

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: P383647

Luminaire Tested: **GAN-SA9B-735-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383647
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-SA9B-735-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3500K, 800mA 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: 41824.6 lumens
Efficiency: N/A
Efficacy: 111.8 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

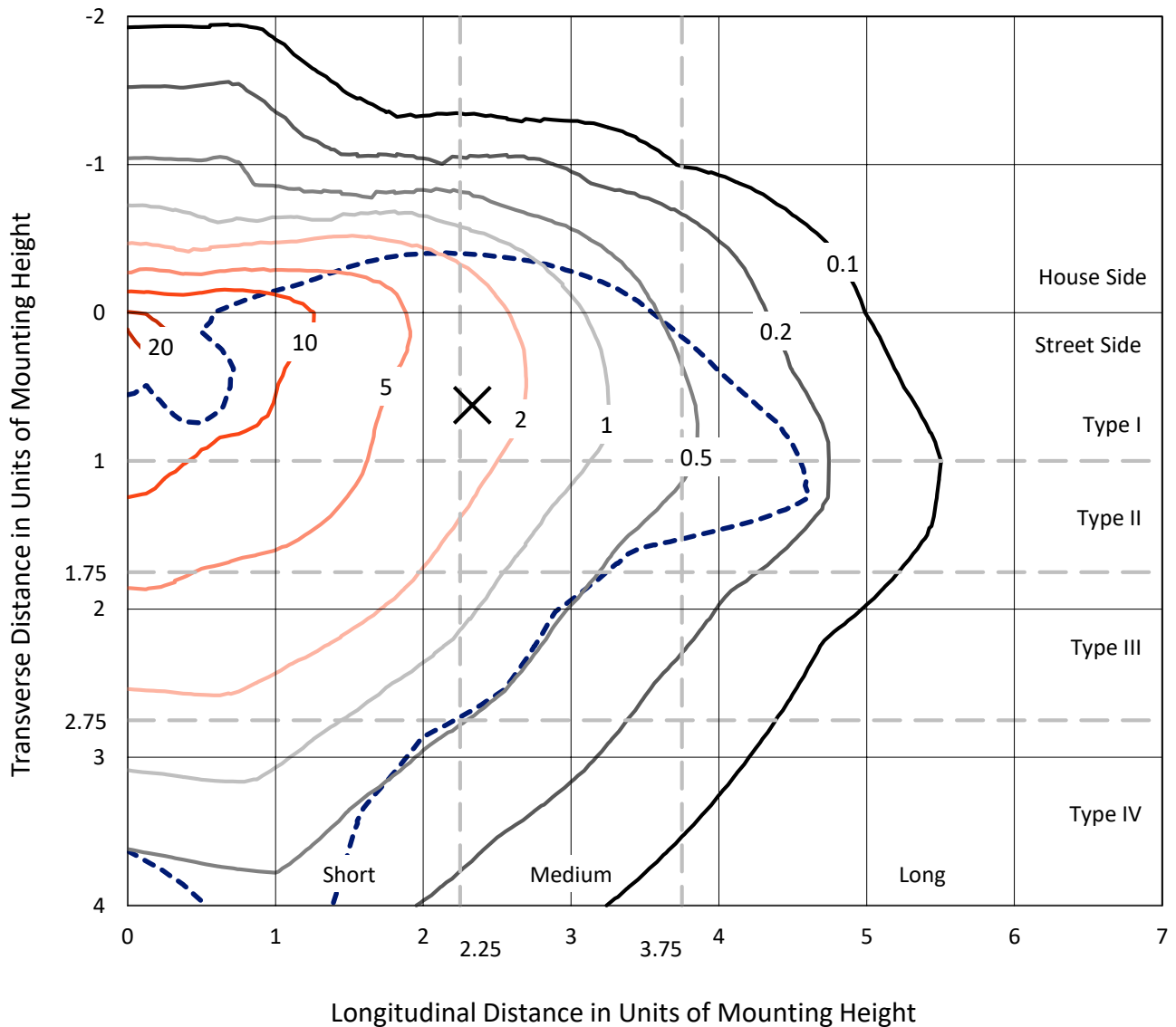
Input Watts (W): 374
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

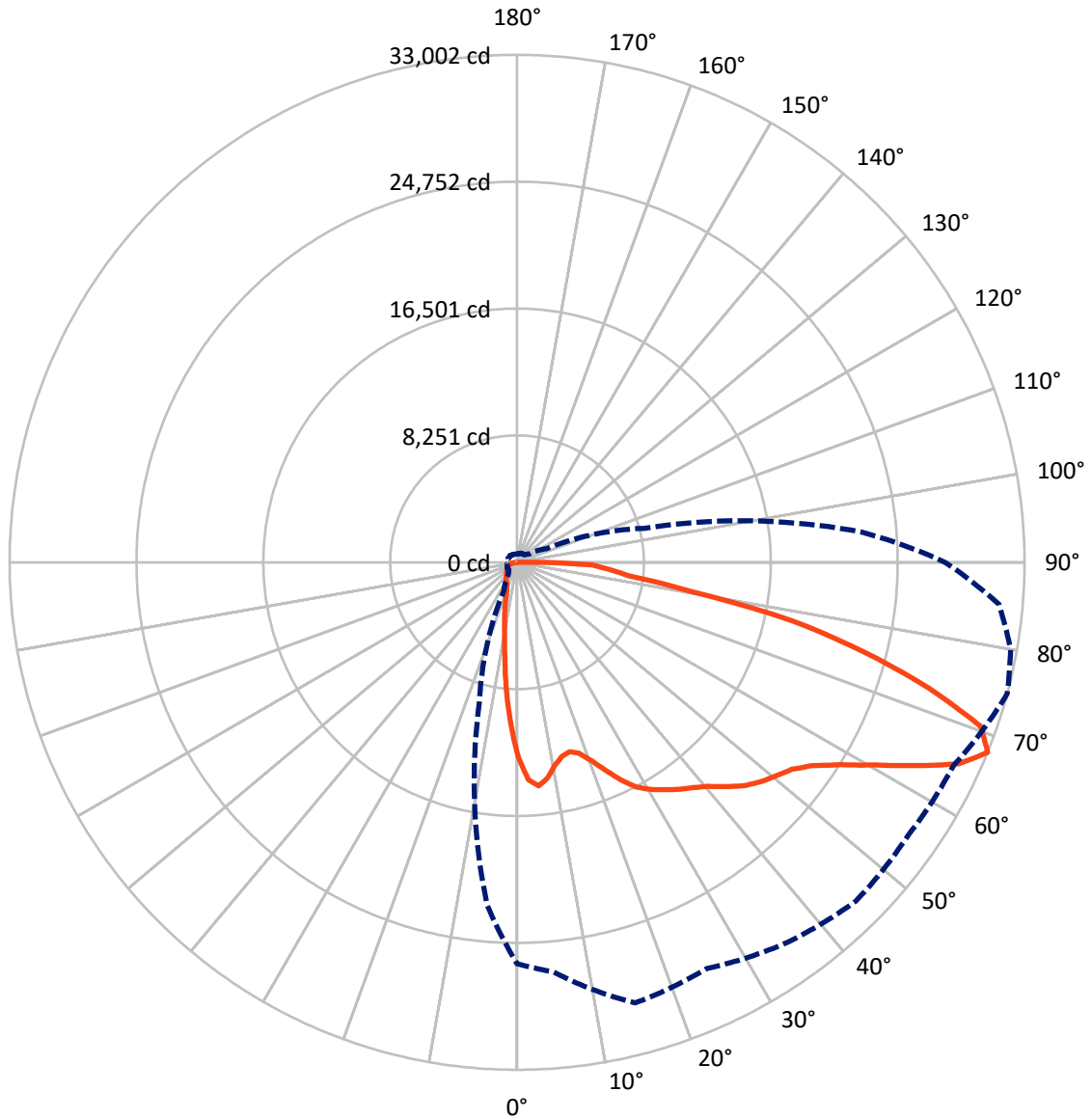
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 25.6 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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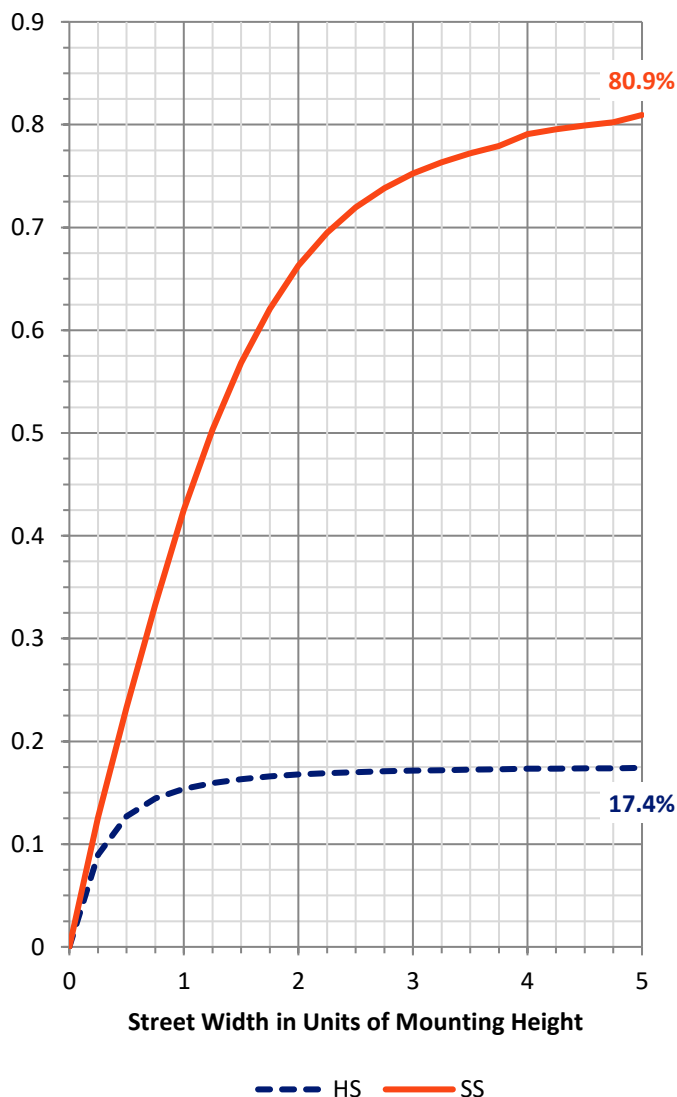
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7366.3	0.0	7366.3
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	34458.3	0.0	34458.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	41824.6	0.0	41824.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	983.4	2.4
10°-20°	2042.9	4.9
20°-30°	2905.5	6.9
30°-40°	4186.8	10.0
40°-50°	5900.4	14.1
50°-60°	8202.5	19.6
60°-70°	9919.3	23.7
70°-80°	6097.3	14.6
80°-90°	1586.6	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°	41824.6	100.0
0°-180°	41824.6	100.0

Coefficient of Utilization

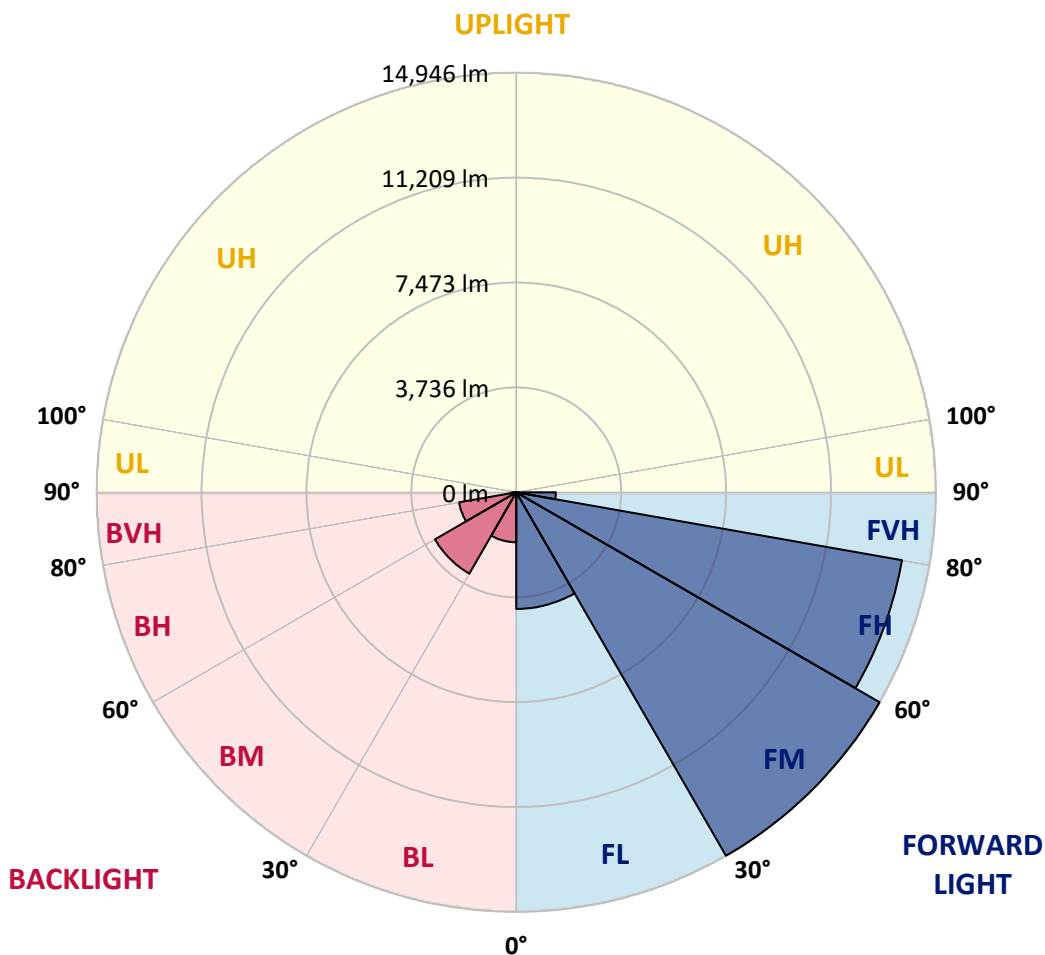


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4152.8	9.9			
FM (30°-60°)	14945.9	35.7			
FH (60°-80°)	13951.3	33.4			G5
FVH (80°-90°)	1408.3	3.4			G5
BL (0°-30°)	1779.0	4.3	B3/2500		
BM (30°-60°)	3343.8	8.0	B3/5000		
BH (60°-80°)	2065.3	4.9	B3/2500		G3/2500
BVH (80°-90°)	178.3	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°	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1
2.5°	13581.5	13760.4	13884.2	14006.3	14101.6	14195.2	14332.3	14469.4	14496.2	14521.2	14467.8
5°	13501.2	13937.7	14308.9	14678.5	15021.3	15364.0	15569.7	15775.4	15817.2	15859.0	15730.3
7.5°	12636.7	13280.5	13924.3	14568.1	15158.4	15748.7	16108.1	16466.0	16548.0	16628.2	16417.5
10°	11653.5	12402.6	13193.6	13984.5	14762.0	15539.6	16059.7	16579.8	16683.5	16787.0	16524.5
12.5°	10906.0	11723.7	12568.2	13412.6	14233.7	15053.1	15591.5	16129.9	16258.7	16387.4	16196.8
15°	10618.4	11514.7	12309.0	13103.2	13818.9	14533.0	14974.4	15414.2	15467.7	15519.6	15489.5
17.5°	10906.0	11894.3	12613.3	13330.6	13720.3	14108.3	14285.5	14461.1	14519.6	14576.5	14653.3
20°	11747.1	12814.0	13320.7	13825.7	13808.9	13790.5	13705.2	13618.3	13603.2	13588.2	13805.5
22.5°	12947.8	14186.8	14389.2	14589.8	14119.9	13650.1	13364.1	13076.5	13019.7	12961.1	13191.9
25°	14357.4	15676.7	15639.9	15601.5	14706.9	13810.6	13265.4	12720.4	12656.8	12593.2	12790.5
27.5°	15890.8	17151.7	16910.8	16670.0	15454.4	14238.7	13447.7	12656.8	12593.2	12529.7	12703.6
