

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: P383507

Luminaire Tested: **GAN-SA8A-735-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P383507  
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-SA8A-735-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 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: 30576.2 lumens  
Efficiency: N/A  
Efficacy: 119.0 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

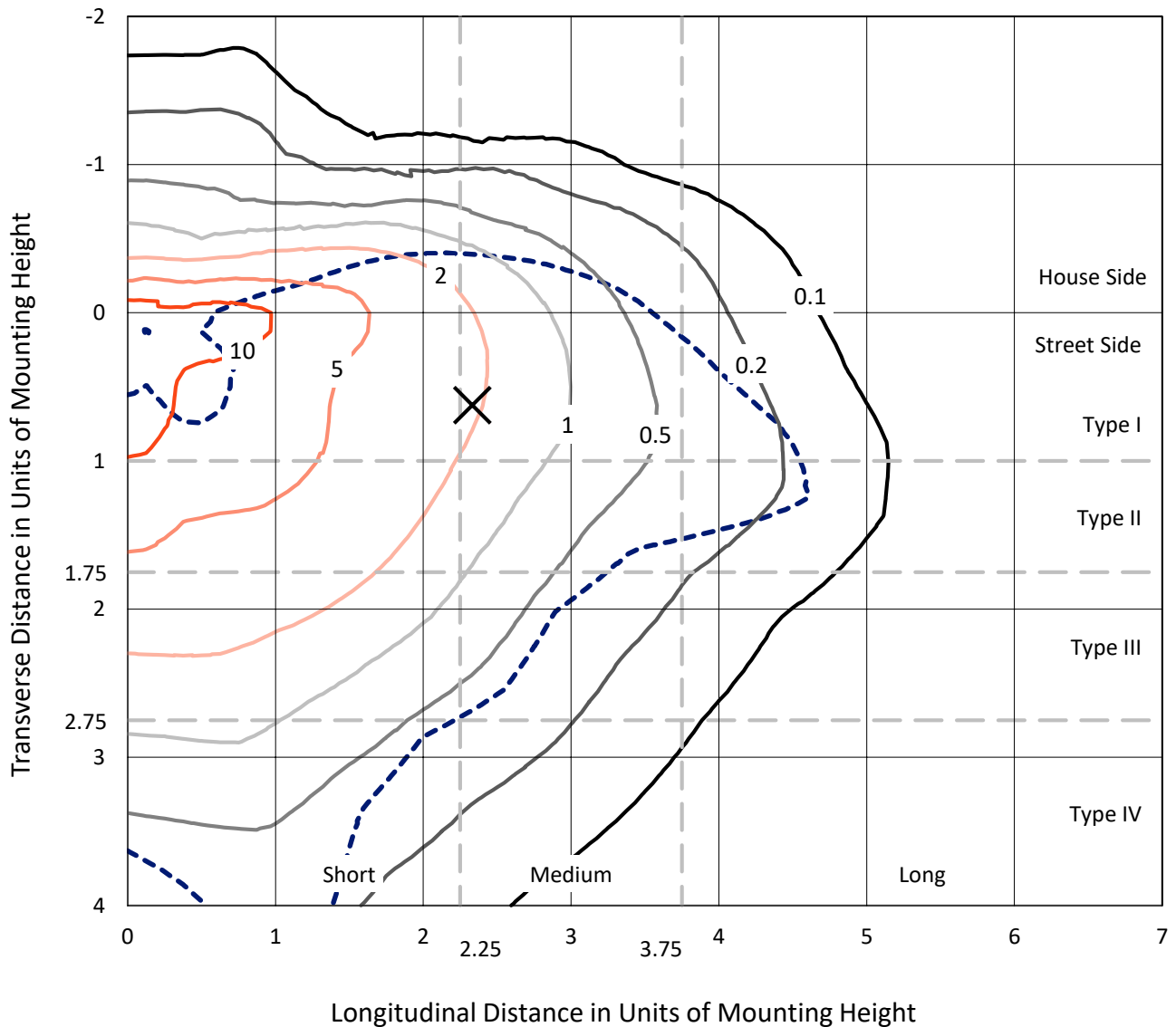
Input Watts (W): 257  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

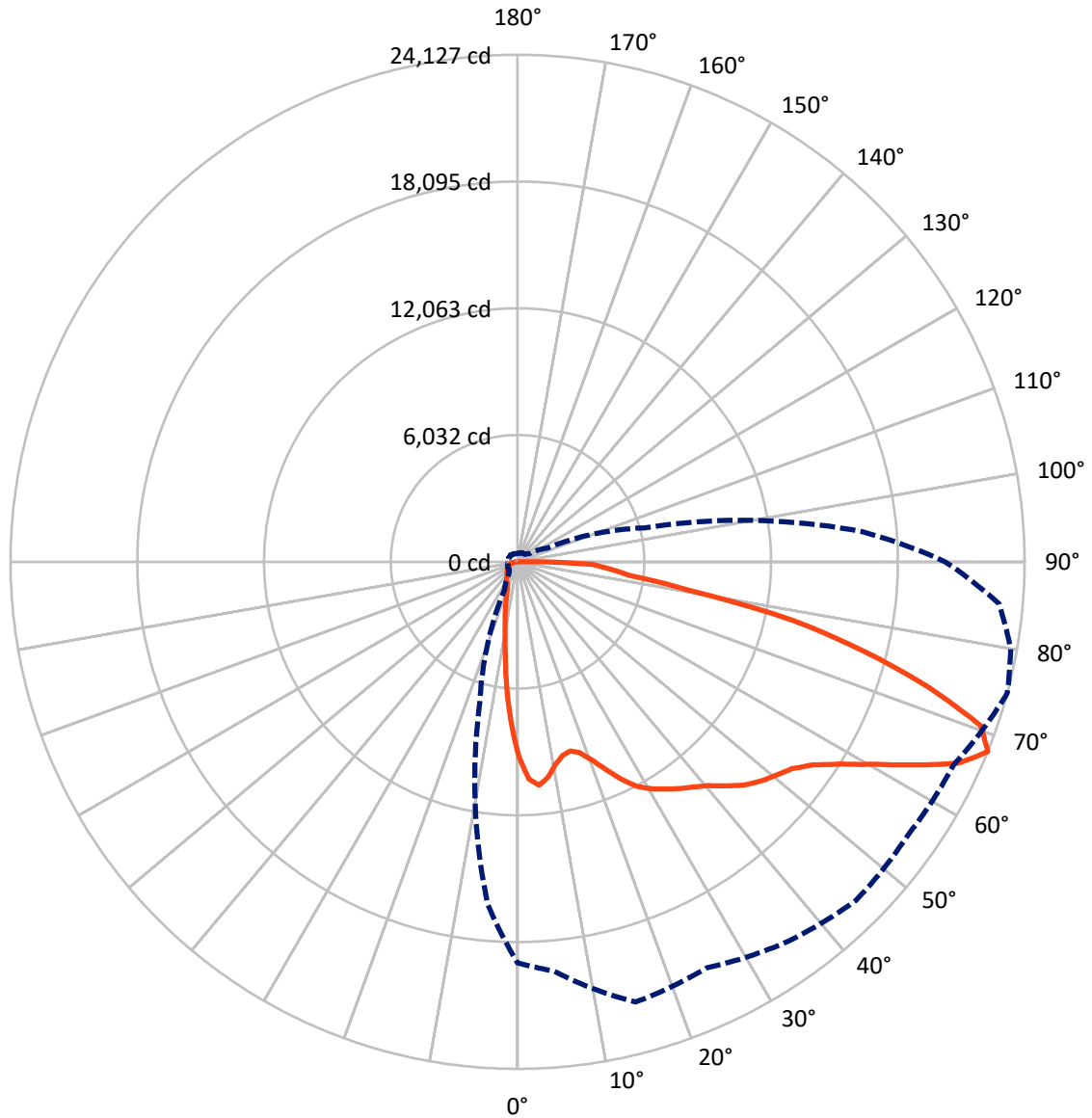
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.7 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
<b>House Side</b>	Lumens	5385.2	0.0	5385.2
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	25191.0	0.0	25191.0
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	30576.2	0.0	30576.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	718.9	2.4
10°-20°	1493.5	4.9
20°-30°	2124.1	6.9
30°-40°	3060.8	10.0
40°-50°	4313.5	14.1
50°-60°	5996.5	19.6
60°-70°	7251.6	23.7
70°-80°	4457.4	14.6
80°-90°	1159.9	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°	30576.2	100.0
0°-180°	30576.2	100.0

**Coefficient of Utilization**

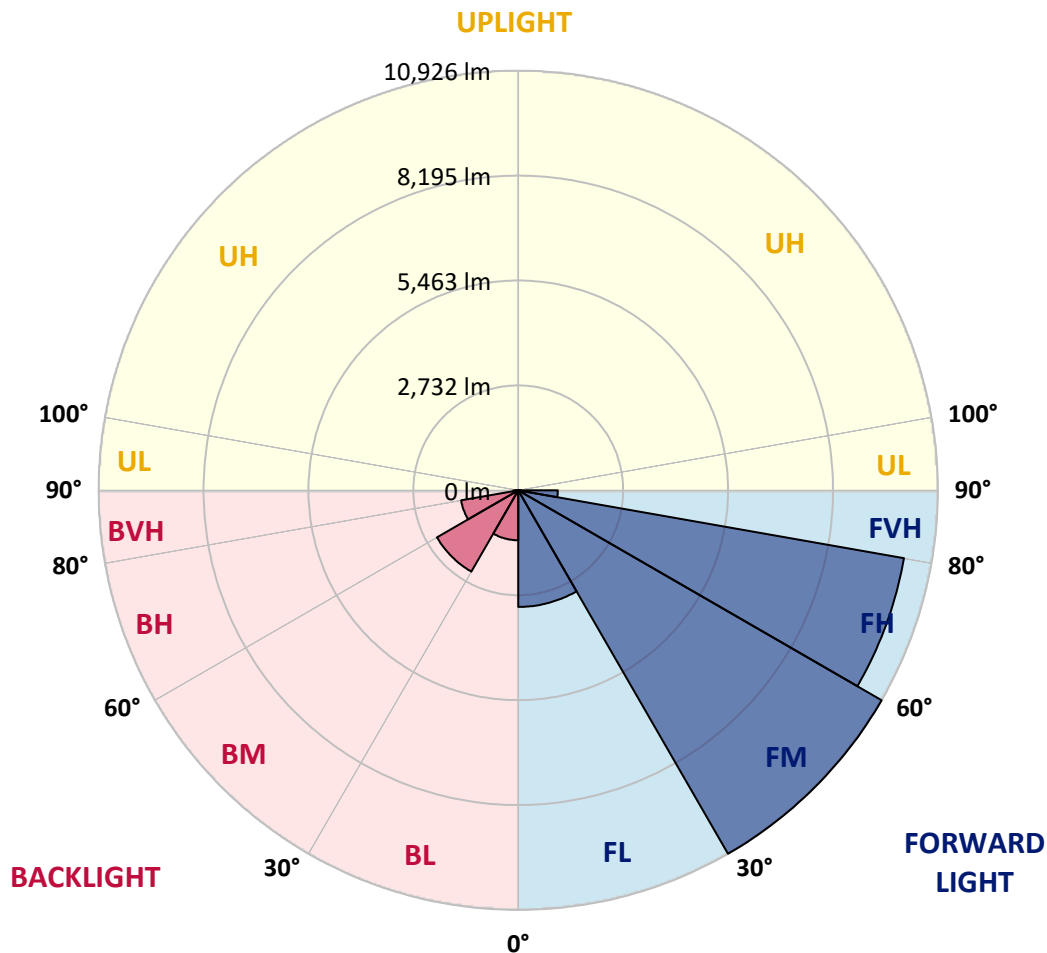


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3035.9	9.9			
FM (30°-60°)	10926.3	35.7			
FH (60°-80°)	10199.2	33.4			G4/12000
FVH (80°-90°)	1029.6	3.4			G5
BL (0°-30°)	1300.6	4.3	B3/2500		
BM (30°-60°)	2444.5	8.0	B2/2500		
BH (60°-80°)	1509.8	4.9	B3/2500		G3/2500
BVH (80°-90°)	130.3	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°	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2
2.5°	9928.9	10059.7	10150.1	10239.4	10309.1	10377.5	10477.8	10578.0	10597.6	10615.9	10576.8
5°	9870.2	10189.3	10460.6	10730.8	10981.4	11232.0	11382.4	11532.7	11563.3	11593.9	11499.8
7.5°	9238.2	9708.8	10179.5	10650.1	11081.6	11513.2	11776.0	12037.6	12097.5	12156.2	12002.2
10°	8519.4	9067.0	9645.2	10223.5	10791.9	11360.3	11740.6	12120.7	12196.6	12272.3	12080.4
12.5°	7972.9	8570.7	9188.0	9805.4	10405.6	11004.7	11398.2	11791.9	11886.0	11980.2	11840.8
15°	7762.7	8417.9	8998.6	9579.2	10102.4	10624.4	10947.2	11268.7	11307.8	11345.7	11323.7
17.5°	7972.9	8695.3	9221.0	9745.5	10030.3	10313.9	10443.5	10571.9	10614.6	10656.3	10712.4
20°	8587.8	9367.7	9738.1	10107.3	10095.1	10081.7	10019.4	9955.7	9944.7	9933.7	10092.7
22.5°	9465.5	10371.4	10519.3	10666.0	10322.5	9979.0	9770.0	9559.6	9518.1	9475.3	9644.0
25°	10496.1	11460.6	11433.7	11405.6	10751.5	10096.3	9697.8	9299.3	9252.9	9206.4	9350.6
27.5°	11617.1	12538.8	12362.8	12186.8	11298.0	10409.3	9831.1	9252.9	9206.4	9159.9	9287.1
30°	12493.5	13329.8	13047.3	12765.0	11758.9	10752.8	10065.7	9378.7	9303.0	9226.0	9382.5
