

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: P320278

Luminaire Tested: **GAN-SA4B-730-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320278
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-SA4B-730-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3000K, 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: 18449 lumens
Efficiency: N/A
Efficacy: 107.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G4

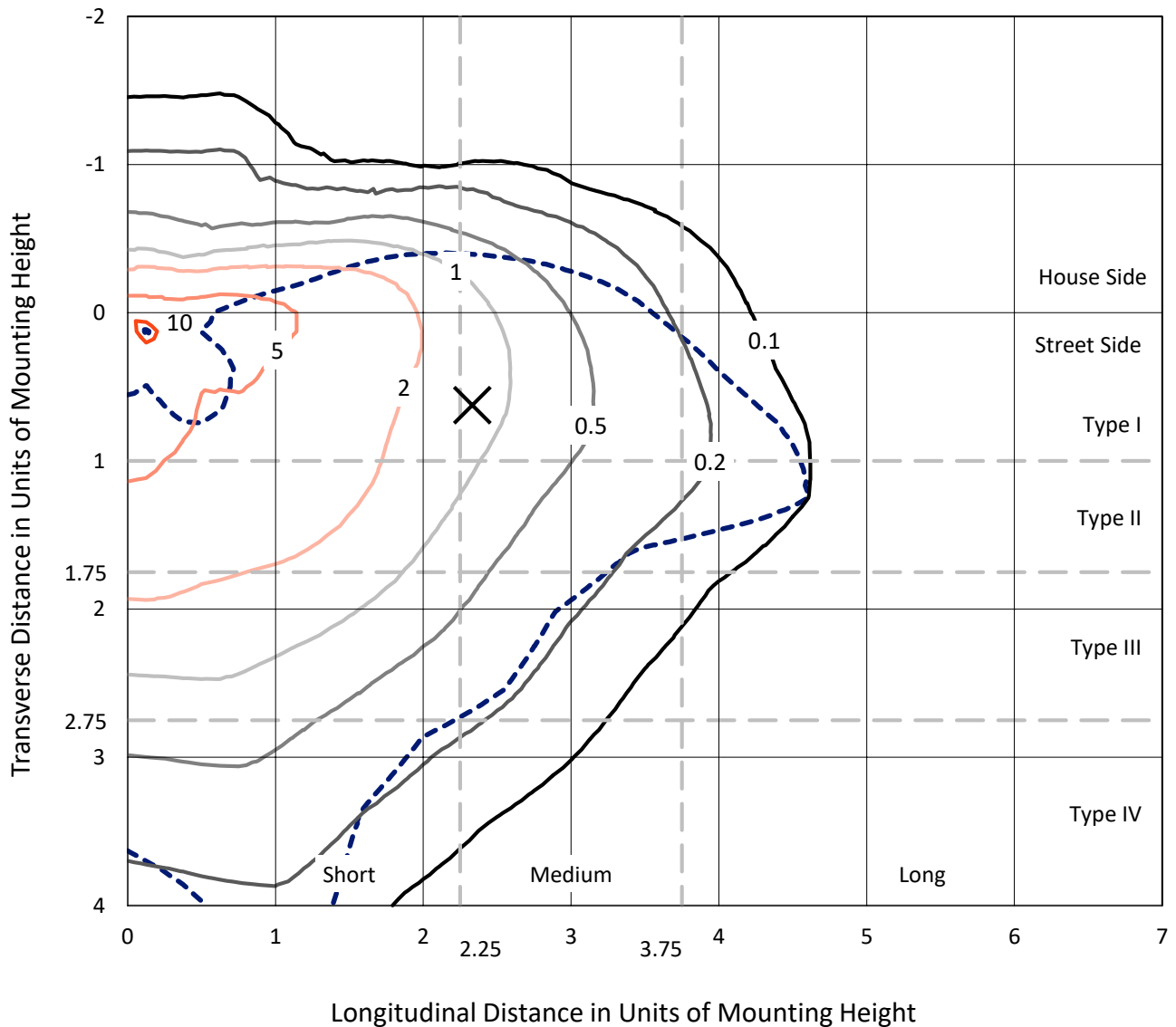
Input Watts (W): 171
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

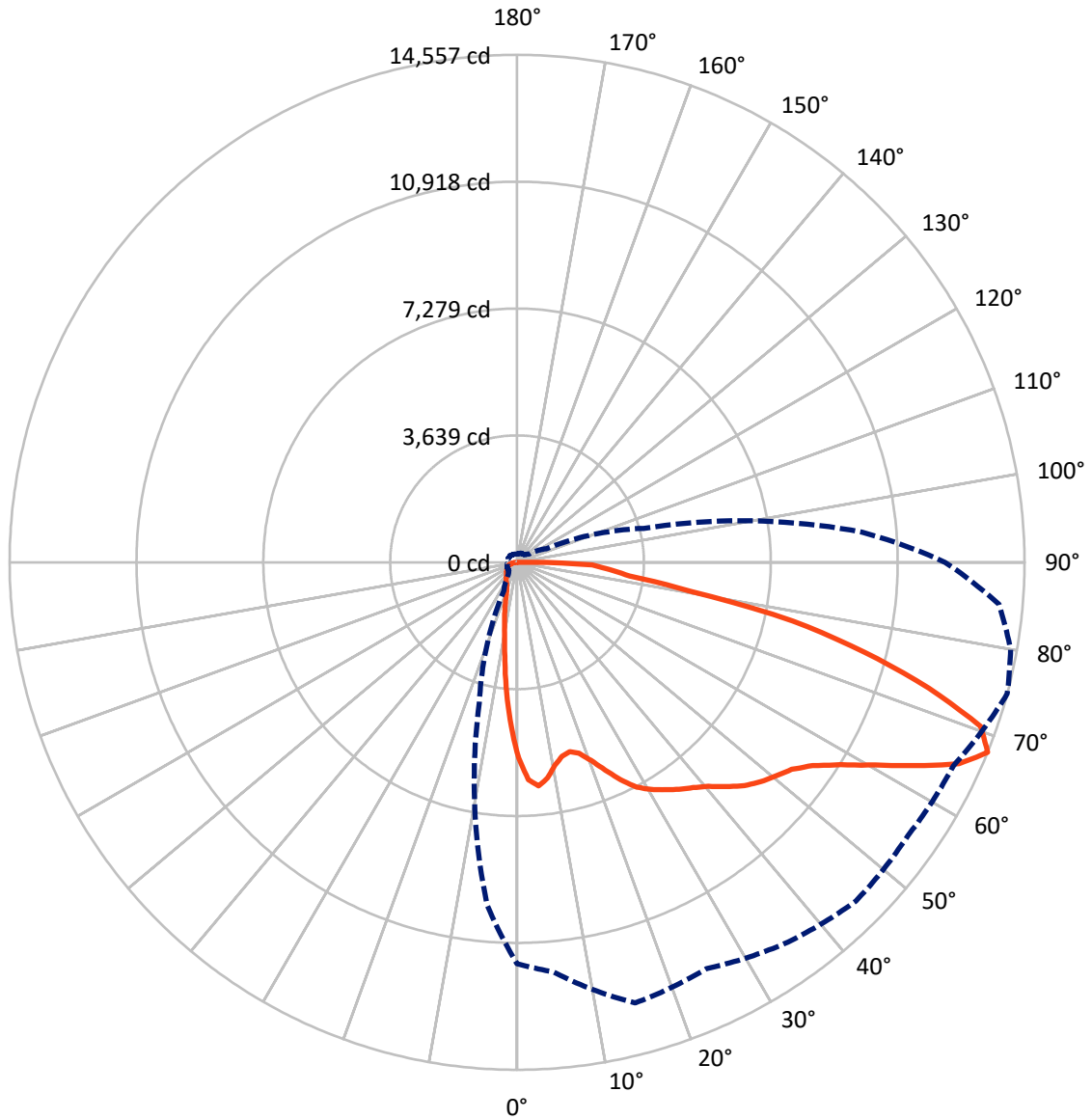
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.3 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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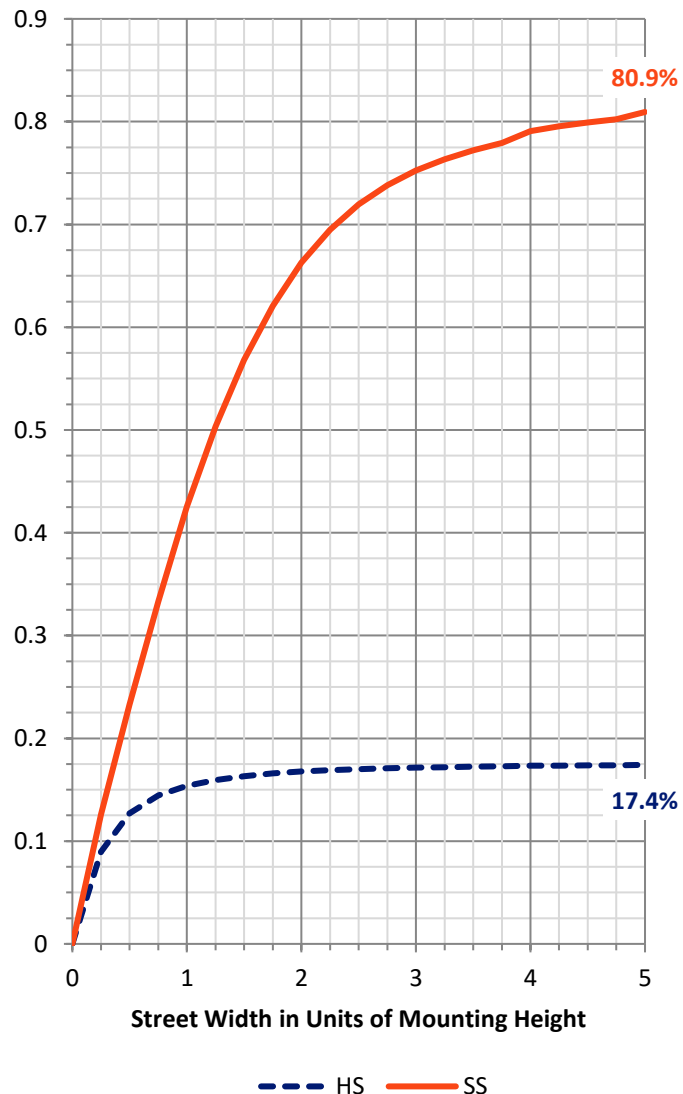
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3249.3	0.0	3249.3
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	15199.7	0.0	15199.7
	% Fixture	82.4	0.0	82.4
Total	Lumens	18449.0	0.0	18449.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	433.8	2.4
10°-20°	901.1	4.9
20°-30°	1281.6	6.9
30°-40°	1846.8	10.0
40°-50°	2602.7	14.1
50°-60°	3618.2	19.6
60°-70°	4375.4	23.7
70°-80°	2689.5	14.6
80°-90°	699.9	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°	18449.0	100.0
0°-180°	18449.0	100.0

Coefficient of Utilization

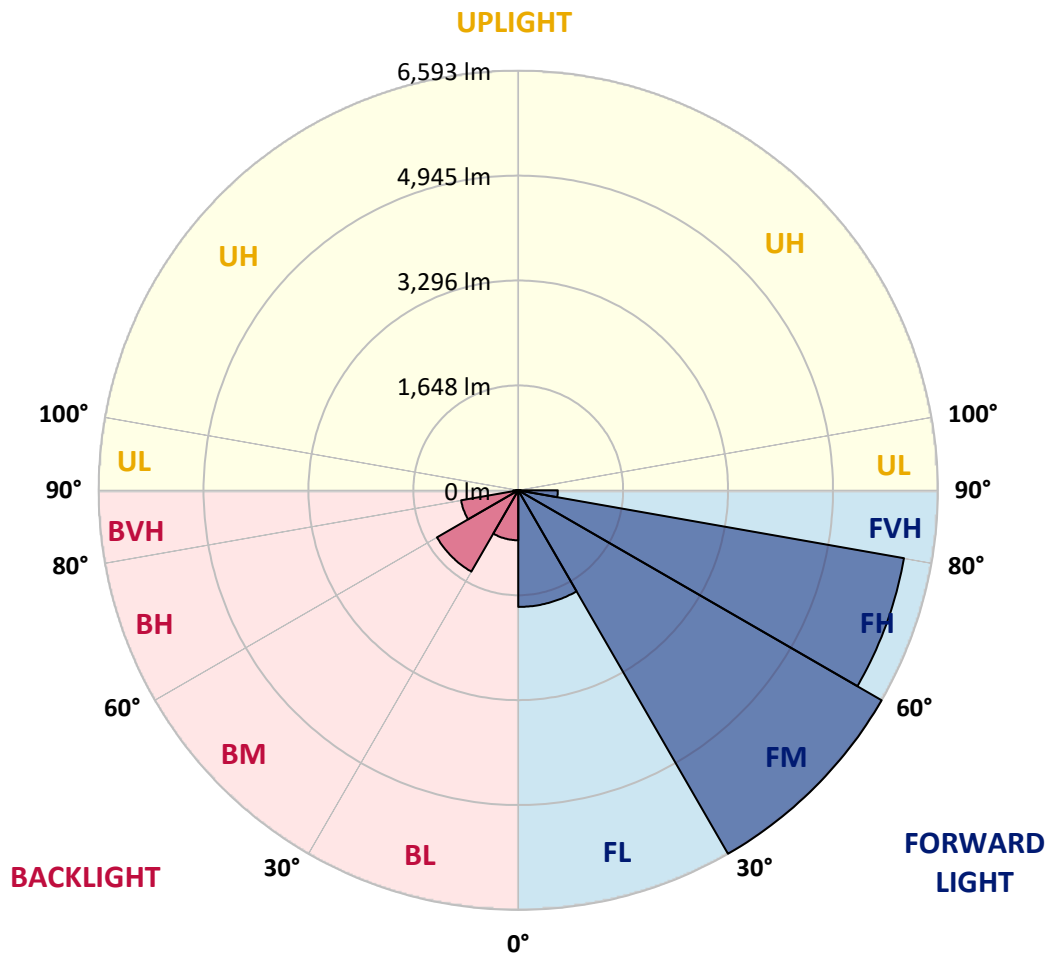


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1831.8	9.9			
FM (30°-60°)	6592.7	35.7			
FH (60°-80°)	6154.0	33.4			G3/7500
FVH (80°-90°)	621.2	3.4			G4/750
BL (0°-30°)	784.7	4.3	B2/1000		
BM (30°-60°)	1474.9	8.0	B2/2500		
BH (60°-80°)	911.0	4.9	B2/1000		G2/1000
BVH (80°-90°)	78.6	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°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	5990.9	6069.8	6124.4	6178.2	6220.2	6261.6	6322.0	6382.5	6394.3	6405.4	6381.8
5°	5955.4	6148.0	6311.7	6474.7	6625.9	6777.1	6867.9	6958.6	6977.0	6995.5	6938.7
7.5°	5574.1	5858.1	6142.1	6426.0	6686.4	6946.8	7105.4	7263.2	7299.4	7334.8	7241.8
10°	5140.4	5470.8	5819.7	6168.6	6511.6	6854.6	7084.0	7313.4	7359.1	7404.8	7289.0
12.5°	4810.7	5171.4	5543.9	5916.4	6278.5	6639.9	6877.5	7115.0	7171.8	7228.6	7144.5
15°	4683.8	5079.2	5429.5	5779.9	6095.6	6410.6	6605.3	6799.3	6822.9	6845.7	6832.5
17.5°	4810.7	5246.6	5563.8	5880.2	6052.1	6223.2	6301.4	6378.8	6404.7	6429.7	6463.7
20°	5181.7	5652.3	5875.8	6098.5	6091.2	6083.1	6045.4	6007.1	6000.4	5993.8	6089.7
22.5°	5711.3	6257.9	6347.1	6435.6	6228.4	6021.1	5895.0	5768.1	5743.0	5717.2	5819.0
25°	6333.1	6915.1	6898.8	6881.9	6487.3	6091.9	5851.4	5611.0	5583.0	5554.9	5642.0