30°	17089.8	18233.6	17847.2	17461.0	16084.8	14708.6	13768.8	12829.0	12725.3	12620.0	12834.0
32.5°	18104.8	19078.0	18559.6	18041.2	16596.5	15151.7	14135.0	13118.3	12956.2	12793.9	13079.9
35°	19161.6	19920.8	19191.7	18460.9	17053.0	15643.3	14568.1	13491.2	13292.3	13093.2	13486.2
37.5°	20350.5	20981.0	19934.2	18885.7	17566.3	16246.9	15216.9	14185.1	13981.1	13777.1	14278.8
40°	21606.3	22131.4	20735.1	19338.8	18128.2	16917.6	16114.8	15310.5	15116.6	14921.0	15529.6
42.5°	22705.0	23087.8	21480.9	19873.9	18805.4	17735.2	17170.0	16603.2	16601.5	16598.1	17215.2
45°	23532.7	23865.5	22103.0	20338.9	19465.9	18591.4	18297.1	18002.8	18238.6	18474.4	19032.8
47.5°	24220.0	24445.7	22624.7	20802.0	20221.8	19641.5	19685.0	19728.5	20208.3	20688.3	21047.9
50°	25005.9	24823.6	23097.9	21370.5	21191.6	21012.7	21404.0	21793.6	22345.4	22895.6	23139.7
52.5°	25857.1	25373.8	23740.0	22104.6	22305.3	22506.0	23301.9	24097.9	24654.7	25211.6	25303.5
55°	27387.1	26646.3	24920.6	23193.2	23579.5	23964.2	25133.0	26300.2	26735.0	27169.7	27203.1
57.5°	29111.1	28453.9	26574.4	24694.9	25109.6	25524.3	26873.8	28221.5	28691.4	29159.6	29094.4
60°	29775.0	29806.7	28144.6	26480.7	26898.8	27316.9	28631.2	29945.5	30485.6	31024.1	30880.2
62.5°	29106.1	29890.4	29002.4	28112.8	28492.4	28870.3	30157.9	31445.5	31998.9	32552.5	32301.6
65°	27783.4	28561.0	28958.9	29356.9	29482.4	29607.7	30810.1	32010.7	32435.5	32858.5	32731.4
67.5°	26101.2	26729.9	28198.1	29664.6	29412.1	29159.6	29723.2	30286.7	30723.1	31159.5	31087.6
70°	24153.1	24902.2	26860.3	28818.4	27577.7	26335.3	26102.8	25870.4	26341.9	26811.9	26520.9
72.5°	20659.9	21790.3	23878.8	25965.8	23679.8	21393.9	20599.7	19805.4	20402.4	20999.3	20536.2
75°	15604.8	17104.8	19412.4	21718.4	18991.0	16263.7	15203.5	14143.3	14656.7	15170.1	14852.4
77.5°	10852.5	12733.7	15006.2	17278.7	14506.2	11732.1	10944.5	10155.2	10309.1	10461.2	10407.7
80°	7399.5	8636.8	10222.1	11805.7	9959.5	8113.4	8175.4	8235.5	8163.6	8090.0	8197.1
82.5°	4640.3	5511.5	6735.6	7957.9	6978.0	5998.1	6560.0	7121.9	6845.9	6568.3	6672.0
85°	2613.6	3145.4	4342.7	5538.3	5162.1	4784.1	5113.5	5441.3	5013.2	4585.2	4774.1
87.5°	498.3	829.4	2402.9	3974.8	3608.5	3242.3	2817.7	2392.9	1826.0	1259.2	1839.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1
2.5°	14414.2	14385.8	14357.4	14255.4	14151.7	13997.9	13870.8	13650.1	13529.7	13347.4	13165.1
5°	15599.9	15419.3	15238.6	14927.6	14615.0	14267.1	13867.5	13424.3	13089.9	12655.1	12220.3
7.5°	16206.9	15785.4	15362.4	14765.4	14166.8	13628.4	12996.2	12407.7	11906.0	11340.8	10775.6
10°	16262.0	15630.0	14996.1	14220.3	13442.7	12788.8	12061.5	11407.6	10805.7	10156.8	9506.4
12.5°	16004.5	15332.2	14658.4	13804.0	12947.8	12205.3	11422.7	10690.3	10023.1	9309.0	8593.3
15°	15459.4	14922.6	14384.1	13583.2	12782.2	12033.1	11273.9	10406.0	9651.9	8921.2	8188.7
