

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: P383059

Luminaire Tested: **GAN-SA4A-735-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P383059  
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-SA4A-735-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 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: 15389.2 lumens  
Efficiency: N/A  
Efficacy: 119.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B2 - U0 - G4

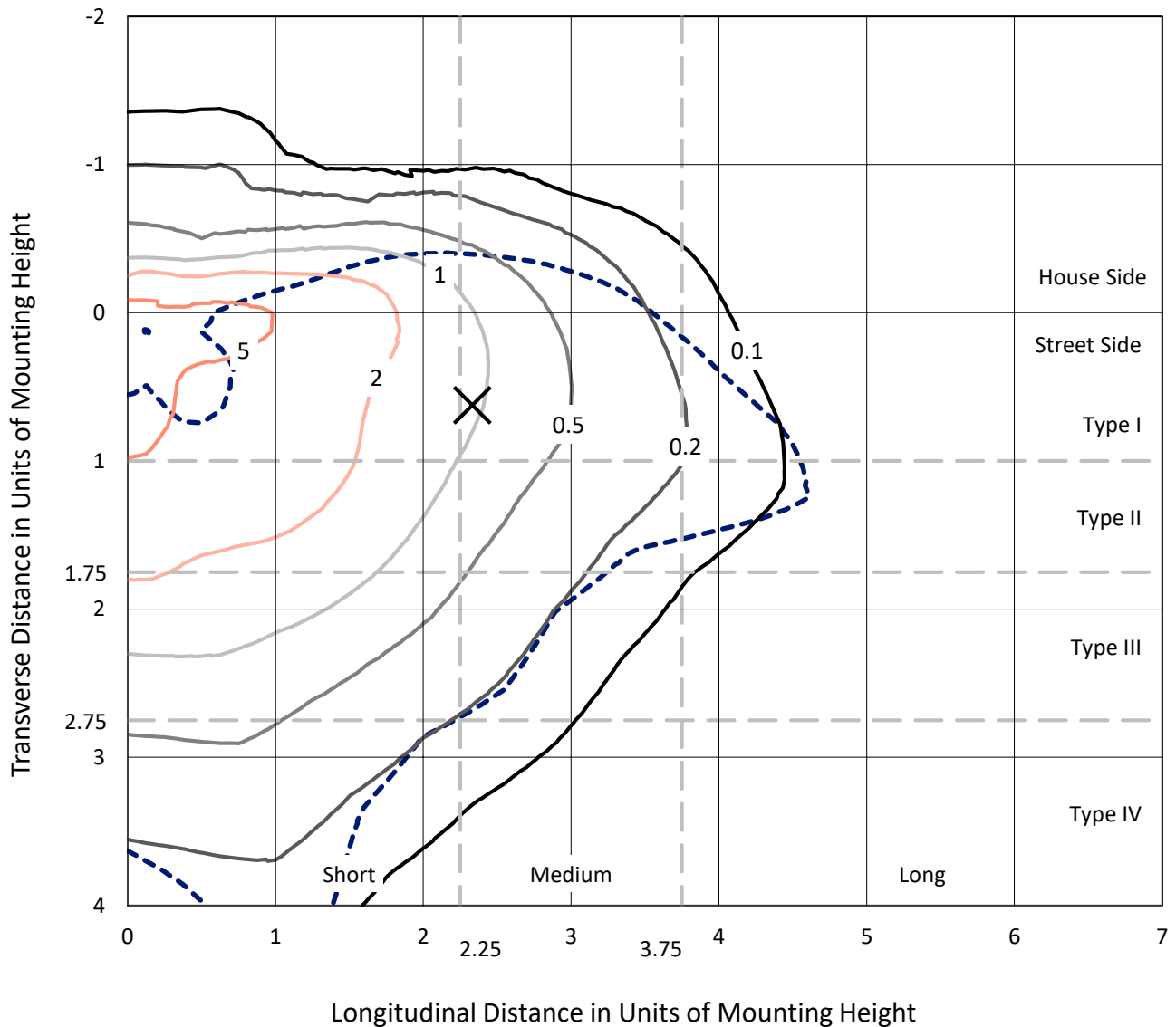
Input Watts (W): 129  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

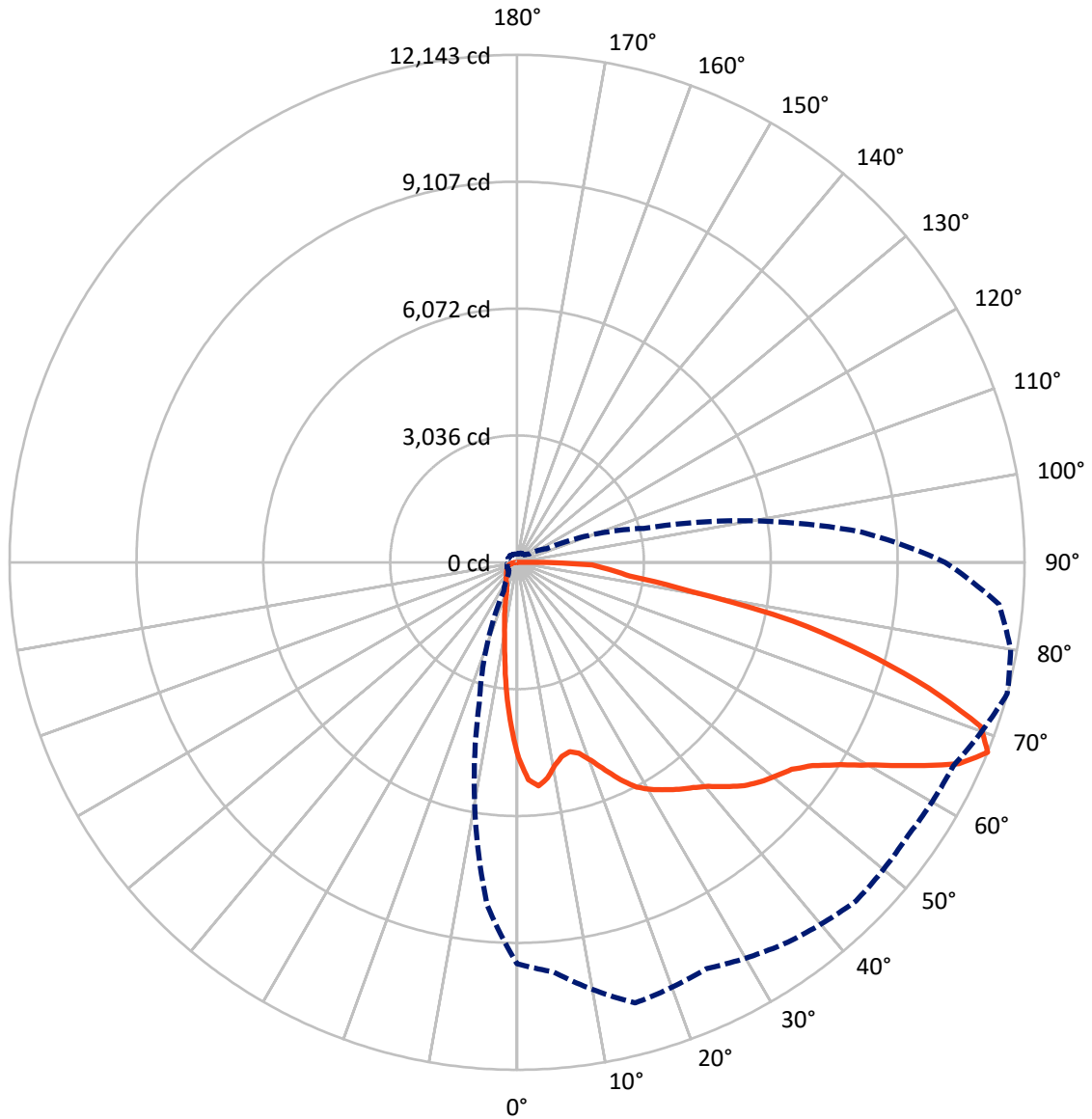
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.4 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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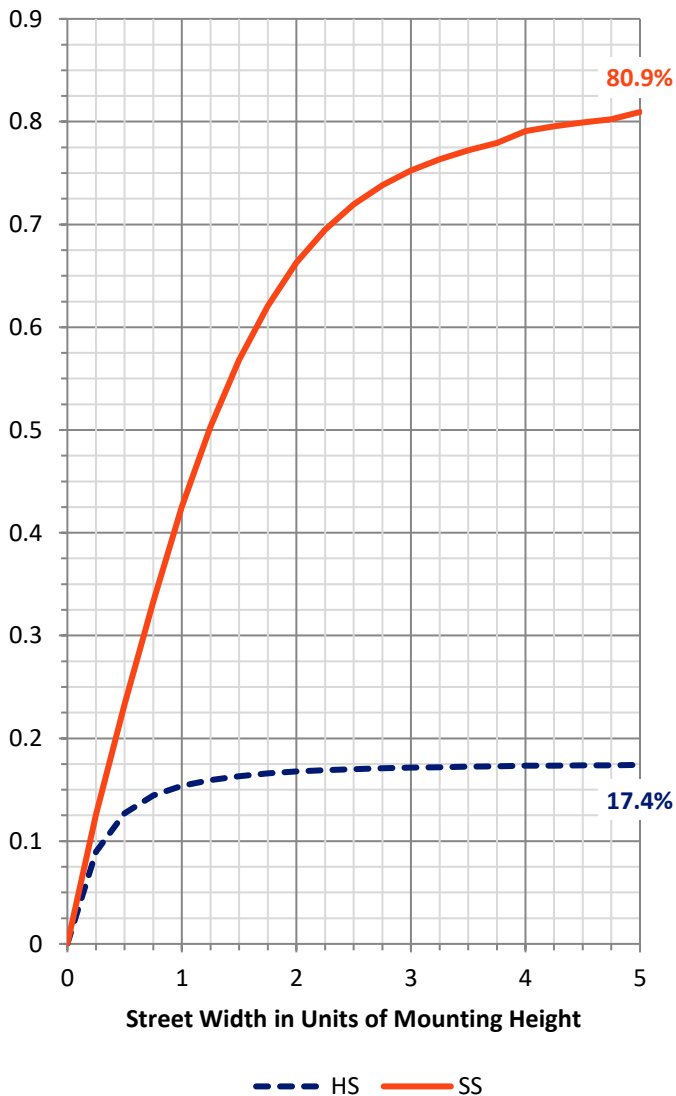
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2710.4	0.0	2710.4
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	12678.8	0.0	12678.8
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	15389.2	0.0	15389.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	361.8	2.4
10°-20°	751.7	4.9
20°-30°	1069.1	6.9
30°-40°	1540.5	10.0
40°-50°	2171.0	14.1
50°-60°	3018.1	19.6
60°-70°	3649.8	23.7
70°-80°	2243.5	14.6
80°-90°	583.8	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°	15389.2	100.0
0°-180°	15389.2	100.0

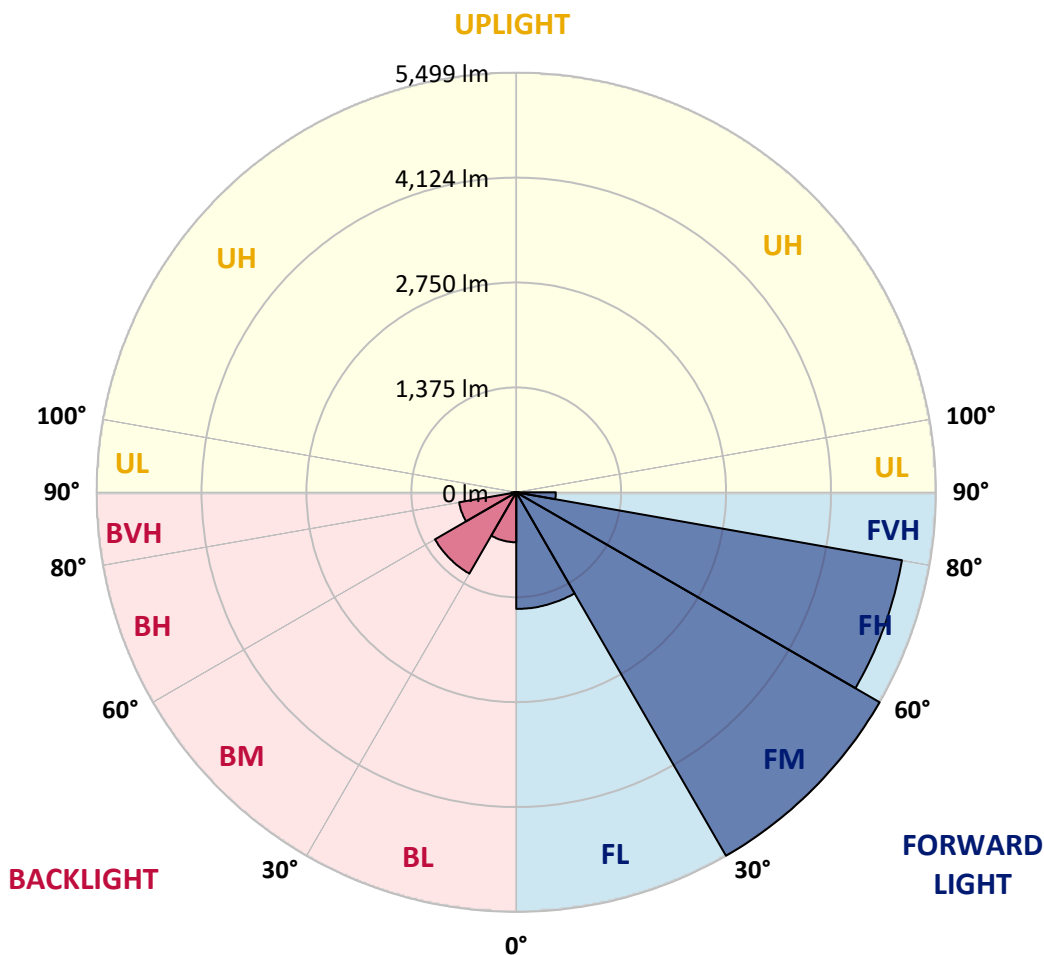


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1528.0	9.9			
FM (30°-60°)	5499.3	35.7			
FH (60°-80°)	5133.3	33.4			G3/7500
FVH (80°-90°)	518.2	3.4			G4/750
BL (0°-30°)	654.6	4.3	B2/1000		
BM (30°-60°)	1230.3	8.0	B2/2500		
BH (60°-80°)	759.9	4.9	B2/1000		G2/1000
BVH (80°-90°)	65.6	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G4**  
 Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	4997.3	5063.1	5108.6	5153.5	5188.6	5223.1	5273.5	5324.0	5333.8	5343.1	5323.3
5°	4967.8	5128.3	5264.9	5400.8	5527.0	5653.1	5728.8	5804.5	5819.8	5835.2	5787.9
7.5°	4649.6	4886.5	5123.4	5360.2	5577.5	5794.6	5927.0	6058.6	6088.8	6118.3	6040.7
10°	4287.8	4563.5	4854.5	5145.5	5431.7	5717.7	5909.1	6100.4	6138.6	6176.7	6080.1
12.5°	4012.8	4313.7	4624.4	4935.1	5237.2	5538.7	5736.8	5934.9	5982.3	6029.7	5959.6
15°	3907.0	4236.8	4529.0	4821.3	5084.6	5347.4	5509.7	5671.6	5691.3	5710.4	5699.3
17.5°	4012.8	4376.4	4641.0	4905.0	5048.3	5191.0	5256.3	5320.9	5342.4	5363.3	5391.6
20°	4322.3	4714.8	4901.2	5087.1	5080.9	5074.1	5042.7	5010.8	5005.2	4999.7	5079.7
22.5°	4764.0	5220.0	5294.5	5368.2	5195.3	5022.4	4917.3	4811.4	4790.5	4769.0	4853.9
25°	5282.7	5768.1	5754.6	5740.5	5411.4	5081.5	4880.9	4680.4	4657.0	4633.6	4706.2