27.5°	7009.5	7565.6	7459.4	7353.2	6817.0	6280.7	5931.8	5583.0	5554.9	5526.9	5603.6
30°	7538.4	8042.9	7872.5	7702.1	7095.1	6488.0	6073.5	5658.9	5613.2	5566.7	5661.1
32.5°	7986.1	8415.4	8186.7	7958.1	7320.8	6683.5	6235.0	5786.5	5715.0	5643.4	5769.6
35°	8452.3	8787.1	8465.5	8143.2	7522.1	6900.3	6426.0	5951.0	5863.2	5775.5	5948.8
37.5°	8976.7	9254.8	8793.0	8330.5	7748.6	7166.6	6712.2	6257.1	6167.1	6077.2	6298.4
40°	9530.6	9762.2	9146.3	8530.4	7996.4	7462.4	7108.3	6753.5	6668.0	6581.7	6850.2
42.5°	10015.2	10184.2	9475.3	8766.5	8295.1	7823.1	7573.8	7323.7	7323.0	7321.5	7593.7
45°	10380.4	10527.1	9749.7	8971.5	8586.5	8200.7	8070.9	7941.1	8045.1	8149.1	8395.5
47.5°	10683.5	10783.1	9979.8	9175.8	8919.9	8663.9	8683.1	8702.3	8914.0	9125.7	9284.3
50°	11030.2	10949.8	10188.6	9426.6	9347.7	9268.8	9441.4	9613.2	9856.7	10099.3	10207.0
52.5°	11405.6	11192.5	10471.8	9750.4	9839.0	9927.5	10278.6	10629.7	10875.3	11120.9	11161.5
55°	12080.5	11753.8	10992.6	10230.6	10401.0	10570.7	11086.3	11601.1	11792.9	11984.7	11999.4
57.5°	12841.0	12551.1	11722.1	10893.0	11075.9	11258.9	11854.1	12448.6	12655.9	12862.4	12833.6
60°	13133.9	13147.9	12414.7	11680.8	11865.2	12049.6	12629.3	13209.1	13447.3	13684.8	13621.4
62.5°	12838.8	13184.7	12793.1	12400.7	12568.1	12734.8	13302.8	13870.7	14114.9	14359.0	14248.4
65°	12255.4	12598.3	12773.9	12949.4	13004.8	13060.1	13590.4	14120.0	14307.4	14494.0	14437.9
67.5°	11513.3	11790.7	12438.3	13085.2	12973.8	12862.4	13111.0	13359.6	13552.1	13744.6	13712.9
70°	10654.0	10984.5	11848.2	12711.9	12164.6	11616.6	11514.1	11411.5	11619.5	11826.8	11698.5
72.5°	9113.1	9611.8	10533.0	11453.6	10445.3	9437.0	9086.6	8736.2	8999.6	9262.9	9058.6
75°	6883.4	7545.0	8562.9	9580.1	8377.0	7174.0	6706.3	6238.7	6465.1	6691.6	6551.4
77.5°	4787.1	5616.9	6619.3	7621.7	6398.8	5175.1	4827.6	4479.5	4547.4	4614.5	4590.9
80°	3263.9	3809.7	4509.0	5207.5	4393.2	3578.9	3606.2	3632.7	3601.0	3568.5	3615.8
82.5°	2046.9	2431.2	2971.1	3510.3	3078.0	2645.8	2893.6	3141.5	3019.8	2897.3	2943.1
85°	1152.9	1387.4	1915.6	2443.0	2277.0	2110.3	2255.6	2400.2	2211.3	2022.5	2105.9
87.5°	219.8	365.9	1059.9	1753.3	1591.8	1430.2	1242.9	1055.5	805.5	555.4	811.4
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°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	6358.2	6345.6	6333.1	6288.1	6242.4	6174.5	6118.5	6021.1	5968.0	5887.6	5807.2
5°	6881.1	6801.5	6721.8	6584.6	6446.7	6293.3	6117.0	5921.5	5774.0	5582.2	5390.4
7.5°	7148.9	6963.0	6776.4	6513.1	6249.0	6011.5	5732.7	5473.1	5251.8	5002.5	4753.1
10°	7173.2	6894.4	6614.9	6272.6	5929.6	5641.2	5320.4	5032.0	4766.4	4480.2	4193.3
