2	20492.5	19810.7	16877.5	12394.0	7909.0
50°	19068.9	18522.1	17975.2	17890.7	17806.2	19266.5	21061.1	20596.1	17682.1	12902.6	8123.1
52.5°	20707.9	19806.6	18905.2	18571.1	18235.7	19823.0	21815.2	21573.8	18830.2	13690.8	8549.9
55°	22210.6	21063.9	19917.0	19467.0	19017.1	20673.8	22735.6	23009.7	20301.6	14698.4	9094.0
57.5°	23671.1	22371.6	21072.0	20654.7	20237.5	21924.3	23901.6	24298.3	21787.9	15665.3	9541.3
60°	25064.7	23778.8	22491.6	22157.4	21822.0	23478.8	25161.5	24872.4	22554.3	16118.0	9680.4
62.5°	26136.5	25113.8	24091.0	23915.2	23737.9	25051.1	26129.7	24648.7	22067.4	15672.1	9276.7
65°	26587.9	26005.5	25421.9	25587.0	25750.6	26240.1	26371.0	23994.2	20537.5	14423.0	8308.6
67.5°	25291.1	25409.7	25528.3	26221.0	26912.4	26575.6	25653.8	22704.2	18359.8	12653.0	6946.3
70°	21388.3	22100.2	22810.6	24449.7	26087.4	25340.1	23732.5	20388.9	15738.9	10614.4	5488.6
72.5°	16367.6	17168.0	17967.0	20399.8	22831.1	22142.4	20173.4	16746.6	12618.9	8476.2	4332.3
75°	11851.2	12755.3	13658.0	16341.6	19025.2	18069.3	15089.9	11990.3	9584.9	6470.3	3354.5
77.5°	8442.2	9047.7	9653.1	12304.0	14953.5	13396.2	10044.4	8068.5	6634.0	4497.2	2359.1
80°	6771.7	6586.3	6400.8	7877.6	9354.4	9095.4	6643.5	5181.7	4591.3	3013.6	1435.9
82.5°	5524.0	5071.3	4618.6	5314.0	6009.5	5971.3	4610.4	3801.7	3417.2	2094.5	771.8
85°	4045.9	3864.5	3683.2	4298.2	4913.1	4388.1	3122.7	2416.3	2664.5	1542.3	420.0
87.5°	1973.2	2254.1	2533.6	3259.0	3983.1	2990.5	947.8	469.1	649.1	426.8	203.2
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: P383619  
 CATALOG NUMBER: GAN-SA9A-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: P383619

CATALOG NUMBER: GAN-SA9A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8
2.5°	10625.3	10513.5	10386.7	10259.9	10115.3	9969.4	9883.5	9796.2	9702.2	9608.1	9501.7
5°	9730.8	9496.3	9230.3	8964.5	8701.2	8438.1	8296.3	8154.5	8004.4	7853.0	7722.2
7.5°	8446.2	8104.0	7735.9	7366.3	7039.0	6710.4	6507.2	6302.7	6117.2	5930.4	5773.5
10°	7315.8	6879.5	6509.9	6139.0	5892.2	5645.4	5458.6	5271.7	5091.7	4910.4	4737.2
12.5°	6571.3	6134.9	5900.4	5665.9	5461.3	5256.7	5041.3	4824.5	4577.6	4329.5	4148.1
15°	6280.9	5884.0	5623.6	5361.7	5087.6	4812.2	4547.6	4283.2	3991.3	3699.5	3493.6
17.5°	6155.4	5635.9	5271.7	4906.3	4544.9	4183.6	3876.7	3570.0	3250.9	2931.8	2723.2
20°	6023.1	5331.7	4843.6	4354.1	3890.4	3426.8	3079.0	2731.3	2446.3	2161.4	2001.8
22.5°	5903.1	5008.6	4396.3	3782.6	3234.5	2686.3	2345.5	2003.2	1828.6	1654.1	1590.0
25°	5854.0	4726.3	3973.6	3220.8	2642.7	2063.2	1820.4	1577.7	1510.9	1442.7	1410.0
27.5°	5862.2	4474.0	3617.7	2760.0	2239.1	1718.1	1551.8	1385.4	1344.5	1302.2	1281.8