32.5°	13235.6	13947.1	13568.2	13189.1	12132.9	11076.8	10333.5	9590.2	9471.7	9353.1	9562.1
35°	14008.2	14563.3	14030.2	13496.0	12466.7	11436.1	10650.1	9862.9	9717.3	9571.9	9859.2
37.5°	14877.4	15338.3	14573.0	13806.5	12841.9	11877.4	11124.4	10370.2	10221.0	10071.9	10438.6
40°	15795.5	16179.3	15158.5	14137.8	13252.8	12367.7	11780.9	11192.9	11051.0	10908.0	11353.1
42.5°	16598.6	16878.5	15703.7	14529.0	13747.9	12965.5	12552.2	12137.9	12136.7	12134.2	12585.3
45°	17203.7	17447.0	16158.5	14868.8	14230.7	13591.4	13376.2	13161.1	13333.4	13505.8	13914.1
47.5°	17706.2	17871.2	16539.9	15207.4	14783.3	14359.1	14390.8	14422.6	14773.5	15124.3	15387.1
50°	18280.7	18147.5	16885.9	15623.1	15492.3	15361.5	15647.6	15932.4	16335.8	16738.0	16916.4
52.5°	18903.0	18549.7	17355.3	16159.7	16306.5	16453.2	17035.0	17617.0	18024.0	18431.1	18498.3
55°	20021.6	19480.0	18218.4	16955.6	17238.0	17519.1	18373.7	19227.0	19544.8	19862.6	19887.1
57.5°	21281.9	20801.5	19427.4	18053.4	18356.5	18659.7	19646.2	20631.5	20975.0	21317.3	21269.7
60°	21767.2	21790.4	20575.3	19359.0	19664.6	19970.1	20931.0	21891.9	22286.7	22680.4	22575.2
62.5°	21278.2	21851.6	21202.4	20552.1	20829.6	21105.9	22047.1	22988.5	23393.1	23797.7	23614.4
65°	20311.3	20879.7	21170.6	21461.6	21553.3	21645.0	22523.9	23401.6	23712.2	24021.4	23928.5
67.5°	19081.4	19541.1	20614.4	21686.5	21501.9	21317.3	21729.3	22141.3	22460.4	22779.4	22726.9
70°	17657.3	18205.0	19636.5	21068.0	20160.9	19252.6	19082.7	18912.7	19257.5	19601.0	19388.3
72.5°	15103.6	15929.9	17456.8	18982.4	17311.3	15640.2	15059.6	14478.9	14915.3	15351.7	15013.1
75°	11408.0	12504.6	14191.6	15877.4	13883.5	11889.7	11114.7	10339.6	10714.9	11090.2	10857.9
77.5°	7933.8	9309.0	10970.4	12631.7	10604.9	8576.9	8001.1	7424.1	7536.5	7647.7	7608.6
80°	5409.4	6314.0	7473.0	8630.6	7281.0	5931.4	5976.6	6020.6	5968.1	5914.3	5992.6
82.5°	3392.3	4029.2	4924.1	5817.7	5101.3	4385.0	4795.7	5206.5	5004.7	4801.8	4877.7
85°	1910.7	2299.4	3174.7	4048.8	3773.8	3497.5	3738.3	3977.9	3665.0	3352.0	3490.1
87.5°	364.3	606.3	1756.7	2905.8	2638.0	2370.3	2059.8	1749.4	1334.9	920.6	1344.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2
2.5°	10537.7	10516.9	10496.1	10421.5	10345.7	10233.2	10140.4	9979.0	9891.0	9757.7	9624.5
5°	11404.4	11272.4	11140.3	10912.9	10684.4	10430.1	10137.9	9813.9	9569.4	9251.6	8933.7
7.5°	11848.2	11540.1	11230.7	10794.4	10356.8	9963.1	9500.9	9070.7	8703.9	8290.8	7877.5
10°	11888.5	11426.4	10963.1	10395.8	9827.4	9349.4	8817.7	8339.7	7899.5	7425.3	6949.7
12.5°	11700.2	11208.8	10716.2	10091.5	9465.5	8922.7	8350.7	7815.2	7327.5	6805.4	6282.3
15°	11301.7	10909.3	10515.7	9930.1	9344.5	8796.9	8241.9	7607.4	7056.1	6521.9	5986.4
17.5°	10767.5	10581.6	10394.6	9971.7	9547.4	9073.1	8535.2	7790.8	7145.3	6564.6	5984.0