12.5°	7059.6	6763.1	6465.9	6089.0	5711.3	5383.8	5038.6	4715.5	4421.2	4106.3	3790.6
15°	6819.2	6582.4	6344.9	5991.6	5638.3	5307.8	4973.0	4590.1	4257.5	3935.1	3612.1
17.5°	6496.9	6384.7	6271.9	6016.7	5760.7	5474.5	5150.0	4700.8	4311.3	3961.0	3610.6
20°	6184.8	6226.2	6266.7	6164.9	6063.1	5833.7	5550.5	5046.0	4548.8	4090.8	3632.0
22.5°	5920.0	6118.5	6316.1	6395.1	6473.2	6335.3	6114.0	5530.6	4872.6	4274.4	3676.2
25°	5728.3	6057.2	6386.2	6648.8	6910.7	6849.4	6679.0	6119.2	5301.9	4539.2	3775.8
27.5°	5680.3	6083.8	6487.3	6894.4	7300.8	7357.6	7310.4	6739.5	5813.8	4868.2	3921.9
30°	5755.6	6164.2	6572.1	7067.8	7562.7	7789.1	7852.6	7256.6	6398.8	5251.8	4104.1
32.5°	5895.7	6296.2	6696.7	7236.7	7775.9	8118.1	8320.2	7729.4	6806.6	5540.9	4274.4
35°	6122.1	6496.9	6871.6	7433.6	7995.7	8438.2	8807.0	8217.7	7168.8	5743.0	4316.5
37.5°	6519.0	6841.3	7163.7	7682.9	8201.5	8775.3	9329.3	8755.4	7560.5	5937.7	4314.3
40°	7118.7	7346.6	7573.8	8012.6	8450.8	9172.9	9920.8	9355.1	7993.5	6148.7	4303.9
42.5°	7865.9	7983.1	8099.7	8447.1	8794.5	9588.2	10457.8	9941.5	8406.5	6344.9	4283.3
45°	8641.1	8672.1	8703.0	8922.1	9140.4	9917.1	10823.7	10381.8	8767.2	6515.3	4262.6
47.5°	9442.1	9335.9	9229.7	9316.7	9403.8	10169.4	11084.8	10716.0	9129.4	6704.1	4278.1
50°	10314.7	10018.9	9723.2	9677.4	9631.7	10421.7	11392.4	11140.8	9564.6	6979.2	4393.9
52.5°	11201.3	10713.8	10226.2	10045.5	9864.0	10722.6	11800.3	11669.7	10185.6	7405.6	4624.8
55°	12014.2	11393.8	10773.5	10530.1	10286.7	11182.9	12298.1	12446.4	10981.5	7950.7	4919.1
57.5°	12804.1	12101.2	11398.3	11172.6	10946.8	11859.3	12928.8	13143.4	11785.5	8473.6	5161.0
60°	13558.0	12862.4	12166.1	11985.4	11803.9	12700.1	13610.3	13454.0	12200.0	8718.5	5236.3
62.5°	14137.7	13584.5	13031.3	12936.2	12840.3	13550.6	14134.0	13333.0	11936.7	8477.3	5017.9
65°	14381.9	14066.9	13751.2	13840.5	13929.0	14193.8	14264.6	12979.0	11109.1	7801.7	4494.2
67.5°	13680.4	13744.6	13808.8	14183.5	14557.4	14375.2	13876.6	12281.2	9931.2	6844.3	3757.4
70°	11569.4	11954.4	12338.7	13225.3	14111.2	13707.0	12837.3	11028.7	8513.5	5741.5	2968.9
72.5°	8853.5	9286.5	9718.7	11034.6	12349.8	11977.3	10912.2	9058.6	6825.8	4585.0	2343.4
75°	6410.6	6899.6	7387.9	8839.5	10291.1	9774.0	8162.4	6485.8	5184.6	3500.0	1814.5
77.5°	4566.5	4894.0	5221.5	6655.4	8088.6	7246.3	5433.2	4364.4	3588.5	2432.6	1276.1
80°	3663.0	3562.6	3462.3	4261.2	5060.0	4919.8	3593.6	2802.9	2483.5	1630.1	776.7
82.5°	2988.1	2743.2	2498.3	2874.5	3250.6	3230.0	2493.9	2056.5	1848.4	1133.0	417.5
85°	2188.5	2090.4	1992.3	2324.9	2657.6	2373.6	1689.1	1307.0	1441.3	834.2	227.2