27.5°	5847.0	6310.9	6222.3	6133.7	5686.4	5239.0	4948.0	4657.0	4633.6	4610.2	4674.2
30°	6288.1	6708.9	6566.9	6424.7	5918.3	5411.9	5066.1	4720.3	4682.2	4643.5	4722.2
32.5°	6661.6	7019.7	6828.9	6638.2	6106.6	5575.0	5200.9	4826.8	4767.1	4707.5	4812.7
35°	7050.4	7329.8	7061.5	6792.7	6274.5	5755.8	5360.2	4964.0	4890.8	4817.6	4962.2
37.5°	7487.9	7719.8	7334.6	6948.9	6463.4	5978.0	5599.0	5219.4	5144.3	5069.2	5253.8
40°	7949.9	8143.1	7629.4	7115.6	6670.2	6224.7	5929.4	5633.4	5562.1	5490.1	5714.0
42.5°	8354.2	8495.1	7903.8	7312.6	6919.3	6525.6	6317.7	6109.1	6108.4	6107.2	6334.2
45°	8658.7	8781.1	8132.7	7483.6	7162.4	6840.6	6732.3	6624.0	6710.8	6797.5	7003.0
47.5°	8911.7	8994.7	8324.7	7654.0	7440.5	7227.0	7243.0	7259.0	7435.6	7612.1	7744.4
50°	9200.8	9133.7	8498.8	7863.2	7797.3	7731.6	7875.5	8018.9	8221.9	8424.4	8514.2
52.5°	9514.0	9336.2	8735.0	8133.3	8207.1	8281.0	8573.9	8866.7	9071.6	9276.4	9310.4
55°	10076.9	9804.4	9169.4	8533.8	8676.0	8817.5	9247.6	9677.0	9837.0	9997.0	10009.3
57.5°	10711.3	10469.5	9777.9	9086.3	9238.9	9391.5	9888.1	10384.0	10556.9	10729.1	10705.2
60°	10955.6	10967.2	10355.6	9743.4	9897.3	10051.1	10534.7	11018.3	11217.0	11415.2	11362.3
62.5°	10709.4	10998.0	10671.3	10344.0	10483.6	10622.7	11096.4	11570.2	11773.8	11977.6	11885.2
65°	10222.8	10508.9	10655.3	10801.8	10847.9	10894.0	11336.4	11778.2	11934.4	12090.1	12043.3
67.5°	9603.8	9835.2	10375.4	10914.9	10822.1	10729.1	10936.5	11143.8	11304.4	11465.0	11438.6
70°	8887.0	9162.6	9883.2	10603.6	10147.1	9690.0	9604.4	9518.9	9692.4	9865.3	9758.2
72.5°	7601.7	8017.6	8786.1	9554.0	8712.9	7871.8	7579.5	7287.3	7507.0	7726.6	7556.2
75°	5741.7	6293.6	7142.7	7991.2	6987.6	5984.2	5594.0	5204.0	5392.9	5581.7	5464.8
77.5°	3993.1	4685.3	5521.5	6357.6	5337.5	4316.8	4027.0	3736.5	3793.2	3849.2	3829.5
80°	2722.5	3177.9	3761.1	4343.8	3664.5	2985.3	3008.1	3030.2	3003.8	2976.7	3016.1
82.5°	1707.3	2028.0	2478.3	2928.0	2567.5	2207.0	2413.7	2620.4	2518.9	2416.8	2454.9
85°	961.6	1157.4	1597.9	2037.8	1899.3	1760.3	1881.5	2002.1	1844.6	1687.0	1756.6
87.5°	183.3	305.2	884.1	1462.5	1327.7	1193.0	1036.7	880.5	671.8	463.3	676.8
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°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	5303.7	5293.2	5282.7	5245.2	5207.1	5150.4	5103.7	5022.4	4978.2	4911.1	4844.0
5°	5739.9	5673.4	5607.0	5492.5	5377.5	5249.6	5102.5	4939.4	4816.4	4656.4	4496.4
7.5°	5963.2	5808.2	5652.5	5432.9	5212.6	5014.5	4781.9	4565.3	4380.8	4172.8	3964.9
10°	5983.5	5751.0	5517.7	5232.3	4946.1	4705.6	4438.0	4197.4	3975.9	3737.2	3497.9
12.5°	5888.8	5641.5	5393.5	5079.1	4764.0	4490.9	4203.0	3933.5	3687.9	3425.2	3161.9