30°	5893.5	4200.0	3282.2	2364.5	1935.0	1505.5	1397.7	1288.6	1245.0	1201.3	1175.4
32.5°	5929.0	3954.5	3023.2	2090.4	1739.9	1388.2	1299.5	1209.5	1167.2	1125.0	1099.0
35°	5867.6	3754.0	2845.9	1937.7	1614.6	1290.0	1215.0	1138.6	1092.2	1045.9	1021.3
37.5°	5764.0	3552.3	2708.2	1862.7	1532.7	1201.3	1146.8	1090.9	1043.1	994.1	970.9
40°	5670.0	3381.8	2605.9	1828.6	1487.7	1145.4	1099.0	1052.7	1003.6	953.2	925.9
42.5°	5593.6	3267.2	2504.9	1742.7	1446.8	1149.5	1084.0	1017.2	969.6	921.8	891.8
45°	5536.3	3192.2	2425.8	1659.6	1408.6	1157.7	1074.5	991.4	943.7	894.6	859.1
47.5°	5530.9	3152.7	2370.0	1587.3	1336.3	1084.0	1049.9	1015.9	946.4	875.5	834.6
50°	5605.9	3088.6	2304.6	1519.1	1266.8	1014.5	1060.9	1105.9	987.3	867.3	815.5
52.5°	5762.6	2975.5	2200.9	1426.4	1182.2	936.8	1009.1	1079.9	977.8	874.1	807.3
55°	5952.2	2809.1	2044.1	1277.7	1070.4	861.8	925.9	988.7	924.6	859.1	778.6
57.5°	6070.8	2599.0	1846.3	1093.6	945.0	796.4	833.2	868.7	842.7	816.8	735.0
60°	5999.9	2319.6	1624.1	927.3	834.6	741.8	735.0	726.8	765.0	803.2	709.1
62.5°	5653.6	2030.4	1427.7	825.0	755.5	684.5	669.5	653.2	715.9	777.3	677.7
65°	5068.6	1828.6	1303.6	778.6	700.9	623.2	606.8	590.4	609.5	628.6	582.3
67.5°	4325.4	1704.5	1232.7	760.9	666.8	571.3	552.2	533.2	529.1	525.0	508.6
70°	3559.1	1628.2	1186.3	744.5	630.0	514.1	496.3	478.6	473.1	466.3	454.1
72.5°	2975.5	1618.7	1180.9	743.2	600.0	456.8	440.4	424.0	417.2	409.0	399.5
75°	2436.7	1519.1	1120.9	722.7	559.1	394.0	379.0	364.0	358.6	351.8	343.6
77.5°	1808.1	1257.2	942.3	627.3	478.6	330.0	315.0	298.7	297.3	294.6	287.8
80°	1172.7	909.6	673.6	437.7	349.1	259.1	246.9	233.2	234.6	235.9	230.5
82.5°	651.8	530.4	411.8	293.2	238.7	184.1	178.7	171.8	175.9	178.7	171.8
85°	343.6	267.3	220.9	174.6	137.7	100.9	100.9	99.6	105.0	110.5	105.0
87.5°	148.7	94.1	80.5	65.5	36.8	6.8	8.2	8.2	10.9	13.6	12.3
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: P383619  
 CATALOG NUMBER: GAN-SA9A-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: P383619  
 CATALOG NUMBER: GAN-SA9A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8
2.5°	9394.0	9294.4	9193.5	9083.1	9103.5	9019.0	8934.5	8881.3	8828.1	8811.7	8795.4
5°	7591.3	7478.1	7363.5	7261.3	7349.9	7289.9	7229.9	7221.7	7212.2	7212.2	7210.8
7.5°	5616.8	5495.4	5372.7	5288.1	5375.4	5364.5	5353.6	5412.2	5470.9	5518.6	5565.0
10°	4564.0	4416.7	4268.2	4142.7	4120.9	4058.1	3994.0	4007.7	4019.9	4071.8	4123.6
12.5°	3966.8	3790.8	3615.0	3467.7	3400.9	3297.2	3192.2	3126.7	3061.3	3068.1	3073.6
15°	3286.3	3115.8	2944.1	2817.3	2775.0	2694.5	2614.0	2532.2	2449.0	2414.9	2379.5