87.5°	1067.3	1219.3	1370.5	1762.9	2154.6	1617.6	512.6	253.7	351.1	230.9	109.9
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: P320278
 CATALOG NUMBER: GAN-SA4B-730-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: P320278

CATALOG NUMBER: GAN-SA4B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	5747.4	5687.0	5618.4	5549.8	5471.6	5392.7	5346.2	5299.0	5248.1	5197.2	5139.7
5°	5263.6	5136.7	4992.9	4849.0	4706.7	4564.3	4487.6	4410.9	4329.8	4247.9	4177.1
7.5°	4568.7	4383.6	4184.5	3984.6	3807.5	3629.8	3519.9	3409.2	3308.9	3207.9	3123.0
10°	3957.3	3721.2	3521.3	3320.7	3187.2	3053.7	2952.6	2851.6	2754.2	2656.1	2562.5
12.5°	3554.5	3318.5	3191.6	3064.8	2954.1	2843.5	2726.9	2609.7	2476.2	2341.9	2243.8
15°	3397.4	3182.8	3041.9	2900.3	2752.0	2603.0	2459.9	2316.8	2159.0	2001.1	1889.8
17.5°	3329.6	3048.5	2851.6	2653.9	2458.4	2263.0	2097.0	1931.1	1758.5	1585.9	1473.0
20°	3258.0	2884.0	2620.0	2355.2	2104.4	1853.6	1665.5	1477.4	1323.3	1169.1	1082.8
22.5°	3193.1	2709.2	2378.0	2046.1	1749.6	1453.1	1268.7	1083.5	989.1	894.7	860.1
25°	3166.6	2556.5	2149.4	1742.2	1429.5	1116.0	984.7	853.4	817.3	780.4	762.7
27.5°	3171.0	2420.1	1956.9	1492.9	1211.2	929.4	839.4	749.4	727.3	704.4	693.4
30°	3187.9	2271.8	1775.4	1279.0	1046.7	814.3	756.0	697.0	673.4	649.8	635.8
32.5°	3207.1	2139.1	1635.3	1130.8	941.2	750.9	702.9	654.3	631.4	608.5	594.5
35°	3173.9	2030.6	1539.4	1048.1	873.3	697.8	657.2	615.9	590.8	565.7	552.5
37.5°	3117.9	1921.5	1464.9	1007.6	829.1	649.8	620.3	590.1	564.3	537.7	525.2
40°	3067.0	1829.3	1409.6	989.1	804.7	619.6	594.5	569.4	542.9	515.6	500.8
42.5°	3025.7	1767.3	1355.0	942.7	782.6	621.8	586.4	550.3	524.4	498.6	482.4
45°	2994.7	1726.7	1312.2	897.7	761.9	626.2	581.2	536.2	510.4	483.9	464.7
47.5°	2991.7	1705.4	1282.0	858.6	722.9	586.4	568.0	549.5	511.9	473.5	451.4
50°	3032.3	1670.7	1246.6	821.7	685.2	548.8	573.9	598.2	534.0	469.1	441.1
52.5°	3117.1	1609.5	1190.5	771.5	639.5	506.7	545.8	584.2	528.9	472.8	436.7
55°	3219.7	1519.5	1105.7	691.1	579.0	466.2	500.8	534.8	500.1	464.7	421.2
57.5°	3283.8	1405.9	998.7	591.6	511.2	430.8	450.7	469.9	455.8	441.8	397.6
60°	3245.5	1254.7	878.5	501.6	451.4	401.3	397.6	393.1	413.8	434.5	383.6
62.5°	3058.1	1098.3	772.3	446.3	408.6	370.3	362.2	353.3	387.2	420.4	366.6
65°	2741.7	989.1	705.2	421.2	379.1	337.1	328.2	319.4	329.7	340.0	315.0
67.5°	2339.7	922.0	666.8	411.6	360.7	309.1	298.7	288.4	286.2	284.0	275.1
70°	1925.2	880.7	641.7	402.7	340.8	278.1	268.5	258.9	256.0	252.3	245.6
72.5°	1609.5	875.5	638.8	402.0	324.5	247.1	238.2	229.4	225.7	221.3	216.1
75°	1318.1	821.7	606.3	390.9	302.4	213.2	205.1	196.9	194.0	190.3	185.9