15°	5688.2	5490.7	5292.6	4997.8	4703.1	4427.5	4148.2	3828.8	3551.3	3282.5	3013.0
17.5°	5419.4	5325.8	5231.7	5018.8	4805.3	4566.5	4295.8	3921.2	3596.2	3304.0	3011.8
20°	5159.1	5193.6	5227.4	5142.4	5057.6	4866.2	4629.9	4209.1	3794.4	3412.3	3029.6
22.5°	4938.2	5103.7	5268.6	5334.4	5399.6	5284.6	5100.0	4613.3	4064.5	3565.5	3066.6
25°	4778.2	5052.6	5327.1	5546.1	5764.5	5713.5	5571.3	5104.3	4422.6	3786.4	3149.6
27.5°	4738.2	5074.8	5411.4	5751.0	6090.0	6137.3	6098.0	5621.8	4849.5	4060.8	3271.4
30°	4801.0	5141.9	5482.1	5895.6	6308.4	6497.3	6550.2	6053.1	5337.5	4380.8	3423.3
32.5°	4917.9	5252.0	5586.0	6036.4	6486.2	6771.7	6940.3	6447.4	5677.8	4622.0	3565.5
35°	5106.7	5419.4	5731.9	6200.8	6669.6	7038.7	7346.4	6854.8	5979.9	4790.5	3600.6
37.5°	5437.8	5706.7	5975.5	6408.7	6841.2	7319.9	7782.0	7303.3	6306.6	4952.9	3598.8
40°	5938.0	6128.1	6317.7	6683.7	7049.2	7651.5	8275.4	7803.5	6667.7	5128.9	3590.1
42.5°	6561.3	6659.1	6756.3	7046.1	7335.9	7997.9	8723.4	8292.6	7012.2	5292.6	3572.9
45°	7207.9	7233.7	7259.6	7442.3	7624.4	8272.3	9028.6	8659.9	7313.1	5434.7	3555.6
47.5°	7876.1	7787.6	7698.9	7771.5	7844.1	8482.8	9246.4	8938.7	7615.2	5592.2	3568.6
50°	8604.0	8357.3	8110.5	8072.4	8034.2	8693.2	9502.9	9293.1	7978.2	5821.7	3665.2
52.5°	9343.5	8936.8	8530.2	8379.4	8228.1	8944.3	9843.1	9734.2	8496.3	6177.4	3857.7
55°	10021.6	9504.1	8986.6	8783.7	8580.6	9328.1	10258.5	10382.1	9160.2	6632.1	4103.3
57.5°	10680.6	10094.2	9507.8	9319.6	9131.3	9892.4	10784.5	10963.6	9830.8	7068.3	4305.1
60°	11309.4	10729.1	10148.3	9997.6	9846.2	10593.7	11353.1	11222.5	10176.6	7272.5	4367.8
62.5°	11792.9	11331.5	10870.0	10790.7	10710.7	11303.2	11789.9	11121.7	9956.9	7071.4	4185.7
65°	11996.6	11733.9	11470.5	11544.9	11618.8	11839.7	11898.8	10826.4	9266.7	6507.7	3748.8
67.5°	11411.5	11465.0	11518.5	11831.1	12143.0	11991.1	11575.1	10244.3	8284.1	5709.1	3134.2
70°	9650.6	9971.8	10292.3	11031.9	11770.8	11433.6	10708.2	9199.6	7101.5	4789.3	2476.5
72.5°	7385.1	7746.3	8106.8	9204.5	10301.5	9990.8	9102.3	7556.2	5693.7	3824.6	1954.8
75°	5347.4	5755.3	6162.6	7373.5	8584.3	8153.0	6808.6	5410.1	4324.7	2919.5	1513.6
77.5°	3809.2	4082.3	4355.5	5551.7	6747.1	6044.4	4532.1	3640.6	2993.3	2029.2	1064.4
80°	3055.5	2971.7	2888.1	3554.4	4220.7	4103.8	2997.6	2338.0	2071.7	1359.8	647.9
82.5°	2492.4	2288.2	2084.0	2397.7	2711.5	2694.3	2080.2	1715.4	1541.9	945.1	348.2
85°	1825.6	1743.7	1661.9	1939.3	2216.8	1979.9	1409.0	1090.3	1202.3	695.9	189.5
87.5°	890.3	1017.1	1143.2	1470.5	1797.2	1349.3	427.6	211.6	292.9	192.6	91.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383059  
 CATALOG NUMBER: GAN-SA4A-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: P383059  