20°	10250.4	10318.8	10386.1	10217.4	10048.7	9668.4	9199.0	8362.9	7538.9	6779.8	6019.4
22.5°	9811.5	10140.4	10468.0	10598.8	10728.4	10499.8	10133.0	9166.1	8075.6	7084.1	6092.8
25°	9493.7	10038.9	10584.1	11019.3	11453.3	11351.8	11069.4	10141.6	8787.1	7523.1	6257.8
27.5°	9414.2	10082.9	10751.5	11426.4	12100.0	12194.1	12115.8	11169.6	9635.5	8068.2	6499.9
30°	9538.9	10216.1	10892.1	11713.7	12534.0	12909.2	13014.4	12026.6	10604.9	8703.9	6801.8
32.5°	9771.2	10434.9	11098.7	11993.6	12887.2	13454.4	13789.4	12810.2	11280.9	9183.2	7084.1
35°	10146.4	10767.5	11388.4	12320.0	13251.5	13985.0	14596.2	13619.5	11881.1	9518.1	7153.8
37.5°	10804.2	11338.3	11872.6	12733.2	13592.6	14543.7	15461.7	14510.6	12530.2	9840.9	7150.2
40°	11798.0	12175.7	12552.2	13279.7	14005.8	15202.6	16442.2	15504.5	13247.8	10190.5	7133.0
42.5°	13036.4	13230.8	13423.9	13999.7	14575.5	15890.8	17332.1	16476.4	13932.4	10515.7	7098.9
45°	14321.1	14372.5	14423.9	14786.9	15148.7	16436.0	17938.4	17206.1	14530.2	10798.0	7064.6
47.5°	15648.8	15472.7	15296.7	15441.0	15585.2	16854.1	18371.2	17760.0	15130.5	11110.9	7090.3
50°	17094.9	16604.7	16114.6	16038.7	15962.9	17272.2	18881.0	18464.1	15851.7	11566.9	7282.2
52.5°	18564.3	17756.3	16948.2	16648.7	16348.0	17770.9	19557.0	19340.6	16881.0	12273.5	7664.9
55°	19911.5	18883.4	17855.3	17451.9	17048.5	18533.8	20382.2	20627.8	18200.0	13176.9	8152.6
57.5°	21220.7	20055.8	18890.8	18516.7	18142.6	19654.8	21427.4	21783.1	19532.5	14043.6	8553.6
60°	22470.1	21317.3	20163.3	19863.9	19563.1	21048.4	22556.9	22297.7	20219.5	14449.5	8678.3
62.5°	23430.9	22514.1	21597.3	21439.6	21280.6	22457.9	23424.9	22097.2	19783.2	14049.8	8316.4
65°	23835.6	23313.7	22790.4	22938.3	23085.1	23523.9	23641.3	21510.5	18411.6	12930.0	7448.5
67.5°	22673.0	22779.4	22885.8	23506.8	24126.5	23824.6	22998.2	20354.0	16459.2	11343.3	6227.2
70°	19174.3	19812.4	20449.4	21918.8	23387.0	22717.1	21275.8	18278.3	14109.7	9515.7	4920.4
72.5°	14673.3	15390.8	16107.2	18288.0	20467.7	19850.3	18085.2	15013.1	11312.7	7598.8	3883.8
75°	10624.4	11434.9	12244.2	14650.0	17055.8	16198.9	13527.7	10749.1	8592.7	5800.6	3007.2
77.5°	7568.3	8111.1	8653.8	11030.3	13405.5	12009.5	9004.7	7233.3	5947.3	4031.6	2114.9
80°	6070.8	5904.5	5738.2	7062.2	8386.1	8153.8	5955.8	4645.3	4116.0	2701.7	1287.2
82.5°	4952.2	4546.3	4140.4	4763.9	5387.4	5353.1	4133.2	3408.3	3063.5	1877.7	692.0
85°	3627.1	3464.4	3301.9	3853.3	4404.5	3933.9	2799.5	2166.2	2388.7	1382.6	376.5
87.5°	1768.9	2020.7	2271.3	2921.7	3570.8	2680.9	849.6	420.5	581.9	382.6	182.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383507  
 CATALOG NUMBER: GAN-SA8A-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: P383507