77.5°	978.1	680.1	509.7	339.3	258.9	178.5	170.4	161.5	160.8	159.3	155.6
80°	634.3	492.0	364.4	236.8	188.8	140.1	133.5	126.1	126.9	127.6	124.7
82.5°	352.6	286.9	222.8	158.6	129.1	99.6	96.6	92.9	95.2	96.6	92.9
85°	185.9	144.6	119.5	94.4	74.5	54.6	54.6	53.8	56.8	59.7	56.8
87.5°	80.4	50.9	43.5	35.4	19.9	3.7	4.4	4.4	5.9	7.4	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320278
 CATALOG NUMBER: GAN-SA4B-730-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: P320278
 CATALOG NUMBER: GAN-SA4B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	5081.4	5027.5	4973.0	4913.2	4924.3	4878.5	4832.8	4804.0	4775.3	4766.4	4757.6
5°	4106.3	4045.0	3983.1	3927.8	3975.7	3943.3	3910.8	3906.4	3901.2	3901.2	3900.5
7.5°	3038.2	2972.6	2906.2	2860.4	2907.7	2901.8	2895.8	2927.6	2959.3	2985.1	3010.2
10°	2468.8	2389.1	2308.7	2240.9	2229.1	2195.1	2160.5	2167.8	2174.5	2202.5	2230.5
12.5°	2145.7	2050.6	1955.4	1875.7	1839.6	1783.5	1726.7	1691.3	1655.9	1659.6	1662.6
15°	1777.6	1685.4	1592.5	1523.9	1501.0	1457.5	1414.0	1369.7	1324.7	1306.3	1287.1
17.5°	1359.4	1285.7	1211.2	1165.4	1165.4	1152.9	1140.3	1118.2	1095.3	1076.9	1057.7
20°	996.5	957.4	917.6	898.4	904.3	905.0	905.0	916.1	927.2	921.3	915.4
22.5°	824.6	810.6	796.6	788.5	791.5	792.2	792.9	803.3	812.8	820.2	826.9
25°	744.2	735.4	726.5	723.6	730.2	731.0	731.0	737.6	744.2	751.6	759.0
27.5°	681.5	677.9	674.2	669.0	675.6	675.6	674.9	682.3	688.9	695.6	701.5
30°	621.8	623.3	624.0	622.5	627.0	629.9	632.1	637.3	641.7	646.9	652.0
32.5°	579.8	577.5	575.3	573.9	583.4	588.6	593.8	598.9	603.4	605.6	607.8
35°	539.2	534.0	528.9	525.2	534.0	540.7	547.3	556.9	565.7	567.2	568.7
37.5°	511.9	505.3	498.6	494.2	497.9	500.8	503.8	514.1	524.4	530.3	535.5
40°	486.1	479.4	472.8	469.1	471.3	472.1	472.8	478.0	482.4	493.5	503.8
42.5°	465.4	457.3	449.2	444.8	446.3	447.7	448.5	447.7	447.0	457.3	467.6
45°	444.8	435.9	427.1	421.9	422.6	422.6	422.6	421.2	419.0	424.1	429.3
47.5°	428.6	418.2	407.9	402.7	401.3	399.8	398.3	397.6	396.1	399.8	402.7
50°	412.3	401.3	389.5	383.6	379.9	378.4	376.9	376.2	374.7	378.4	381.3
52.5°	399.8	386.5	373.2	363.6	360.0	357.7	355.5	356.3	356.3	357.7	358.5
55°	377.7	365.9	353.3	346.7	340.0	338.6	337.1	339.3	340.8	340.8	340.8
57.5°	353.3	342.3	330.4	326.0	320.1	320.1	319.4	322.3	324.5	326.0	327.5
60°	331.9	319.4	306.8	303.2	300.9	300.2	299.5	303.2	306.1	309.1	312.0
62.5°	312.0	298.7	285.5	281.0	280.3	281.0	281.0	284.7	287.7	290.6	293.6
65°	289.9	276.6	262.6	258.2	259.6	261.9	264.1	267.0	269.2	272.2	275.1
67.5°	265.5	254.5	242.7	238.2	239.0	241.9	244.9	247.1	248.6	251.5	254.5