 CATALOG NUMBER: GAN-SA4A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	4794.2	4743.7	4686.5	4629.3	4564.1	4498.3	4459.5	4420.1	4377.7	4335.2	4287.3
5°	4390.6	4284.7	4164.8	4044.8	3926.1	3807.3	3743.3	3679.3	3611.6	3543.3	3484.3
7.5°	3811.0	3656.6	3490.4	3323.7	3176.0	3027.7	2936.1	2843.8	2760.1	2675.8	2605.1
10°	3300.9	3104.0	2937.4	2770.0	2658.6	2547.2	2462.9	2378.6	2297.5	2215.6	2137.4
12.5°	2965.0	2768.1	2662.3	2556.4	2464.1	2371.9	2274.7	2176.8	2065.4	1953.5	1871.7
15°	2834.0	2654.9	2537.3	2419.2	2295.6	2171.3	2051.9	1932.6	1800.9	1669.2	1576.4
17.5°	2777.3	2542.9	2378.6	2213.7	2050.7	1887.7	1749.3	1610.7	1466.8	1322.8	1228.7
20°	2717.7	2405.7	2185.4	1964.5	1755.4	1546.2	1389.3	1232.4	1103.8	975.2	903.2
22.5°	2663.5	2259.9	1983.6	1706.8	1459.5	1212.1	1058.2	903.9	825.1	746.4	717.4
25°	2641.4	2132.5	1792.9	1453.3	1192.4	930.9	821.3	711.9	681.7	651.0	636.2
27.5°	2645.0	2018.8	1632.4	1245.3	1010.3	775.2	700.2	625.2	606.6	587.6	578.4
30°	2659.2	1895.0	1481.0	1066.9	873.0	679.3	630.7	581.5	561.7	542.1	530.3
32.5°	2675.2	1784.3	1364.1	943.2	785.1	626.4	586.3	545.8	526.7	507.6	496.0
35°	2647.6	1693.8	1284.0	874.3	728.5	582.0	548.2	513.7	492.8	471.9	460.8
37.5°	2600.8	1602.8	1221.9	840.4	691.6	542.1	517.5	492.2	470.7	448.5	438.1
40°	2558.3	1525.9	1175.8	825.1	671.3	516.8	496.0	475.0	452.8	430.1	417.8
42.5°	2523.8	1474.2	1130.2	786.3	652.8	518.7	489.2	459.0	437.5	415.9	402.4
45°	2498.0	1440.4	1094.6	748.8	635.6	522.4	484.9	447.3	425.8	403.6	387.6
47.5°	2495.5	1422.5	1069.3	716.2	603.0	489.2	473.8	458.4	427.0	395.0	376.5
50°	2529.4	1393.6	1039.8	685.4	571.6	457.8	478.7	499.0	445.5	391.3	368.0
52.5°	2600.1	1342.5	993.0	643.6	533.4	422.7	455.3	487.3	441.2	394.4	364.2
55°	2685.7	1267.5	922.3	576.5	483.0	388.8	417.8	446.1	417.1	387.6	351.3
57.5°	2739.2	1172.7	833.1	493.4	426.4	359.3	376.0	391.9	380.3	368.5	331.6
60°	2707.2	1046.6	732.8	418.4	376.5	334.7	331.6	327.9	345.1	362.4	320.0
62.5°	2550.9	916.2	644.2	372.2	340.9	308.9	302.1	294.7	323.1	350.7	305.8
65°	2286.9	825.1	588.2	351.3	316.3	281.1	273.8	266.4	275.0	283.7	262.7
67.5°	1951.7	769.1	556.2	343.4	300.9	257.8	249.2	240.5	238.8	236.9	229.5
70°	1605.9	734.6	535.3	335.9	284.2	232.0	223.9	215.9	213.5	210.4	204.8
72.5°	1342.5	730.3	532.8	335.4	270.7	206.2	198.7	191.3	188.3	184.5	180.3
75°	1099.5	685.4	505.7	326.1	252.3	177.8	171.0	164.2	161.8	158.7	155.0
77.5°	815.8	567.3	425.2	283.0	215.9	148.9	142.2	134.7	134.1	132.9	129.9
80°	529.1	410.3	304.0	197.5	157.5	116.9	111.3	105.2	105.8	106.5	104.0
82.5°	294.1	239.3	185.8	132.3	107.7	83.1	80.6	77.5	79.4	80.6	77.5
85°	155.0	120.6	99.7	78.7	62.1	45.6	45.6	44.9	47.4	49.8	47.4