CATALOG NUMBER: GAN-SA8A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2
2.5°	9525.4	9425.2	9311.5	9197.8	9068.2	8937.5	8860.4	8782.2	8697.9	8613.5	8518.2
5°	8723.5	8513.2	8274.8	8036.5	7800.5	7564.6	7437.5	7310.3	7175.9	7040.2	6922.8
7.5°	7571.9	7265.1	6935.0	6603.7	6310.4	6015.7	5833.6	5650.2	5484.0	5316.5	5176.0
10°	6558.6	6167.3	5836.1	5503.5	5282.2	5061.0	4893.5	4726.0	4564.7	4402.1	4246.8
12.5°	5891.0	5499.9	5289.6	5079.4	4895.9	4712.6	4519.5	4325.1	4103.8	3881.3	3718.7
15°	5630.6	5274.9	5041.4	4806.7	4561.0	4314.1	4076.9	3839.7	3578.2	3316.6	3132.0
17.5°	5518.2	5052.4	4726.0	4398.4	4074.5	3750.5	3475.5	3200.4	2914.3	2628.3	2441.3
20°	5399.6	4779.9	4342.2	3903.4	3487.7	3072.1	2760.4	2448.6	2193.1	1937.6	1794.5
22.5°	5292.0	4490.2	3941.2	3391.1	2899.7	2408.2	2102.6	1795.8	1639.3	1482.8	1425.4
25°	5248.1	4237.1	3562.2	2887.4	2369.1	1849.6	1632.0	1414.4	1354.5	1293.4	1264.0
27.5°	5255.4	4010.9	3243.2	2474.3	2007.3	1540.3	1391.2	1242.0	1205.3	1167.4	1149.2
30°	5283.5	3765.2	2942.5	2119.7	1734.6	1349.6	1253.0	1155.2	1116.1	1077.0	1053.8
32.5°	5315.3	3545.2	2710.2	1874.0	1559.9	1244.5	1165.0	1084.3	1046.4	1008.5	985.3
35°	5260.3	3365.4	2551.3	1737.1	1447.4	1156.4	1089.3	1020.8	979.1	937.6	915.6
37.5°	5167.4	3184.5	2427.8	1669.9	1374.0	1077.0	1028.1	977.9	935.2	891.2	870.4
40°	5083.0	3031.7	2336.1	1639.3	1333.7	1026.8	985.3	943.8	899.7	854.5	830.0
42.5°	5014.5	2929.1	2245.7	1562.3	1297.0	1030.6	971.9	912.0	869.1	826.4	799.5
45°	4963.2	2861.8	2174.8	1487.8	1262.8	1037.8	963.3	888.7	845.9	802.0	770.1
47.5°	4958.3	2826.3	2124.7	1422.9	1198.0	971.9	941.3	910.8	848.4	784.8	748.1
50°	5025.5	2768.8	2066.0	1361.8	1135.6	909.5	951.1	991.4	885.1	777.5	731.1
52.5°	5166.2	2667.4	1973.0	1278.7	1059.9	839.8	904.6	968.2	876.5	783.6	723.7
55°	5336.1	2518.3	1832.4	1145.4	959.7	772.6	830.0	886.3	828.8	770.1	698.0
57.5°	5442.4	2330.0	1655.2	980.5	847.1	713.9	746.9	778.7	755.5	732.3	658.9
60°	5378.8	2079.4	1455.9	831.3	748.1	665.0	658.9	651.6	685.8	720.0	635.7
62.5°	5068.4	1820.2	1279.9	739.6	677.2	613.7	600.2	585.6	641.8	696.8	607.6
65°	4543.9	1639.3	1168.7	698.0	628.3	558.6	544.0	529.3	546.4	563.6	521.9
67.5°	3877.7	1528.1	1105.1	682.2	597.8	512.3	495.1	478.0	474.3	470.6	456.0
70°	3190.6	1459.6	1063.5	667.5	564.8	460.8	445.0	429.1	424.2	418.1	407.1
72.5°	2667.4	1451.1	1058.6	666.2	537.9	409.5	394.9	380.2	374.1	366.8	358.2
75°	2184.6	1361.8	1004.9	647.9	501.2	353.3	339.8	326.4	321.5	315.4	308.1
77.5°	1621.0	1127.1	844.7	562.4	429.1	295.9	282.4	267.7	266.5	264.1	257.9
80°	1051.3	815.4	603.9	392.4	312.9	232.2	221.2	209.0	210.3	211.5	206.6
82.5°	584.4	475.6	369.2	262.8	214.0	165.1	160.1	154.0	157.7	160.1	154.0
85°	308.1	239.6	198.0	156.5	123.4	90.5	90.5	89.2	94.1	99.0	94.1
87.5°	133.2	84.3	72.1	58.7	33.0	6.1	7.4	7.4	9.8	12.2	11.0