70°	239.0	229.4	219.8	216.9	216.1	219.8	222.8	224.2	225.7	229.4	232.3
72.5°	210.2	202.1	194.0	191.8	192.5	194.7	196.9	199.2	200.6	204.3	207.3
75°	180.7	173.3	166.0	164.5	166.0	168.2	170.4	171.9	173.3	177.8	181.5
77.5°	151.9	143.8	135.0	134.2	136.5	138.7	140.1	142.4	144.6	150.5	156.4
80°	121.7	112.9	103.3	102.5	104.7	107.0	109.2	111.4	113.6	121.0	127.6
82.5°	89.3	78.9	68.6	67.1	74.5	76.7	78.9	82.6	85.6	92.2	98.8
85°	53.8	43.5	33.2	32.5	39.1	42.8	46.5	50.9	54.6	60.5	66.4
87.5°	5.9	3.0	0.0	0.0	0.7	3.7	6.6	10.3	14.0	19.9	25.1
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: P320278
 CATALOG NUMBER: GAN-SA4B-730-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: P320278
 CATALOG NUMBER: GAN-SA4B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	4725.1	4691.9	4725.9	4759.0	4773.1	4787.1	4750.9	4714.1	4771.6	4828.4	4843.1
5°	3871.0	3840.7	3863.6	3885.7	3836.3	3786.9	3781.7	3775.8	3818.6	3861.4	3868.0
7.5°	3000.6	2991.0	3012.4	3033.8	2971.1	2907.7	2876.7	2845.7	2856.0	2866.3	2864.9
10°	2237.2	2243.1	2269.6	2295.4	2246.8	2198.1	2176.7	2155.3	2178.9	2201.8	2223.2
12.5°	1675.8	1688.4	1716.4	1743.7	1723.8	1703.1	1705.4	1707.6	1734.9	1761.4	1785.0
15°	1301.9	1316.6	1336.5	1355.7	1356.5	1356.5	1375.6	1394.1	1391.9	1389.7	1405.9
17.5°	1077.6	1096.8	1099.0	1101.2	1102.0	1102.7	1101.2	1099.8	1088.7	1077.6	1090.2
20°	922.7	929.4	935.3	940.5	933.8	926.4	908.0	889.6	882.2	874.8	886.6
22.5°	839.4	851.2	845.3	838.7	825.4	811.4	797.4	782.6	781.9	780.4	787.0
25°	769.3	778.9	768.6	758.3	748.7	739.1	729.5	719.9	719.2	718.4	721.4
27.5°	711.1	719.9	710.3	700.7	692.6	684.5	677.1	669.7	668.3	666.8	667.5
30°	660.9	669.0	660.9	652.0	646.1	639.5	634.3	629.2	628.4	627.7	627.7
32.5°	615.9	624.0	618.1	612.2	607.1	601.9	598.2	594.5	590.8	587.1	579.0
35°	576.8	584.9	581.2	576.8	570.9	565.0	558.4	551.0	541.4	531.1	526.7
37.5°	543.6	551.7	548.0	544.4	536.2	528.1	516.3	503.8	500.8	497.1	496.4
40°	517.1	529.6	522.2	514.1	501.6	489.0	483.1	477.2	475.8	474.3	472.8
42.5°	487.6	506.7	493.5	480.2	468.4	456.6	455.1	453.6	452.9	452.2	452.2
45°	450.7	471.3	458.1	444.0	437.4	430.8	430.8	430.8	431.5	431.5	433.0
47.5°	416.0	428.6	421.9	415.3	411.6	407.9	408.6	409.4	411.6	413.1	416.7
50°	386.5	390.9	392.4	393.1	390.9	388.7	390.2	390.9	393.1	394.6	397.6
52.5°	365.1	371.8	371.8	371.0	371.0	371.0	372.5	374.0	376.2	378.4	381.3
55°	351.1	360.7	357.7	354.8	355.5	355.5	357.0	358.5	360.7	362.2	366.6
57.5°	337.8	348.2	345.2	342.3	342.3	342.3	343.0	343.7	345.9	347.4	350.4
60°	322.3	332.7	329.7	326.0	326.8	327.5	328.2	328.2	329.7	330.4	330.4
62.5°	303.9	314.2	311.3	307.6	309.8	311.3	311.3	311.3	312.7	313.5	311.3