87.5°	67.1	42.5	36.3	29.5	16.6	3.1	3.7	3.7	4.9	6.1	5.5
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: P383059  
 CATALOG NUMBER: GAN-SA4A-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: P383059  
 CATALOG NUMBER: GAN-SA4A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	4238.6	4193.7	4148.2	4098.3	4107.6	4069.4	4031.3	4007.2	3983.3	3975.9	3968.5
5°	3425.2	3374.2	3322.5	3276.3	3316.3	3289.3	3262.2	3258.5	3254.2	3254.2	3253.5
7.5°	2534.3	2479.6	2424.2	2386.1	2425.4	2420.4	2415.6	2442.1	2468.5	2490.0	2510.9
10°	2059.3	1992.9	1925.8	1869.2	1859.4	1831.0	1802.2	1808.3	1813.8	1837.2	1860.6
12.5°	1789.9	1710.4	1631.0	1564.6	1534.4	1487.8	1440.4	1410.8	1381.3	1384.4	1386.8
15°	1482.8	1405.9	1328.4	1271.2	1252.1	1215.8	1179.4	1142.5	1105.0	1089.6	1073.6
17.5°	1134.0	1072.4	1010.3	972.2	972.2	961.6	951.2	932.8	913.7	898.3	882.3
20°	831.2	798.6	765.4	749.4	754.4	754.9	754.9	764.1	773.4	768.4	763.6
22.5°	687.9	676.2	664.5	657.8	660.2	660.8	661.4	670.1	678.1	684.2	689.7
25°	620.8	613.4	606.1	603.5	609.1	609.7	609.7	615.3	620.8	626.9	633.1
27.5°	568.5	565.4	562.4	558.1	563.6	563.6	562.9	569.1	574.7	580.2	585.1
30°	518.7	519.9	520.5	519.2	523.0	525.5	527.3	531.6	535.3	539.6	543.9
32.5°	483.6	481.8	479.9	478.7	486.6	491.0	495.3	499.6	503.3	505.2	506.9
35°	449.8	445.5	441.2	438.1	445.5	451.0	456.6	464.6	471.9	473.1	474.3
37.5°	427.0	421.4	415.9	412.2	415.3	417.8	420.2	428.9	437.5	442.4	446.7
40°	405.5	399.9	394.4	391.3	393.1	393.8	394.4	398.7	402.4	411.7	420.2
42.5°	388.3	381.5	374.7	371.0	372.2	373.5	374.1	373.5	372.9	381.5	390.0
45°	371.0	363.6	356.2	351.9	352.6	352.6	352.6	351.3	349.5	353.8	358.1
47.5°	357.4	348.9	340.2	335.9	334.7	333.5	332.3	331.6	330.4	333.5	335.9
50°	343.9	334.7	324.8	320.0	316.8	315.6	314.4	313.7	312.5	315.6	318.1
52.5°	333.5	322.4	311.3	303.3	300.2	298.4	296.6	297.2	297.2	298.4	299.0
55°	315.0	305.2	294.7	289.2	283.7	282.4	281.1	283.0	284.2	284.2	284.2
57.5°	294.7	285.5	275.6	271.9	267.1	267.1	266.4	268.8	270.7	271.9	273.2
60°	276.9	266.4	256.0	252.9	251.1	250.4	249.8	252.9	255.3	257.8	260.3
62.5°	260.3	249.2	238.1	234.4	233.8	234.4	234.4	237.5	240.0	242.4	244.9
65°	241.8	230.7	219.0	215.4	216.6	218.4	220.3	222.7	224.6	227.0	229.5
67.5°	221.5	212.3	202.4	198.7	199.4	201.8	204.3	206.2	207.4	209.8	212.3
70°	199.4	191.3	183.3	180.9	180.3	183.3	185.8	187.1	188.3	191.3	193.9
72.5°	175.3	168.6	161.8	159.9	160.6	162.5	164.2	166.1	167.4	170.5	172.9
75°	150.7	144.6	138.4	137.2	138.4	140.3	142.2	143.4	144.6	148.3	151.4
77.5°	126.8	120.0	112.6	112.0	113.8	115.7	116.9	118.8	120.6	125.5	130.4
80°	101.5	94.2	86.2	85.5	87.4	89.2	91.1	92.9	94.7	100.9	106.5