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



REPORT NUMBER: P383507  
 CATALOG NUMBER: GAN-SA8A-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: P383507  
 CATALOG NUMBER: GAN-SA8A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2
2.5°	8421.6	8332.3	8241.9	8142.8	8161.2	8085.4	8009.6	7961.9	7914.2	7899.5	7884.9
5°	6805.4	6704.0	6601.3	6509.7	6589.1	6535.3	6481.5	6474.2	6465.6	6465.6	6464.4
7.5°	5035.3	4926.5	4816.5	4740.7	4819.0	4809.2	4799.4	4852.0	4904.5	4947.4	4988.9
10°	4091.5	3959.5	3826.3	3713.8	3694.3	3638.1	3580.6	3592.8	3603.8	3650.3	3696.8
12.5°	3556.2	3398.5	3240.8	3108.8	3048.9	2955.9	2861.8	2803.1	2744.4	2750.6	2755.4
15°	2946.1	2793.3	2639.3	2525.6	2487.7	2415.6	2343.5	2270.1	2195.6	2165.0	2133.2
17.5°	2253.0	2130.7	2007.3	1931.5	1931.5	1910.7	1889.9	1853.2	1815.4	1784.8	1753.0
20°	1651.5	1586.8	1520.8	1489.0	1498.8	1500.0	1500.0	1518.3	1536.7	1526.9	1517.1
22.5°	1366.7	1343.5	1320.3	1306.8	1311.7	1312.9	1314.1	1331.3	1347.1	1359.4	1370.4
25°	1233.5	1218.8	1204.1	1199.3	1210.3	1211.5	1211.5	1222.5	1233.5	1245.7	1258.0
27.5°	1129.6	1123.4	1117.3	1108.8	1119.8	1119.8	1118.5	1130.8	1141.8	1152.8	1162.6
30°	1030.6	1033.0	1034.2	1031.8	1039.0	1044.0	1047.6	1056.2	1063.5	1072.1	1080.7
32.5°	960.9	957.2	953.5	951.1	966.9	975.5	984.1	992.7	1000.0	1003.6	1007.3
35°	893.6	885.1	876.5	870.4	885.1	896.1	907.0	923.0	937.6	940.1	942.5
37.5°	848.4	837.4	826.4	819.0	825.2	830.0	834.9	852.1	869.1	878.9	887.5
40°	805.6	794.6	783.6	777.5	781.2	782.4	783.6	792.2	799.5	817.8	834.9
42.5°	771.4	757.9	744.5	737.1	739.6	742.1	743.3	742.1	740.9	757.9	775.0
45°	737.1	722.5	707.8	699.2	700.4	700.4	700.4	698.0	694.4	702.9	711.5
47.5°	710.2	693.2	676.0	667.5	665.0	662.6	660.1	658.9	656.5	662.6	667.5
50°	683.4	665.0	645.5	635.7	629.5	627.1	624.7	623.5	621.0	627.1	632.1
52.5°	662.6	640.5	618.5	602.7	596.6	592.9	589.2	590.4	590.4	592.9	594.1
55°	625.9	606.3	585.6	574.6	563.6	561.1	558.6	562.4	564.8	564.8	564.8
57.5°	585.6	567.2	547.7	540.3	530.5	530.5	529.3	534.2	537.9	540.3	542.8
60°	550.1	529.3	508.5	502.5	498.8	497.5	496.3	502.5	507.3	512.3	517.1
62.5°	517.1	495.1	473.1	465.8	464.6	465.8	465.8	471.8	476.8	481.6	486.5
65°	480.4	458.4	435.2	427.9	430.3	434.0	437.6	442.6	446.2	451.1	456.0
67.5°	440.1	421.7	402.1	394.9	396.1	400.9	405.9	409.5	411.9	416.9	421.7
70°	396.1	380.2	364.3	359.4	358.2	364.3	369.2	371.6	374.1	380.2	385.1
72.5°	348.4	335.0	321.5	317.8	319.1	322.7	326.4	330.0	332.5	338.6	343.6
75°	299.5	287.3	275.1	272.6	275.1	278.7	282.4	284.9	287.3	294.6	300.7
77.5°	251.8	238.4	223.7	222.5	226.2	229.8	232.2	236.0	239.6	249.4	259.2
80°	201.7	187.1	171.1	169.9	173.5	177.3	180.9	184.6	188.3	200.5	211.5
82.5°	147.9	130.8	113.6	111.2	123.4	127.2	130.8	136.9	141.8	152.8	163.8