65°	284.7	294.3	291.4	288.4	291.4	293.6	295.0	295.8	295.0	294.3	292.1
67.5°	264.1	273.7	270.7	267.0	270.7	273.7	276.6	278.8	276.6	274.4	271.4
70°	241.9	251.5	247.8	244.1	247.8	251.5	254.5	257.4	254.5	251.5	250.8
72.5°	218.3	229.4	225.0	220.5	225.0	229.4	230.9	232.3	230.1	227.9	226.4
75°	192.5	203.6	199.9	195.5	199.2	202.8	203.6	204.3	204.3	203.6	199.2
77.5°	165.2	174.1	171.9	169.6	171.9	174.1	174.1	174.1	174.8	174.8	168.9
80°	132.8	137.9	138.7	139.4	140.1	140.9	140.1	139.4	137.9	136.5	132.8
82.5°	98.8	98.8	104.7	109.9	109.9	109.2	108.4	107.0	104.0	100.3	92.2
85°	62.7	59.0	68.6	77.4	77.4	76.7	75.2	73.0	67.1	60.5	53.8
87.5°	21.4	17.7	27.3	36.9	37.6	37.6	36.1	34.7	28.8	22.1	17.0
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: P320278
 CATALOG NUMBER: GAN-SA4B-730-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: P320278

CATALOG NUMBER: GAN-SA4B-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	4865.3	4874.9	4883.7	4956.0	5027.5	5111.6	5195.7	5259.9	5323.3	5389.0	5454.6
5°	3890.9	3902.7	3914.5	4002.3	4089.3	4206.6	4323.9	4424.9	4526.0	4644.7	4763.5
7.5°	2884.0	2909.9	2934.9	3028.6	3121.6	3247.7	3373.1	3505.1	3636.4	3791.3	3946.2
10°	2265.2	2313.9	2361.8	2457.7	2553.6	2678.3	2802.2	2940.1	3078.0	3230.7	3382.7
12.5°	1833.7	1898.6	1962.8	2077.8	2192.9	2341.9	2490.2	2643.6	2796.3	2930.5	3064.8
15°	1448.7	1519.5	1589.5	1711.3	1833.0	1996.7	2159.7	2327.2	2493.9	2654.7	2815.5
17.5°	1130.0	1188.3	1245.8	1349.1	1451.6	1610.2	1768.8	1944.3	2119.9	2316.1	2511.6
20°	911.7	936.0	960.4	1034.9	1108.6	1237.7	1366.1	1545.3	1724.5	1959.1	2193.6
22.5°	798.8	811.4	823.2	859.3	894.7	978.1	1060.7	1219.3	1377.1	1633.1	1888.3
25°	731.0	740.6	750.1	773.8	797.4	837.2	877.0	988.4	1099.8	1351.3	1602.1
27.5°	669.7	684.5	698.5	709.6	719.9	747.2	773.8	846.8	919.8	1154.4	1388.2
30°	625.5	630.7	635.8	652.8	669.0	697.0	725.1	776.0	826.9	1025.3	1223.0
32.5°	573.9	581.2	588.6	606.3	624.0	649.8	675.6	717.0	757.5	927.2	1096.1
35°	527.4	534.8	542.1	559.8	576.8	604.8	632.1	666.8	700.7	848.2	995.8
37.5°	498.6	506.0	513.4	528.9	543.6	571.6	598.9	626.2	652.8	789.2	925.7
40°	474.3	481.7	489.0	503.8	517.8	545.1	571.6	594.5	617.4	745.0	872.6
42.5°	452.9	461.0	469.1	483.9	497.9	522.2	546.6	576.8	606.3	706.6	806.2
45°	435.2	443.3	450.7	466.9	483.1	506.7	530.3	572.4	614.4	686.7	759.0
47.5°	419.0	427.8	435.9	453.6	471.3	500.8	529.6	565.0	599.7	671.2	742.8
50°	403.5	413.8	424.1	445.5	466.2	515.6	564.3	569.4	573.9	658.7	742.8
52.5°	388.7	400.5	412.3	438.9	464.7	522.2	579.8	561.3	542.1	635.1	728.0
55°	374.0	384.3	393.9	426.3	458.8	500.8	542.9	518.5	493.5	590.8	688.2