82.5°	74.4	65.9	57.2	56.0	62.1	64.0	65.9	68.9	71.4	76.9	82.4
85°	44.9	36.3	27.7	27.1	32.6	35.7	38.8	42.5	45.6	50.5	55.3
87.5°	4.9	2.4	0.0	0.0	0.7	3.1	5.5	8.6	11.6	16.6	21.0
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: P383059  
 CATALOG NUMBER: GAN-SA4A-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: P383059

CATALOG NUMBER: GAN-SA4A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	3941.5	3913.7	3942.0	3969.7	3981.4	3993.1	3963.0	3932.2	3980.2	4027.5	4039.8
5°	3228.9	3203.7	3222.8	3241.2	3200.1	3158.8	3154.5	3149.6	3185.2	3220.9	3226.5
7.5°	2503.0	2495.0	2512.8	2530.6	2478.3	2425.4	2399.6	2373.8	2382.3	2390.9	2389.7
10°	1866.2	1871.0	1893.2	1914.7	1874.1	1833.5	1815.7	1797.8	1817.5	1836.5	1854.4
12.5°	1397.9	1408.4	1431.7	1454.5	1437.9	1420.7	1422.5	1424.3	1447.2	1469.2	1489.0
15°	1086.0	1098.3	1114.9	1130.9	1131.5	1131.5	1147.5	1162.9	1161.0	1159.2	1172.7
17.5°	898.9	914.9	916.7	918.6	919.3	919.8	918.6	917.4	908.2	898.9	909.4
20°	769.7	775.2	780.2	784.5	779.0	772.8	757.4	742.0	735.8	729.7	739.6
22.5°	700.2	710.0	705.1	699.6	688.5	676.8	665.1	652.8	652.2	651.0	656.5
25°	641.7	649.8	641.1	632.5	624.5	616.5	608.5	600.5	599.9	599.3	601.8
27.5°	593.1	600.5	592.5	584.5	577.7	570.9	564.8	558.6	557.4	556.2	556.8
30°	551.3	558.1	551.3	543.9	539.0	533.4	529.1	524.8	524.2	523.6	523.6
32.5°	513.7	520.5	515.6	510.7	506.4	502.1	499.0	496.0	492.8	489.7	483.0
35°	481.1	487.9	484.9	481.1	476.2	471.3	465.8	459.6	451.6	443.0	439.3
37.5°	453.5	460.2	457.1	454.0	447.3	440.5	430.7	420.2	417.8	414.7	414.1
40°	431.3	441.7	435.6	428.9	418.4	407.9	403.0	398.1	396.8	395.6	394.4
42.5°	406.7	422.7	411.7	400.6	390.7	380.8	379.6	378.4	377.7	377.2	377.2
45°	376.0	393.1	382.1	370.4	364.9	359.3	359.3	359.3	359.9	359.9	361.2
47.5°	347.0	357.4	351.9	346.4	343.4	340.2	340.9	341.5	343.4	344.6	347.7
50°	322.4	326.1	327.3	327.9	326.1	324.3	325.5	326.1	327.9	329.2	331.6
52.5°	304.5	310.1	310.1	309.5	309.5	309.5	310.7	312.0	313.7	315.6	318.1
55°	292.9	300.9	298.4	296.0	296.6	296.6	297.8	299.0	300.9	302.1	305.8
57.5°	281.8	290.4	287.9	285.5	285.5	285.5	286.1	286.7	288.6	289.8	292.2
60°	268.8	277.5	275.0	271.9	272.6	273.2	273.8	273.8	275.0	275.6	275.6
62.5°	253.5	262.1	259.6	256.5	258.4	259.6	259.6	259.6	260.8	261.5	259.6
65°	237.5	245.5	243.0	240.5	243.0	244.9	246.1	246.8	246.1	245.5	243.7
67.5°	220.3	228.2	225.8	222.7	225.8	228.2	230.7	232.6	230.7	228.9	226.5
70°	201.8	209.8	206.7	203.6	206.7	209.8	212.3	214.7	212.3	209.8	209.2
72.5°	182.1	191.3	187.6	184.0	187.6	191.3	192.6	193.9	192.0	190.1	188.9
75°	160.6	169.8	166.7	163.0	166.1	169.2	169.8	170.5	170.5	169.8	166.1