17.5°	14728.6	14474.5	14218.6	13640.0	13059.7	12411.0	11675.2	10656.8	9773.9	8979.7	8185.3
20°	14021.3	14114.9	14206.9	13976.1	13745.4	13225.4	12583.3	11439.4	10312.4	9273.9	8233.9
22.5°	13421.0	13870.8	14318.9	14497.9	14675.1	14362.4	13860.8	12538.1	11046.5	9690.3	8334.2
25°	12986.2	13732.0	14477.8	15073.1	15666.8	15528.0	15141.7	13872.4	12019.7	10290.6	8559.9
27.5°	12877.5	13792.2	14706.9	15630.0	16551.3	16680.1	16573.1	15278.8	13180.2	11036.4	8891.1
30°	13048.1	13974.4	14899.2	16022.9	17144.9	17658.3	17802.1	16450.9	14506.2	11906.0	9304.0
32.5°	13365.8	14273.8	15181.8	16405.9	17628.2	18404.1	18862.3	17522.9	15430.9	12561.5	9690.3
35°	13879.1	14728.6	15578.1	16852.3	18126.5	19129.8	19966.0	18629.8	16252.0	13019.7	9785.6
37.5°	14778.8	15509.5	16240.3	17417.5	18593.0	19894.0	21149.9	19848.9	17139.9	13461.1	9780.6
40°	16138.3	16655.0	17170.0	18165.0	19158.2	20795.3	22490.9	21208.4	18121.5	13939.4	9757.2
42.5°	17832.2	18098.1	18362.3	19149.9	19937.4	21736.7	23708.3	22537.8	19057.9	14384.1	9710.4
45°	19589.7	19659.9	19730.2	20226.8	20721.7	22482.5	24537.7	23536.0	19875.6	14770.4	9663.6
47.5°	21405.7	21164.9	20924.0	21121.4	21318.7	23054.4	25129.6	24293.6	20696.7	15198.5	9698.7
50°	23383.9	22713.4	22042.7	21939.1	21835.4	23626.4	25827.0	25256.7	21683.3	15822.2	9961.2
52.5°	25393.8	24288.5	23183.2	22773.5	22362.2	24308.5	26751.6	26455.7	23091.2	16788.7	10484.6
55°	27236.6	25830.3	24424.0	23872.1	23320.4	25352.1	27880.4	28216.5	24895.5	18024.5	11151.8
57.5°	29027.5	27433.9	25840.3	25328.6	24816.9	26885.4	29310.1	29796.7	26718.2	19210.1	11700.3
60°	30736.5	29159.6	27581.1	27171.4	26760.0	28791.7	30855.2	30500.7	27658.0	19765.3	11870.9
62.5°	32050.8	30796.7	29542.5	29326.8	29109.5	30719.7	32042.4	30226.5	27061.0	19218.5	11375.9
65°	32604.4	31890.3	31174.6	31376.9	31577.6	32177.9	32338.4	29423.8	25184.9	17686.7	10188.6
67.5°	31014.0	31159.5	31305.0	32154.5	33002.3	32589.3	31458.8	27841.9	22514.3	15516.2	8518.2
70°	26228.3	27101.1	27972.3	29982.3	31990.6	31074.3	29102.8	25002.6	19300.4	13016.3	6730.5
72.5°	20071.3	21052.9	22032.8	25016.0	27997.5	27152.9	24738.4	20536.2	15474.4	10394.3	5312.5
75°	14533.0	15641.6	16748.7	20039.5	23330.3	22158.2	18504.4	14703.5	11753.8	7934.5	4113.6
77.5°	10352.5	11094.9	11837.5	15088.2	18337.2	16427.6	12317.3	9894.3	8135.2	5514.9	2892.9
80°	8304.1	8076.7	7849.2	9660.2	11471.2	11153.5	8146.9	6354.3	5630.3	3695.5	1760.8
82.5°	6774.0	6218.8	5663.7	6516.5	7369.3	7322.5	5653.7	4662.0	4190.5	2568.5	946.5
85°	4961.4	4739.0	4516.6	5270.7	6024.9	5381.1	3829.3	2963.2	3267.5	1891.2	515.1
87.5°	2419.7	2764.1	3106.9	3996.5	4884.5	3667.1	1162.2	575.2	796.0	523.4	249.2
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: P383647
 CATALOG NUMBER: GAN-SA9B-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: P383647