85°	89.2	72.1	55.1	53.8	64.8	70.9	77.0	84.3	90.5	100.2	110.0
87.5°	9.8	4.8	0.0	0.0	1.2	6.1	11.0	17.1	23.2	33.0	41.5
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: P383507  
 CATALOG NUMBER: GAN-SA8A-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: P383507

CATALOG NUMBER: GAN-SA8A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2
2.5°	7831.1	7776.1	7832.4	7887.3	7910.6	7933.8	7873.9	7812.8	7908.1	8002.3	8026.7
5°	6415.5	6365.4	6403.3	6440.0	6358.0	6276.1	6267.5	6257.8	6328.7	6399.6	6410.6
7.5°	4973.0	4957.1	4992.5	5028.0	4924.1	4819.0	4767.6	4716.2	4733.4	4750.5	4748.1
10°	3707.7	3717.5	3761.5	3804.3	3723.6	3642.9	3607.5	3572.0	3611.1	3649.1	3684.6
12.5°	2777.4	2798.2	2844.7	2889.9	2856.9	2822.7	2826.3	2830.0	2875.2	2919.3	2958.4
15°	2157.7	2182.1	2215.1	2246.9	2248.1	2248.1	2279.9	2310.4	2306.8	2303.2	2330.0
17.5°	1786.1	1817.8	1821.5	1825.2	1826.4	1827.6	1825.2	1822.7	1804.3	1786.1	1806.8
20°	1529.3	1540.3	1550.1	1558.7	1547.7	1535.4	1504.8	1474.3	1462.1	1449.9	1469.4
22.5°	1391.2	1410.7	1401.0	1390.0	1368.0	1344.7	1321.5	1297.0	1295.8	1293.4	1304.4
25°	1275.0	1290.9	1273.8	1256.7	1240.8	1224.9	1209.1	1193.1	1191.9	1190.7	1195.5
27.5°	1178.5	1193.1	1177.2	1161.4	1147.9	1134.4	1122.2	1110.0	1107.5	1105.1	1106.3
30°	1095.3	1108.8	1095.3	1080.7	1070.9	1059.9	1051.3	1042.8	1041.6	1040.4	1040.4
32.5°	1020.8	1034.2	1024.4	1014.6	1006.1	997.5	991.4	985.3	979.1	973.1	959.7
35°	956.0	969.4	963.3	956.0	946.2	936.4	925.4	913.2	897.3	880.2	872.9
37.5°	901.0	914.4	908.3	902.2	888.7	875.3	855.7	834.9	830.0	824.0	822.7
40°	856.9	877.7	865.5	852.1	831.3	810.5	800.8	791.0	788.5	786.0	783.6
42.5°	808.0	839.8	817.8	795.8	776.3	756.7	754.3	751.9	750.5	749.3	749.3
45°	746.9	781.2	759.1	735.9	724.9	713.9	713.9	713.9	715.1	715.1	717.6
47.5°	689.4	710.2	699.2	688.2	682.2	676.0	677.2	678.4	682.2	684.6	690.6
50°	640.5	647.9	650.3	651.6	647.9	644.3	646.7	647.9	651.6	654.0	658.9
52.5°	605.1	616.1	616.1	614.9	614.9	614.9	617.3	619.8	623.5	627.1	632.1
55°	581.9	597.8	592.9	588.0	589.2	589.2	591.7	594.1	597.8	600.2	607.6
57.5°	559.9	577.0	572.2	567.2	567.2	567.2	568.4	569.6	573.4	575.8	580.6
60°	534.2	551.3	546.4	540.3	541.5	542.8	544.0	544.0	546.4	547.7	547.7
62.5°	503.7	520.7	515.9	509.7	513.5	515.9	515.9	515.9	518.3	519.5	515.9
65°	471.8	487.8	482.9	478.0	482.9	486.5	489.0	490.2	489.0	487.8	484.1
67.5°	437.6	453.6	448.6	442.6	448.6	453.6	458.4	462.0	458.4	454.8	449.8
70°	400.9	416.9	410.7	404.7	410.7	416.9	421.7	426.6	421.7	416.9	415.7
72.5°	361.8	380.2	372.8	365.5	372.8	380.2	382.6	385.1	381.4	377.7	375.3
75°	319.1	337.4	331.3	324.0	330.0	336.2	337.4	338.6	338.6	337.4	330.0
77.5°	273.9	288.5	284.9	281.1	284.9	288.5	288.5	288.5	289.7	289.7	279.9