77.5°	137.8	145.2	143.4	141.5	143.4	145.2	145.2	145.2	145.8	145.8	140.9
80°	110.8	115.0	115.7	116.3	116.9	117.6	116.9	116.3	115.0	113.8	110.8
82.5°	82.4	82.4	87.4	91.7	91.7	91.1	90.5	89.2	86.7	83.7	76.9
85°	52.3	49.2	57.2	64.6	64.6	64.0	62.8	60.9	56.0	50.5	44.9
87.5°	17.9	14.8	22.7	30.7	31.4	31.4	30.2	28.9	24.0	18.4	14.2
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: P383059  
 CATALOG NUMBER: GAN-SA4A-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: P383059

CATALOG NUMBER: GAN-SA4A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	4058.4	4066.3	4073.8	4134.0	4193.7	4263.9	4334.0	4387.5	4440.4	4495.2	4550.0
5°	3245.6	3255.4	3265.3	3338.5	3411.0	3508.9	3606.8	3691.0	3775.3	3874.4	3973.4
7.5°	2405.7	2427.2	2448.2	2526.4	2603.9	2709.0	2813.6	2923.8	3033.3	3162.5	3291.7
10°	1889.5	1930.1	1970.1	2050.1	2130.1	2234.0	2337.4	2452.5	2567.5	2694.9	2821.7
12.5°	1529.6	1583.7	1637.3	1733.2	1829.2	1953.5	2077.2	2205.2	2332.5	2444.5	2556.4
15°	1208.4	1267.5	1325.9	1427.4	1528.9	1665.5	1801.5	1941.2	2080.2	2214.4	2348.5
17.5°	942.6	991.2	1039.2	1125.3	1210.8	1343.1	1475.4	1621.8	1768.3	1931.9	2095.1
20°	760.5	780.8	801.1	863.3	924.7	1032.4	1139.5	1289.0	1438.5	1634.1	1829.8
22.5°	666.3	676.8	686.6	716.8	746.4	815.8	884.8	1017.1	1148.7	1362.2	1575.1
25°	609.7	617.7	625.7	645.4	665.1	698.4	731.5	824.4	917.4	1127.2	1336.4
27.5°	558.6	570.9	582.7	591.9	600.5	623.3	645.4	706.3	767.2	962.9	1157.9
30°	521.8	526.0	530.3	544.5	558.1	581.5	604.9	647.2	689.7	855.3	1020.1
32.5°	478.7	484.9	491.0	505.7	520.5	542.1	563.6	598.1	631.9	773.4	914.3
35°	439.9	446.1	452.3	467.0	481.1	504.5	527.3	556.2	584.5	707.6	830.7
37.5°	415.9	422.1	428.2	441.2	453.5	476.9	499.6	522.4	544.5	658.3	772.2
40°	395.6	401.8	407.9	420.2	432.0	454.7	476.9	496.0	515.0	621.4	727.9
42.5°	377.7	384.5	391.3	403.6	415.3	435.6	455.9	481.1	505.7	589.4	672.5
45°	363.0	369.8	376.0	389.5	403.0	422.7	442.4	477.4	512.5	572.8	633.1
47.5°	349.5	356.9	363.6	378.4	393.1	417.8	441.7	471.3	500.2	559.9	619.6
50°	336.6	345.1	353.8	371.6	388.8	430.1	470.7	475.0	478.7	549.4	619.6
52.5°	324.3	334.1	343.9	366.1	387.6	435.6	483.6	468.2	452.3	529.8	607.3
55°	312.0	320.5	328.6	355.7	382.7	417.8	452.8	432.5	411.7	492.8	574.0
57.5°	295.3	304.5	313.2	342.1	371.0	395.6	419.7	401.1	382.1	451.0	519.2
60°	278.1	288.6	299.0	335.9	372.2	368.0	363.0	359.3	355.0	404.2	453.5
62.5°	262.7	273.8	284.9	332.8	380.8	351.3	321.8	324.8	327.3	363.6	399.9
65°	247.3	258.4	268.8	292.9	316.8	305.2	293.5	298.4	302.8	338.4	374.1
67.5°	230.1	240.0	249.2	257.2	265.2	266.4	267.6	272.6	277.5	320.0	361.8
70°	211.0	219.0	227.0	232.6	237.5	240.0	241.8	248.0	254.1	300.2	346.4