CATALOG NUMBER: GAN-SA9B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1
2.5°	13029.6	12892.5	12737.1	12581.6	12404.3	12225.4	12120.0	12013.0	11897.6	11782.2	11651.8
5°	11932.8	11645.1	11319.0	10992.9	10670.2	10347.5	10173.6	9999.7	9815.7	9630.2	9469.6
7.5°	10357.5	9937.8	9486.3	9033.1	8631.8	8228.8	7979.6	7728.9	7501.5	7272.3	7080.0
10°	8971.3	8436.2	7983.0	7528.2	7225.5	6922.9	6693.7	6464.7	6244.0	6021.5	5809.2
12.5°	8058.3	7523.2	7235.5	6947.9	6697.1	6446.3	6182.1	5916.2	5613.5	5309.2	5086.8
15°	7702.1	7215.5	6896.1	6575.0	6238.9	5901.2	5576.7	5252.3	4894.5	4536.6	4284.2
17.5°	7548.2	6911.2	6464.7	6016.5	5573.4	5130.3	4754.1	4377.8	3986.5	3595.2	3339.3
20°	7386.1	6538.3	5939.6	5339.3	4770.7	4202.2	3775.8	3349.4	2999.9	2650.4	2454.8
22.5°	7238.9	6142.0	5391.1	4638.6	3966.4	3294.2	2876.2	2456.4	2242.4	2028.4	1949.7
25°	7178.7	5795.8	4872.7	3949.7	3240.7	2530.0	2232.4	1934.7	1852.8	1769.2	1729.0
27.5°	7188.8	5486.4	4436.3	3384.5	2745.7	2107.0	1903.0	1699.0	1648.7	1597.0	1571.9
30°	7227.2	5150.3	4024.9	2899.5	2372.8	1846.1	1714.0	1580.2	1526.7	1473.2	1441.4
32.5°	7270.6	4849.4	3707.3	2563.4	2133.7	1702.3	1593.6	1483.2	1431.4	1379.5	1347.8
35°	7195.5	4603.5	3489.9	2376.2	1979.9	1581.9	1489.9	1396.3	1339.4	1282.6	1252.5
37.5°	7068.3	4356.0	3321.0	2284.2	1879.6	1473.2	1406.3	1337.8	1279.2	1219.0	1190.6
40°	6953.0	4147.1	3195.6	2242.4	1824.3	1404.7	1347.8	1290.9	1230.8	1168.8	1135.4
42.5°	6859.4	4006.6	3071.8	2137.1	1774.2	1409.6	1329.4	1247.4	1188.9	1130.4	1093.6
45°	6789.1	3914.5	2974.8	2035.1	1727.4	1419.7	1317.7	1215.7	1157.2	1097.0	1053.5
47.5°	6782.4	3866.1	2906.2	1946.5	1638.8	1329.4	1287.6	1245.8	1160.5	1073.5	1023.4
50°	6874.4	3787.5	2826.0	1862.8	1553.4	1244.1	1301.0	1356.1	1210.6	1063.5	999.9
52.5°	7066.6	3648.7	2698.9	1749.1	1449.8	1148.8	1237.4	1324.4	1199.0	1071.8	990.0
55°	7299.1	3444.7	2506.6	1566.9	1312.6	1056.8	1135.4	1212.3	1133.8	1053.5	954.8
57.5°	7444.6	3187.2	2264.1	1341.1	1158.8	976.5	1021.7	1065.2	1033.4	1001.6	901.3
60°	7357.6	2844.4	1991.6	1137.0	1023.4	909.7	901.3	891.3	938.1	984.9	869.5
62.5°	6932.9	2489.8	1750.8	1011.7	926.4	839.4	821.1	800.9	877.9	953.2	831.0
65°	6215.6	2242.4	1598.6	954.8	859.5	764.1	744.1	724.1	747.5	770.9	714.0
67.5°	5304.1	2090.2	1511.6	933.0	817.7	700.6	677.2	653.9	648.8	643.8	623.8
70°	4364.4	1996.6	1454.8	913.0	772.5	630.4	608.7	587.0	580.3	571.9	556.9
72.5°	3648.7	1984.8	1448.1	911.3	735.7	560.1	540.1	520.1	511.7	501.6	490.0
75°	2988.2	1862.8	1374.5	886.3	685.6	483.3	464.8	446.5	439.8	431.4	421.4
77.5°	2217.4	1541.7	1155.5	769.2	587.0	404.7	386.3	366.2	364.5	361.2	352.9
80°	1438.1	1115.3	826.1	536.8	428.0	317.8	302.7	286.0	287.7	289.2	282.6
82.5°	799.3	650.5	505.0	359.5	292.6	225.7	219.1	210.7	215.7	219.1	210.7