17.5°	2513.1	2376.8	2239.1	2154.5	2154.5	2131.4	2108.2	2067.3	2025.0	1990.9	1955.4
20°	1842.2	1769.9	1696.3	1660.9	1671.8	1673.2	1673.2	1693.6	1714.0	1703.1	1692.2
22.5°	1524.6	1498.6	1472.7	1457.7	1463.2	1464.5	1465.9	1485.0	1502.7	1516.4	1528.6
25°	1375.9	1359.5	1343.2	1337.7	1350.0	1351.3	1351.3	1363.6	1375.9	1389.5	1403.2
27.5°	1260.0	1253.2	1246.3	1236.8	1249.1	1249.1	1247.7	1261.3	1273.6	1285.9	1296.8
30°	1149.5	1152.2	1153.6	1150.9	1159.0	1164.5	1168.6	1178.1	1186.3	1195.9	1205.4
32.5°	1071.8	1067.7	1063.6	1060.9	1078.6	1088.1	1097.7	1107.2	1115.4	1119.5	1123.6
35°	996.8	987.3	977.8	970.9	987.3	999.6	1011.8	1029.5	1045.9	1048.6	1051.3
37.5°	946.4	934.1	921.8	913.7	920.5	925.9	931.4	950.5	969.6	980.5	990.0
40°	898.7	886.4	874.1	867.3	871.4	872.7	874.1	883.7	891.8	912.3	931.4
42.5°	860.5	845.5	830.5	822.3	825.0	827.7	829.1	827.7	826.4	845.5	864.6
45°	822.3	805.9	789.6	780.0	781.4	781.4	781.4	778.6	774.6	784.1	793.6
47.5°	792.3	773.2	754.1	744.5	741.8	739.1	736.4	735.0	732.3	739.1	744.5
50°	762.3	741.8	720.0	709.1	702.3	699.5	696.8	695.4	692.7	699.5	705.0
52.5°	739.1	714.5	690.0	672.3	665.4	661.4	657.3	658.6	658.6	661.4	662.7
55°	698.2	676.4	653.2	640.9	628.6	625.9	623.2	627.3	630.0	630.0	630.0
57.5°	653.2	632.7	610.9	602.7	591.8	591.8	590.4	595.9	600.0	602.7	605.4
60°	613.6	590.4	567.2	560.4	556.3	555.0	553.6	560.4	565.9	571.3	576.8
62.5°	576.8	552.2	527.7	519.5	518.2	519.5	519.5	526.3	531.8	537.2	542.7
65°	535.9	511.3	485.4	477.2	480.0	484.1	488.1	493.6	497.7	503.2	508.6
67.5°	490.9	470.4	448.6	440.4	441.8	447.2	452.7	456.8	459.5	465.0	470.4
70°	441.8	424.0	406.3	400.9	399.5	406.3	411.8	414.5	417.2	424.0	429.5
72.5°	388.6	373.6	358.6	354.5	355.9	359.9	364.0	368.1	370.9	377.7	383.1
75°	334.1	320.5	306.9	304.1	306.9	311.0	315.0	317.8	320.5	328.6	335.5
77.5°	280.9	265.9	249.6	248.2	252.3	256.4	259.1	263.2	267.3	278.2	289.1
80°	225.0	208.7	190.9	189.6	193.7	197.8	201.8	205.9	210.0	223.7	235.9
82.5°	165.0	145.9	126.8	124.1	137.7	141.8	145.9	152.7	158.2	170.5	182.8
85°	99.6	80.5	61.4	60.0	72.3	79.1	85.9	94.1	100.9	111.8	122.7
87.5°	10.9	5.5	0.0	0.0	1.4	6.8	12.3	19.1	25.9	36.8	46.4
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: P383619  
 CATALOG NUMBER: GAN-SA9A-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: P383619

CATALOG NUMBER: GAN-SA9A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8
2.5°	8735.3	8674.0	8736.7	8798.1	8824.0	8849.9	8783.1	8714.9	8821.3	8926.3	8953.6
5°	7156.2	7100.3	7142.6	7183.5	7092.2	7000.9	6991.3	6980.4	7059.5	7138.5	7150.8