72.5°	189.5	196.3	202.4	207.4	212.3	214.1	215.4	221.5	227.7	276.9	326.1
75°	166.1	171.7	176.6	180.9	185.2	187.6	190.1	194.4	198.7	252.3	305.2
77.5°	140.3	145.8	150.7	154.5	157.5	159.9	161.8	167.4	172.9	217.8	262.1
80°	109.5	116.3	122.4	125.5	128.0	128.6	128.6	133.5	138.4	170.5	201.8
82.5°	77.5	84.9	91.7	94.2	96.6	96.6	96.6	102.1	107.7	129.2	150.2
85°	45.6	53.6	60.9	63.3	65.9	67.1	67.7	70.1	72.0	87.4	102.1
87.5°	14.2	21.0	27.1	28.3	29.5	32.0	34.5	35.0	35.0	45.6	56.0
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: P383059  
 CATALOG NUMBER: GAN-SA4A-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4	4688.4
2.5°	4612.7	4675.4	4748.7	4821.3	4883.5	4945.6	4997.3
5°	4099.6	4225.7	4380.1	4533.9	4671.2	4808.4	4967.8
7.5°	3454.7	3617.9	3817.8	4017.8	4211.5	4404.7	4649.6
10°	2987.8	3153.3	3364.9	3575.9	3793.8	4011.0	4287.8
12.5°	2691.2	2825.3	3030.2	3235.1	3491.1	3746.4	4012.8
15°	2495.5	2642.0	2841.3	3040.7	3320.6	3600.6	3907.0
17.5°	2286.9	2478.3	2733.6	2989.0	3320.6	3651.7	4012.8
20°	2068.6	2306.7	2637.7	2968.7	3415.4	3861.5	4322.3
22.5°	1850.7	2126.4	2550.9	2974.8	3558.7	4142.0	4764.0
25°	1654.4	1972.6	2498.0	3022.9	3767.3	4511.2	5282.7
27.5°	1505.6	1852.6	2476.5	3099.7	4031.9	4964.0	5847.0
30°	1373.3	1726.4	2450.6	3174.8	4286.6	5397.8	6288.1
32.5°	1258.9	1603.4	2400.8	3197.5	4464.4	5731.3	6661.6
35°	1169.0	1507.4	2317.1	3126.8	4575.8	6024.8	7050.4
37.5°	1091.5	1410.8	2221.7	3032.7	4674.9	6317.0	7487.9
40°	1017.6	1307.4	2140.0	2971.7	4811.4	6651.1	7949.9
42.5°	947.5	1222.6	2074.1	2925.6	4938.2	6950.1	8354.2
45°	895.2	1157.4	2015.6	2873.4	5020.0	7166.7	8658.7
47.5°	869.4	1118.6	1984.3	2849.3	5101.8	7353.7	8911.7
50°	865.7	1111.8	2020.0	2928.0	5279.1	7629.4	9200.8
52.5°	865.0	1122.9	2122.7	3122.5	5608.2	8093.3	9514.0
55°	852.2	1129.7	2245.1	3360.0	6049.9	8739.3	10076.9
57.5°	812.8	1106.3	2371.3	3635.6	6517.0	9397.6	10711.3
60°	751.9	1049.7	2475.2	3900.2	6830.8	9760.7	10955.6
62.5°	675.6	950.6	2509.7	4068.2	6822.2	9576.1	10709.4
65°	610.3	846.6	2396.5	3945.8	6477.0	9007.6	10222.8
67.5°	552.5	742.6	2113.5	3483.7	5856.2	8228.1	9603.8
70°	510.7	674.3	1748.6	2822.9	5079.1	7334.6	8887.0
72.5°	484.2	641.7	1425.5	2208.8	4121.7	6034.0	7601.7
75°	447.9	590.7	1118.6	1645.9	3154.5	4663.1	5741.7
77.5°	380.3	497.7	843.0	1188.1	2314.6	3440.6	3993.1
80°	293.5	384.5	579.6	774.7	1592.9	2411.2	2722.5
82.5°	209.2	268.3	351.3	434.4	1058.2	1681.5	1707.3
85°	129.2	156.3	201.2	246.1	700.2	1154.3	961.6
87.5°	69.5	83.1	106.5	129.2	223.9	318.7	183.3
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: P383059  
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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)