85°	421.4	327.7	270.9	214.1	168.9	123.7	123.7	122.0	128.7	135.4	128.7
87.5°	182.3	115.4	98.7	80.3	45.2	8.4	10.1	10.1	13.4	16.8	15.1
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: P383647
 CATALOG NUMBER: GAN-SA9B-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: P383647
 CATALOG NUMBER: GAN-SA9B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1
2.5°	11519.7	11397.7	11273.9	11138.4	11163.5	11059.9	10956.2	10891.0	10825.7	10805.7	10785.6
5°	9309.0	9170.2	9029.8	8904.4	9013.1	8939.5	8865.9	8855.9	8844.2	8844.2	8842.5
7.5°	6887.8	6738.9	6588.5	6484.8	6591.7	6578.4	6565.0	6636.9	6708.8	6767.3	6824.2
10°	5596.8	5416.2	5233.9	5080.1	5053.4	4976.4	4897.8	4914.6	4929.6	4993.2	5056.7
12.5°	4864.4	4648.7	4433.0	4252.3	4170.4	4043.4	3914.5	3834.3	3754.0	3762.4	3769.1
15°	4030.0	3820.9	3610.2	3454.7	3402.9	3304.2	3205.5	3105.2	3003.2	2961.5	2918.0
17.5°	3081.8	2914.6	2745.7	2642.1	2642.1	2613.6	2585.2	2535.0	2483.2	2441.4	2397.9
20°	2259.1	2170.5	2080.2	2036.7	2050.1	2051.7	2051.7	2076.9	2101.9	2088.5	2075.2
22.5°	1869.5	1837.8	1806.0	1787.5	1794.3	1795.9	1797.6	1821.0	1842.8	1859.5	1874.6
25°	1687.2	1667.2	1647.1	1640.5	1655.5	1657.1	1657.1	1672.2	1687.2	1704.0	1720.7
27.5°	1545.1	1536.8	1528.4	1516.7	1531.7	1531.7	1530.1	1546.7	1561.8	1576.8	1590.2
30°	1409.6	1413.0	1414.6	1411.3	1421.4	1428.1	1433.1	1444.7	1454.8	1466.5	1478.2
32.5°	1314.3	1309.3	1304.3	1301.0	1322.7	1334.4	1346.1	1357.8	1367.9	1372.8	1377.9
35°	1222.4	1210.6	1199.0	1190.6	1210.6	1225.7	1240.7	1262.5	1282.6	1285.9	1289.3
37.5°	1160.5	1145.4	1130.4	1120.4	1128.8	1135.4	1142.1	1165.6	1188.9	1202.3	1214.0
40°	1101.9	1086.9	1071.8	1063.5	1068.5	1070.2	1071.8	1083.6	1093.6	1118.7	1142.1
42.5°	1055.2	1036.7	1018.4	1008.3	1011.7	1015.0	1016.7	1015.0	1013.3	1036.7	1060.2
45°	1008.3	988.3	968.2	956.5	958.2	958.2	958.2	954.8	949.8	961.5	973.2
47.5°	971.5	948.1	924.7	913.0	909.7	906.3	902.9	901.3	897.9	906.3	913.0
50°	934.7	909.7	882.9	869.5	861.2	857.9	854.5	852.8	849.5	857.9	864.5
52.5°	906.3	876.2	846.1	824.4	816.0	811.0	806.0	807.7	807.7	811.0	812.7
55°	856.2	829.4	800.9	785.9	770.9	767.5	764.1	769.2	772.5	772.5	772.5
57.5°	800.9	775.9	749.2	739.1	725.8	725.8	724.1	730.7	735.7	739.1	742.4
60°	752.5	724.1	695.6	687.3	682.3	680.6	678.9	687.3	694.0	700.6	707.3
62.5°	707.3	677.2	647.1	637.1	635.4	637.1	637.1	645.5	652.2	658.9	665.5
65°	657.2	627.0	595.3	585.3	588.6	593.6	598.6	605.3	610.3	617.1	623.8
67.5°	602.0	576.9	550.2	540.1	541.8	548.5	555.2	560.1	563.5	570.2	576.9
70°	541.8	520.1	498.3	491.6	490.0	498.3	505.0	508.3	511.7	520.1	526.7
72.5°	476.6	458.1	439.8	434.8	436.4	441.5	446.5	451.5	454.9	463.2	469.9
75°	409.7	392.9	376.3	372.9	376.3	381.3	386.3	389.6	392.9	403.0	411.4
77.5°	344.5	326.0	306.0	304.3	309.4	314.4	317.8	322.7	327.7	341.1	354.5
80°	275.9	255.8	234.1	232.4	237.5	242.5	247.5	252.5	257.5	274.2	289.2