7.5°	5547.2	5529.5	5569.0	5608.6	5492.7	5375.4	5318.1	5260.8	5279.9	5299.0	5296.3
10°	4135.9	4146.8	4195.9	4243.6	4153.6	4063.6	4024.0	3984.5	4028.1	4070.4	4110.0
12.5°	3098.1	3121.3	3173.1	3223.6	3186.8	3148.6	3152.7	3156.7	3207.2	3256.3	3299.9
15°	2406.7	2434.0	2470.8	2506.3	2507.7	2507.7	2543.1	2577.2	2573.1	2569.0	2599.0
17.5°	1992.2	2027.7	2031.8	2035.9	2037.2	2038.6	2035.9	2033.2	2012.7	1992.2	2015.4
20°	1705.8	1718.1	1729.0	1738.6	1726.3	1712.7	1678.6	1644.6	1630.9	1617.3	1639.1
22.5°	1551.8	1573.7	1562.7	1550.5	1525.9	1500.0	1474.1	1446.8	1445.5	1442.7	1455.0
25°	1422.3	1440.0	1420.9	1401.8	1384.1	1366.3	1348.6	1330.9	1329.5	1328.2	1333.6
27.5°	1314.5	1330.9	1313.2	1295.4	1280.4	1265.4	1251.8	1238.2	1235.4	1232.7	1234.1
30°	1221.8	1236.8	1221.8	1205.4	1194.5	1182.2	1172.7	1163.1	1161.8	1160.4	1160.4
32.5°	1138.6	1153.6	1142.7	1131.8	1122.2	1112.7	1105.9	1099.0	1092.2	1085.4	1070.4
35°	1066.3	1081.3	1074.5	1066.3	1055.4	1044.5	1032.2	1018.6	1000.9	981.9	973.7
37.5°	1005.0	1020.0	1013.2	1006.4	991.4	976.4	954.6	931.4	925.9	919.1	917.8
40°	955.9	979.1	965.5	950.5	927.3	904.1	893.2	882.3	879.6	876.8	874.1
42.5°	901.4	936.8	912.3	887.7	865.9	844.1	841.4	838.7	837.3	835.9	835.9
45°	833.2	871.4	846.8	820.9	808.6	796.4	796.4	796.4	797.7	797.7	800.5
47.5°	769.1	792.3	780.0	767.7	760.9	754.1	755.5	756.8	760.9	763.6	770.5
50°	714.5	722.7	725.5	726.8	722.7	718.6	721.4	722.7	726.8	729.5	735.0
52.5°	675.0	687.3	687.3	685.9	685.9	685.9	688.6	691.4	695.4	699.5	705.0
55°	649.1	666.8	661.4	655.9	657.3	657.3	660.0	662.7	666.8	669.5	677.7
57.5°	624.5	643.6	638.2	632.7	632.7	632.7	634.1	635.4	639.5	642.3	647.7
60°	595.9	615.0	609.5	602.7	604.1	605.4	606.8	606.8	609.5	610.9	610.9
62.5°	561.8	580.9	575.4	568.6	572.7	575.4	575.4	575.4	578.2	579.5	575.4
65°	526.3	544.1	538.6	533.2	538.6	542.7	545.4	546.8	545.4	544.1	540.0
67.5°	488.1	505.9	500.4	493.6	500.4	505.9	511.3	515.4	511.3	507.2	501.8
70°	447.2	465.0	458.1	451.3	458.1	465.0	470.4	475.9	470.4	465.0	463.6
72.5°	403.6	424.0	415.9	407.7	415.9	424.0	426.8	429.5	425.4	421.3	418.6
75°	355.9	376.3	369.5	361.3	368.1	375.0	376.3	377.7	377.7	376.3	368.1
77.5°	305.5	321.8	317.8	313.7	317.8	321.8	321.8	321.8	323.2	323.2	312.3
80°	245.5	255.0	256.4	257.8	259.1	260.5	259.1	257.8	255.0	252.3	245.5
82.5°	182.8	182.8	193.7	203.2	203.2	201.8	200.5	197.8	192.3	185.5	170.5
85°	115.9	109.1	126.8	143.2	143.2	141.8	139.1	135.0	124.1	111.8	99.6
87.5°	39.6	32.7	50.5	68.2	69.6	69.6	66.8	64.1	53.2	40.9	31.4
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: P383619  