80°	220.0	228.6	229.8	231.0	232.2	233.4	232.2	231.0	228.6	226.2	220.0
82.5°	163.8	163.8	173.5	182.1	182.1	180.9	179.7	177.3	172.3	166.3	152.8
85°	103.9	97.8	113.6	128.4	128.4	127.2	124.7	121.0	111.2	100.2	89.2
87.5°	35.5	29.3	45.3	61.1	62.3	62.3	59.9	57.5	47.7	36.7	28.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383507  
 CATALOG NUMBER: GAN-SA8A-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: P383507

CATALOG NUMBER: GAN-SA8A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2
2.5°	8063.4	8079.3	8093.9	8213.7	8332.3	8471.7	8611.0	8717.4	8822.5	8931.3	9040.1
5°	6448.5	6468.0	6487.6	6633.1	6777.4	6971.7	7166.1	7333.6	7501.0	7697.8	7894.7
7.5°	4779.9	4822.6	4864.2	5019.5	5173.4	5382.5	5590.3	5809.1	6026.7	6283.5	6540.2
10°	3754.2	3834.9	3914.4	4073.3	4232.2	4438.7	4644.1	4872.7	5101.3	5354.3	5606.2
12.5°	3039.1	3146.6	3253.0	3443.7	3634.4	3881.3	4127.0	4381.3	4634.4	4856.8	5079.4
15°	2400.9	2518.3	2634.4	2836.1	3037.9	3309.2	3579.4	3856.9	4133.2	4399.6	4666.1
17.5°	1872.8	1969.4	2064.8	2235.9	2405.8	2668.6	2931.5	3222.4	3513.3	3838.5	4162.5
20°	1511.0	1551.3	1591.6	1715.1	1837.4	2051.3	2264.0	2561.1	2858.1	3246.9	3635.6
22.5°	1323.9	1344.7	1364.3	1424.1	1482.8	1621.0	1757.9	2020.7	2282.4	2706.5	3129.5
25°	1211.5	1227.3	1243.2	1282.4	1321.5	1387.5	1453.5	1638.1	1822.7	2239.5	2655.2
27.5°	1110.0	1134.4	1157.6	1176.0	1193.1	1238.4	1282.4	1403.4	1524.4	1913.1	2300.6
30°	1036.6	1045.2	1053.8	1081.9	1108.8	1155.2	1201.7	1286.0	1370.4	1699.2	2026.9
32.5°	951.1	963.3	975.5	1004.9	1034.2	1077.0	1119.8	1188.2	1255.4	1536.7	1816.6
35°	874.1	886.3	898.5	927.8	956.0	1002.4	1047.6	1105.1	1161.4	1405.8	1650.3
37.5°	826.4	838.6	850.9	876.5	901.0	947.4	992.7	1037.8	1081.9	1308.1	1534.2
40°	786.0	798.2	810.5	834.9	858.1	903.4	947.4	985.3	1023.2	1234.7	1446.1
42.5°	750.5	764.1	777.5	802.0	825.2	865.5	905.8	956.0	1004.9	1171.1	1336.1
45°	721.3	734.7	746.9	773.8	800.8	839.8	878.9	948.6	1018.3	1138.1	1258.0
47.5°	694.4	709.0	722.5	751.9	781.2	830.0	877.7	936.4	993.9	1112.5	1231.0
50°	668.7	685.8	702.9	738.3	772.6	854.5	935.2	943.8	951.1	1091.7	1231.0
52.5°	644.3	663.8	683.4	727.4	770.1	865.5	960.9	930.3	898.5	1052.6	1206.5
55°	619.8	636.9	652.8	706.6	760.3	830.0	899.7	859.4	817.8	979.1	1140.6
57.5°	586.8	605.1	622.3	679.7	737.1	786.0	833.7	797.0	759.1	896.1	1031.8
60°	552.6	573.4	594.1	667.5	739.6	731.1	721.3	713.9	705.4	803.2	901.0
62.5°	521.9	544.0	566.0	661.4	756.7	698.0	639.3	645.5	650.3	722.5	794.6
65°	491.4	513.5	534.2	581.9	629.5	606.3	583.1	592.9	601.4	672.4	743.3
67.5°	457.2	476.8	495.1	511.0	526.9	529.3	531.7	541.5	551.3	635.7	718.8
70°	419.3	435.2	451.1	462.0	471.8	476.8	480.4	492.7	504.9	596.6	688.2
72.5°	376.5	389.9	402.1	411.9	421.7	425.4	427.9	440.1	452.3	550.1	647.9