82.5°	202.3	179.0	155.5	152.2	168.9	173.9	179.0	187.2	193.9	209.0	224.0
85°	122.0	98.7	75.3	73.6	88.6	97.0	105.4	115.4	123.7	137.1	150.5
87.5°	13.4	6.7	0.0	0.0	1.7	8.4	15.1	23.4	31.8	45.2	56.8
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



REPORT NUMBER: P383647
 CATALOG NUMBER: GAN-SA9B-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: P383647
 CATALOG NUMBER: GAN-SA9B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1
2.5°	10712.1	10636.8	10713.7	10789.0	10820.8	10852.5	10770.6	10687.0	10817.4	10946.2	10979.6
5°	8775.6	8707.1	8758.9	8809.1	8697.0	8585.0	8573.3	8559.9	8656.9	8753.9	8768.9
7.5°	6802.4	6780.7	6829.2	6877.7	6735.6	6591.7	6521.5	6451.3	6474.7	6498.1	6494.7
10°	5071.7	5085.1	5145.3	5203.8	5093.5	4983.1	4934.6	4886.2	4939.6	4991.5	5040.0
12.5°	3799.2	3827.6	3891.2	3953.0	3907.9	3861.1	3866.1	3871.1	3933.0	3993.2	4046.7
15°	2951.4	2984.9	3030.0	3073.5	3075.1	3075.1	3118.6	3160.5	3155.4	3150.4	3187.2
17.5°	2443.1	2486.6	2491.5	2496.5	2498.2	2499.9	2496.5	2493.2	2468.1	2443.1	2471.5
20°	2091.9	2107.0	2120.3	2132.0	2117.0	2100.3	2058.4	2016.6	1999.9	1983.2	2010.0
22.5°	1903.0	1929.7	1916.3	1901.3	1871.2	1839.4	1807.7	1774.2	1772.5	1769.2	1784.2
25°	1744.1	1765.8	1742.5	1719.0	1697.3	1675.6	1653.8	1632.1	1630.4	1628.7	1635.4
27.5°	1611.9	1632.1	1610.3	1588.6	1570.2	1551.8	1535.1	1518.3	1515.0	1511.6	1513.3
30°	1498.3	1516.7	1498.3	1478.2	1464.9	1449.8	1438.1	1426.4	1424.7	1423.0	1423.0
32.5°	1396.3	1414.6	1401.3	1387.9	1376.2	1364.5	1356.1	1347.8	1339.4	1331.1	1312.6
35°	1307.6	1326.1	1317.7	1307.6	1294.3	1280.9	1265.9	1249.1	1227.4	1203.9	1194.0
37.5°	1232.4	1250.8	1242.4	1234.1	1215.7	1197.3	1170.5	1142.1	1135.4	1127.1	1125.4
40°	1172.2	1200.7	1183.9	1165.6	1137.0	1108.6	1095.3	1081.9	1078.5	1075.2	1071.8
42.5°	1105.3	1148.8	1118.7	1088.6	1061.9	1035.0	1031.8	1028.4	1026.8	1025.1	1025.1
45°	1021.7	1068.5	1038.4	1006.6	991.6	976.5	976.5	976.5	978.2	978.2	981.6
47.5°	943.1	971.5	956.5	941.4	933.0	924.7	926.4	928.1	933.0	936.4	944.8
50°	876.2	886.3	889.6	891.3	886.3	881.2	884.6	886.3	891.3	894.7	901.3
52.5°	827.8	842.8	842.8	841.1	841.1	841.1	844.4	847.8	852.8	857.9	864.5
55°	796.0	817.7	811.0	804.3	806.0	806.0	809.3	812.7	817.7	821.1	831.0
57.5°	765.8	789.3	782.6	775.9	775.9	775.9	777.6	779.2	784.3	787.6	794.3
60°	730.7	754.2	747.5	739.1	740.8	742.4	744.1	744.1	747.5	749.2	749.2
62.5°	689.0	712.4	705.6	697.3	702.3	705.6	705.6	705.6	709.0	710.7	705.6
65°	645.5	667.2	660.6	653.9	660.6	665.5	668.9	670.5	668.9	667.2	662.1
67.5°	598.6	620.4	613.7	605.3	613.7	620.4	627.0	632.1	627.0	622.1	615.4
70°	548.5	570.2	561.8	553.5	561.8	570.2	576.9	583.6	576.9	570.2	568.5
72.5°	494.9	520.1	510.0	500.0	510.0	520.1	523.4	526.7	521.8	516.7	513.4
75°	436.4	461.5	453.2	443.1	451.5	459.8	461.5	463.2	463.2	461.5	451.5