 CATALOG NUMBER: GAN-SA9A-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: P383619  
 CATALOG NUMBER: GAN-SA9A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8
2.5°	8994.5	9012.2	9028.6	9162.1	9294.4	9449.9	9605.4	9724.0	9841.2	9962.6	10084.0
5°	7193.1	7214.9	7236.7	7399.0	7559.9	7776.7	7993.5	8180.4	8367.2	8586.7	8806.3
7.5°	5331.7	5379.5	5425.8	5599.1	5770.8	6004.0	6235.9	6479.9	6722.6	7009.0	7295.3
10°	4187.7	4277.7	4366.3	4543.6	4720.9	4951.3	5180.4	5435.4	5690.4	5972.6	6253.6
12.5°	3390.0	3510.0	3628.6	3841.3	4054.0	4329.5	4603.6	4887.2	5169.4	5417.7	5665.9
15°	2678.1	2809.1	2938.6	3163.6	3388.6	3691.4	3992.7	4302.3	4610.4	4907.7	5204.9
17.5°	2089.1	2196.8	2303.2	2494.0	2683.6	2976.8	3269.9	3594.5	3919.0	4281.8	4643.1
20°	1685.4	1730.4	1775.4	1913.1	2049.5	2288.2	2525.4	2856.8	3188.1	3621.8	4055.4
22.5°	1476.8	1500.0	1521.8	1588.7	1654.1	1808.1	1960.9	2254.1	2545.9	3019.1	3490.9
25°	1351.3	1369.1	1386.8	1430.4	1474.1	1547.7	1621.4	1827.2	2033.2	2498.1	2961.8
27.5°	1238.2	1265.4	1291.3	1311.8	1330.9	1381.4	1430.4	1565.5	1700.4	2134.1	2566.3
30°	1156.3	1165.9	1175.4	1206.8	1236.8	1288.6	1340.4	1434.5	1528.6	1895.4	2260.9
32.5°	1060.9	1074.5	1088.1	1120.9	1153.6	1201.3	1249.1	1325.4	1400.4	1714.0	2026.3
35°	975.0	988.7	1002.3	1034.9	1066.3	1118.1	1168.6	1232.7	1295.4	1568.2	1840.9
37.5°	921.8	935.5	949.1	977.8	1005.0	1056.8	1107.2	1157.7	1206.8	1459.1	1711.3
40°	876.8	890.5	904.1	931.4	957.3	1007.7	1056.8	1099.0	1141.3	1377.3	1613.2
42.5°	837.3	852.3	867.3	894.6	920.5	965.5	1010.4	1066.3	1120.9	1306.3	1490.5
45°	804.6	819.6	833.2	863.2	893.2	936.8	980.5	1058.1	1135.9	1269.5	1403.2
47.5°	774.6	790.9	805.9	838.7	871.4	925.9	979.1	1044.5	1108.6	1240.9	1373.2
50°	745.9	765.0	784.1	823.6	861.8	953.2	1043.1	1052.7	1060.9	1217.7	1373.2
52.5°	718.6	740.5	762.3	811.4	859.1	965.5	1071.8	1037.7	1002.3	1174.1	1345.9
55°	691.4	710.5	728.2	788.2	848.2	925.9	1003.6	958.7	912.3	1092.2	1272.2
57.5°	654.5	675.0	694.1	758.2	822.3	876.8	930.0	889.1	846.8	999.6	1150.9
60°	616.3	639.5	662.7	744.5	825.0	815.5	804.6	796.4	786.8	895.9	1005.0
62.5°	582.3	606.8	631.3	737.7	844.1	778.6	713.2	720.0	725.5	805.9	886.4
65°	548.2	572.7	595.9	649.1	702.3	676.4	650.4	661.4	670.9	750.0	829.1
67.5°	510.0	531.8	552.2	570.0	587.7	590.4	593.2	604.1	615.0	709.1	801.8
70°	467.7	485.4	503.2	515.4	526.3	531.8	535.9	549.5	563.2	665.4	767.7
72.5°	420.0	435.0	448.6	459.5	470.4	474.5	477.2	490.9	504.5	613.6	722.7
75°	368.1	380.4	391.3	400.9	410.4	415.9	421.3	430.9	440.4	559.1	676.4
77.5°	311.0	323.2	334.1	342.3	349.1	354.5	358.6	370.9	383.1	482.7	580.9