75°	330.0	341.0	350.8	359.4	368.0	372.8	377.7	386.3	394.9	501.2	606.3
77.5°	278.7	289.7	299.5	306.9	312.9	317.8	321.5	332.5	343.6	432.8	520.7
80°	217.6	231.0	243.2	249.4	254.3	255.5	255.5	265.3	275.1	338.6	400.9
82.5°	154.0	168.7	182.1	187.1	191.9	191.9	191.9	202.9	214.0	256.7	298.3
85°	90.5	106.4	121.0	125.9	130.8	133.2	134.5	139.4	143.0	173.5	202.9
87.5°	28.1	41.5	53.8	56.3	58.7	63.5	68.5	69.7	69.7	90.5	111.2
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



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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: P383507

CATALOG NUMBER: GAN-SA8A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2	9315.2
2.5°	9164.8	9289.5	9435.0	9579.2	9702.7	9826.2	9928.9
5°	8145.3	8395.9	8702.7	9008.3	9280.9	9553.6	9870.2
7.5°	6864.1	7188.1	7585.4	7982.7	8367.8	8751.6	9238.2
10°	5936.3	6265.1	6685.6	7105.0	7537.7	7969.2	8519.4
12.5°	5347.1	5613.6	6020.6	6427.7	6936.3	7443.6	7972.9
15°	4958.3	5249.3	5645.4	6041.5	6597.7	7153.8	7762.7
17.5°	4543.9	4924.1	5431.4	5938.7	6597.7	7255.4	7972.9
20°	4109.9	4583.0	5240.7	5898.4	6785.9	7672.2	8587.8
22.5°	3677.2	4224.8	5068.4	5910.6	7070.7	8229.7	9465.5
25°	3287.2	3919.2	4963.2	6006.0	7485.2	8963.1	10496.1
27.5°	2991.4	3680.8	4920.4	6158.7	8010.8	9862.9	11617.1
30°	2728.5	3430.2	4869.1	6307.9	8517.0	10724.7	12493.5
32.5°	2501.2	3185.7	4770.1	6353.2	8870.2	11387.2	13235.6
35°	2322.7	2995.0	4603.8	6212.6	9091.4	11970.4	14008.2
37.5°	2168.6	2803.1	4414.3	6025.5	9288.3	12551.0	14877.4
40°	2021.9	2597.7	4251.8	5904.5	9559.6	13214.8	15795.5
42.5°	1882.6	2429.0	4120.9	5812.9	9811.5	13809.0	16598.6
45°	1778.7	2299.4	4004.8	5708.9	9974.1	14239.3	17203.7
47.5°	1727.4	2222.5	3942.4	5661.2	10136.6	14610.9	17706.2
50°	1720.0	2209.0	4013.4	5817.7	10488.8	15158.5	18280.7
52.5°	1718.8	2231.0	4217.5	6204.0	11142.8	16080.3	18903.0
55°	1693.1	2244.5	4460.8	6675.8	12020.5	17363.9	20021.6
57.5°	1614.8	2198.0	4711.4	7223.5	12948.3	18671.9	21281.9
60°	1493.8	2085.5	4918.0	7749.2	13571.8	19393.1	21767.2
62.5°	1342.3	1888.7	4986.4	8082.9	13554.7	19026.4	21278.2
65°	1212.7	1682.1	4761.5	7839.6	12868.9	17896.9	20311.3
67.5°	1097.7	1475.5	4199.1	6921.6	11635.4	16348.0	19081.4
70°	1014.6	1339.8	3474.2	5608.7	10091.5	14573.0	17657.3
72.5°	962.1	1275.0	2832.5	4388.6	8189.3	11988.7	15103.6
75°	890.0	1173.6	2222.5	3270.1	6267.5	9265.1	11408.0
77.5°	755.5	988.9	1674.7	2360.5	4599.0	6836.0	7933.8
80°	583.1	764.1	1151.6	1539.1	3164.9	4790.9	5409.4
82.5°	415.7	533.0	698.0	863.1	2102.6	3341.0	3392.3
85°	256.7	310.5	399.7	489.0	1391.2	2293.4	1910.7
87.5°	138.1	165.1	211.5	256.7	445.0	633.3	364.3
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: P383507  
CATALOG NUMBER: GAN-SA8A-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)