77.5°	374.6	394.6	389.6	384.6	389.6	394.6	394.6	394.6	396.3	396.3	383.0
80°	301.0	312.7	314.4	316.1	317.8	319.4	317.8	316.1	312.7	309.4	301.0
82.5°	224.0	224.0	237.5	249.2	249.2	247.5	245.8	242.5	235.8	227.4	209.0
85°	142.2	133.8	155.5	175.6	175.6	173.9	170.6	165.5	152.2	137.1	122.0
87.5°	48.5	40.1	61.9	83.7	85.2	85.2	82.0	78.6	65.2	50.2	38.5
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: P383647
 CATALOG NUMBER: GAN-SA9B-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: P383647

CATALOG NUMBER: GAN-SA9B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1
2.5°	11029.7	11051.5	11071.5	11235.4	11397.7	11588.3	11778.9	11924.4	12068.2	12217.0	12365.8
5°	8820.8	8847.6	8874.3	9073.3	9270.6	9536.4	9802.4	10031.5	10260.5	10529.7	10799.0
7.5°	6538.3	6596.8	6653.7	6866.0	7076.7	7362.7	7646.9	7946.2	8243.9	8595.0	8946.2
10°	5135.2	5245.6	5354.3	5571.8	5789.1	6071.7	6352.6	6665.3	6978.0	7324.2	7668.7
12.5°	4157.0	4304.2	4449.7	4710.6	4971.4	5309.2	5645.3	5993.1	6339.3	6643.6	6947.9
15°	3284.2	3444.7	3603.6	3879.4	4155.4	4526.6	4896.1	5275.7	5653.7	6018.2	6382.8
17.5°	2561.8	2693.8	2824.4	3058.5	3290.9	3650.4	4009.9	4407.9	4805.9	5250.7	5693.8
20°	2066.8	2122.0	2177.2	2346.1	2513.3	2805.9	3096.9	3503.3	3909.6	4441.3	4973.1
22.5°	1811.0	1839.4	1866.2	1948.1	2028.4	2217.4	2404.6	2764.1	3122.0	3702.2	4280.8
25°	1657.1	1678.8	1700.6	1754.1	1807.7	1897.9	1988.2	2240.7	2493.2	3063.5	3632.0
27.5°	1518.3	1551.8	1583.5	1608.7	1632.1	1693.9	1754.1	1919.6	2085.2	2617.0	3147.0
30°	1418.0	1429.7	1441.4	1479.9	1516.7	1580.2	1643.7	1759.1	1874.6	2324.3	2772.5
32.5°	1301.0	1317.7	1334.4	1374.5	1414.6	1473.2	1531.7	1625.4	1717.3	2101.9	2484.9
35°	1195.6	1212.3	1229.1	1269.2	1307.6	1371.2	1433.1	1511.6	1588.6	1923.0	2257.4
37.5°	1130.4	1147.1	1163.9	1199.0	1232.4	1296.0	1357.8	1419.7	1479.9	1789.2	2098.6
40°	1075.2	1092.0	1108.6	1142.1	1173.8	1235.8	1296.0	1347.8	1399.7	1688.9	1978.2
42.5°	1026.8	1045.1	1063.5	1097.0	1128.8	1183.9	1239.1	1307.6	1374.5	1602.0	1827.7
45°	986.6	1005.0	1021.7	1058.5	1095.3	1148.8	1202.3	1297.6	1392.9	1556.8	1720.7
47.5°	949.8	969.8	988.3	1028.4	1068.5	1135.4	1200.7	1280.9	1359.5	1521.7	1683.9
50°	914.7	938.1	961.5	1010.0	1056.8	1168.8	1279.2	1290.9	1301.0	1493.3	1683.9
52.5°	881.2	908.0	934.7	995.0	1053.5	1183.9	1314.3	1272.5	1229.1	1439.7	1650.4
55°	847.8	871.2	893.0	966.5	1040.1	1135.4	1230.8	1175.5	1118.7	1339.4	1560.2
57.5°	802.6	827.8	851.2	929.8	1008.3	1075.2	1140.4	1090.3	1038.4	1225.7	1411.3
60°	755.9	784.3	812.7	913.0	1011.7	999.9	986.6	976.5	964.9	1098.7	1232.4
62.5°	714.0	744.1	774.2	904.6	1035.0	954.8	874.5	882.9	889.6	988.3	1086.9
65°	672.2	702.3	730.7	796.0	861.2	829.4	797.6	811.0	822.7	919.7	1016.7
67.5°	625.4	652.2	677.2	698.9	720.7	724.1	727.4	740.8	754.2	869.5	983.2
70°	573.6	595.3	617.1	632.1	645.5	652.2	657.2	673.9	690.6	816.0	941.4