80°	242.8	257.8	271.4	278.2	283.7	285.0	285.0	295.9	306.9	377.7	447.2
82.5°	171.8	188.2	203.2	208.7	214.1	214.1	214.1	226.4	238.7	286.4	332.7
85°	100.9	118.7	135.0	140.5	145.9	148.7	150.0	155.5	159.6	193.7	226.4
87.5°	31.4	46.4	60.0	62.7	65.5	70.9	76.4	77.7	77.7	100.9	124.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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: P383619

CATALOG NUMBER: GAN-SA9A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8	10390.8
2.5°	10223.1	10362.2	10524.4	10685.3	10823.1	10960.8	11075.4
5°	9085.8	9365.3	9707.6	10048.5	10352.6	10656.7	11009.9
7.5°	7656.8	8018.1	8461.2	8904.5	9334.0	9762.2	10304.9
10°	6621.7	6988.6	7457.6	7925.3	8408.1	8889.5	9503.1
12.5°	5964.5	6261.8	6715.8	7169.9	7737.2	8303.1	8893.5
15°	5530.9	5855.4	6297.2	6739.0	7359.4	7979.9	8659.0
17.5°	5068.6	5492.7	6058.6	6624.4	7359.4	8093.1	8893.5
20°	4584.5	5112.2	5845.8	6579.4	7569.5	8558.0	9579.4
22.5°	4101.8	4712.7	5653.6	6593.1	7887.1	9179.8	10558.5
25°	3666.8	4371.8	5536.3	6699.5	8349.5	9998.0	11708.1
27.5°	3336.8	4105.9	5488.6	6869.9	8935.8	11001.7	12958.5
30°	3043.6	3826.3	5431.3	7036.3	9500.3	11963.0	13936.2
32.5°	2790.0	3553.6	5320.8	7086.7	9894.4	12702.1	14763.9
35°	2590.9	3340.9	5135.4	6929.9	10141.2	13352.5	15625.7
37.5°	2419.0	3126.7	4924.1	6721.3	10360.8	14000.3	16595.2
40°	2255.5	2897.7	4742.7	6586.3	10663.5	14740.7	17619.3
42.5°	2100.0	2709.5	4596.7	6484.0	10944.4	15403.4	18515.3
45°	1984.1	2564.9	4467.2	6368.1	11125.8	15883.4	19190.3
47.5°	1926.8	2479.0	4397.6	6315.0	11307.1	16298.0	19750.7
50°	1918.6	2464.0	4476.7	6489.4	11699.9	16908.9	20391.6
52.5°	1917.2	2488.6	4704.5	6920.4	12429.4	17937.0	21085.7
55°	1888.6	2503.6	4975.9	7446.7	13408.5	19368.8	22333.4
57.5°	1801.3	2451.8	5255.4	8057.6	14443.5	20827.9	23739.3
60°	1666.4	2326.4	5485.9	8644.0	15138.9	21632.5	24280.6
62.5°	1497.3	2106.8	5562.2	9016.3	15119.9	21223.4	23735.2
65°	1352.7	1876.3	5311.3	8744.9	14354.9	19963.4	22656.5
67.5°	1224.5	1645.9	4684.0	7720.9	12979.0	18235.7	21284.7
70°	1131.8	1494.5	3875.4	6256.3	11256.6	16255.7	19696.1
72.5°	1073.1	1422.3	3159.5	4895.4	9134.8	13373.0	16847.5
75°	992.8	1309.1	2479.0	3647.7	6991.3	10334.9	12725.3
77.5°	842.7	1103.1	1868.1	2633.1	5129.9	7625.4	8849.9
80°	650.4	852.3	1284.5	1716.8	3530.4	5344.0	6034.0
82.5°	463.6	594.5	778.6	962.8	2345.5	3726.7	3784.0
85°	286.4	346.3	445.9	545.4	1551.8	2558.1	2131.4
87.5°	154.1	184.1	235.9	286.4	496.3	706.4	406.3
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: P383619  
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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)