72.5°	515.1	533.4	550.2	563.5	576.9	581.9	585.3	602.0	618.7	752.5	886.3
75°	451.5	466.5	479.9	491.6	503.3	510.0	516.7	528.4	540.1	685.6	829.4
77.5°	381.3	396.3	409.7	419.8	428.0	434.8	439.8	454.9	469.9	592.0	712.4
80°	297.6	316.1	332.7	341.1	347.8	349.5	349.5	362.8	376.3	463.2	548.5
82.5°	210.7	230.7	249.2	255.8	262.5	262.5	262.5	277.6	292.6	351.2	408.0
85°	123.7	145.5	165.5	172.2	179.0	182.3	184.0	190.6	195.6	237.5	277.6
87.5°	38.5	56.8	73.6	76.9	80.3	86.9	93.6	95.3	95.3	123.7	152.2
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: P383647

CATALOG NUMBER: GAN-SA9B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1	12742.1
2.5°	12536.4	12707.0	12905.9	13103.2	13272.1	13441.0	13581.5
5°	11141.8	11484.6	11904.3	12322.3	12695.2	13068.1	13501.2
7.5°	9389.3	9832.5	10375.9	10919.4	11446.1	11971.2	12636.7
10°	8120.1	8570.0	9145.2	9718.7	10310.7	10901.0	11653.5
12.5°	7314.1	7678.7	8235.5	8792.3	9488.0	10181.9	10906.0
15°	6782.4	7180.4	7722.2	8263.9	9024.8	9785.6	10618.4
17.5°	6215.6	6735.6	7429.6	8123.5	9024.8	9924.4	10906.0
20°	5621.9	6269.0	7168.6	8068.3	9282.3	10494.6	11747.1
22.5°	5030.0	5779.0	6932.9	8085.0	9671.9	11257.2	12947.8
25°	4496.5	5361.1	6789.1	8215.4	10238.8	12260.5	14357.4
27.5°	4091.8	5034.9	6730.5	8424.5	10957.9	13491.2	15890.8
30°	3732.3	4692.1	6660.3	8628.5	11650.1	14670.1	17089.8
32.5°	3421.3	4357.7	6524.8	8690.3	12133.4	15576.4	18104.8
35°	3177.1	4096.9	6297.4	8498.0	12436.1	16374.1	19161.6
37.5°	2966.4	3834.3	6038.3	8242.2	12705.3	17168.3	20350.5
40°	2765.8	3553.4	5815.8	8076.7	13076.5	18076.3	21606.3
42.5°	2575.2	3322.6	5637.0	7951.2	13421.0	18889.0	22705.0
45°	2433.0	3145.4	5478.1	7809.1	13643.4	19477.6	23532.7
47.5°	2362.8	3040.0	5392.8	7743.9	13865.8	19986.0	24220.0
50°	2352.8	3021.7	5489.8	7957.9	14347.3	20735.1	25005.9
52.5°	2351.1	3051.7	5769.1	8486.3	15242.0	21996.0	25857.1
55°	2316.0	3070.1	6101.8	9131.8	16442.7	23751.8	27387.1
57.5°	2209.0	3006.6	6444.6	9880.9	17711.8	25541.0	29111.1
60°	2043.4	2852.8	6727.2	10600.0	18564.6	26527.6	29775.0
62.5°	1836.1	2583.6	6820.9	11056.5	18541.2	26025.9	29106.1
65°	1658.8	2300.9	6513.2	10723.7	17603.1	24480.8	27783.4
67.5°	1501.7	2018.3	5743.9	9468.0	15915.9	22362.2	26101.2
70°	1387.9	1832.7	4752.4	7672.0	13804.0	19934.2	24153.1
72.5°	1316.0	1744.1	3874.5	6003.2	11202.0	16399.2	20659.9
75°	1217.3	1605.3	3040.0	4473.1	8573.3	12673.5	15604.8
77.5°	1033.4	1352.8	2290.9	3229.0	6290.7	9350.9	10852.5
80°	797.6	1045.1	1575.2	2105.3	4329.3	6553.3	7399.5
82.5°	568.5	729.0	954.8	1180.6	2876.2	4570.1	4640.3
85°	351.2	424.7	546.8	668.9	1903.0	3137.0	2613.6
87.5°	188.9	225.7	289.2	351.2	608.7	866.2	498.3
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: P383647
CATALOG NUMBER: GAN-SA9B-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)