57.5°	354.1	365.1	375.4	410.1	444.8	474.3	503.0	480.9	458.1	540.7	622.5
60°	333.4	345.9	358.5	402.7	446.3	441.1	435.2	430.8	425.6	484.6	543.6
62.5°	315.0	328.2	341.5	399.0	456.6	421.2	385.8	389.5	392.4	435.9	479.4
65°	296.5	309.8	322.3	351.1	379.9	365.9	351.8	357.7	362.9	405.7	448.5
67.5°	275.9	287.7	298.7	308.3	317.9	319.4	320.9	326.8	332.7	383.6	433.7
70°	253.0	262.6	272.2	278.8	284.7	287.7	289.9	297.3	304.6	360.0	415.3
72.5°	227.2	235.3	242.7	248.6	254.5	256.7	258.2	265.5	272.9	331.9	390.9
75°	199.2	205.8	211.7	216.9	222.0	225.0	227.9	233.1	238.2	302.4	365.9
77.5°	168.2	174.8	180.7	185.1	188.8	191.8	194.0	200.6	207.3	261.1	314.2
80°	131.3	139.4	146.8	150.5	153.4	154.2	154.2	160.1	166.0	204.3	241.9
82.5°	92.9	101.8	109.9	112.9	115.8	115.8	115.8	122.4	129.1	154.9	180.0
85°	54.6	64.2	73.0	76.0	78.9	80.4	81.1	84.1	86.3	104.7	122.4
87.5°	17.0	25.1	32.5	33.9	35.4	38.4	41.3	42.0	42.0	54.6	67.1
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: P320278
 CATALOG NUMBER: GAN-SA4B-730-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°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	5529.8	5605.1	5692.9	5779.9	5854.4	5928.9	5990.9
5°	4914.7	5065.9	5251.0	5435.4	5599.9	5764.4	5955.4
7.5°	4141.7	4337.1	4576.9	4816.6	5048.9	5280.5	5574.1
10°	3581.8	3780.2	4034.0	4287.0	4548.1	4808.5	5140.4
12.5°	3226.3	3387.1	3632.7	3878.3	4185.2	4491.3	4810.7
15°	2991.7	3167.3	3406.3	3645.3	3980.9	4316.5	4683.8
17.5°	2741.7	2971.1	3277.2	3583.3	3980.9	4377.7	4810.7
20°	2479.8	2765.3	3162.1	3559.0	4094.5	4629.2	5181.7
22.5°	2218.7	2549.2	3058.1	3566.3	4266.3	4965.6	5711.3
25°	1983.4	2364.8	2994.7	3623.9	4516.4	5408.1	6333.1
27.5°	1804.9	2220.9	2968.9	3716.1	4833.5	5951.0	7009.5
30°	1646.3	2069.7	2937.9	3806.1	5138.9	6471.0	7538.4
32.5°	1509.1	1922.2	2878.1	3833.3	5352.1	6870.8	7986.1
35°	1401.5	1807.1	2777.8	3748.5	5485.6	7222.7	8452.3
37.5°	1308.5	1691.3	2663.5	3635.7	5604.3	7573.0	8976.7
40°	1220.0	1567.4	2565.4	3562.6	5768.1	7973.5	9530.6
42.5°	1135.9	1465.6	2486.5	3507.3	5920.0	8332.0	10015.2
45°	1073.2	1387.4	2416.4	3444.6	6018.1	8591.7	10380.4
47.5°	1042.2	1341.0	2378.8	3415.9	6116.2	8815.9	10683.5
50°	1037.8	1332.9	2421.6	3510.3	6328.7	9146.3	11030.2
52.5°	1037.1	1346.1	2544.7	3743.4	6723.3	9702.5	11405.6
55°	1021.6	1354.2	2691.5	4028.1	7252.9	10477.0	12080.5
57.5°	974.4	1326.2	2842.7	4358.5	7812.7	11266.2	12841.0
60°	901.4	1258.4	2967.4	4675.7	8188.9	11701.4	13133.9
62.5°	809.9	1139.6	3008.7	4877.1	8178.6	11480.1	12838.8
65°	731.7	1014.9	2873.0	4730.3	7764.8	10798.6	12255.4
67.5°	662.4	890.3	2533.7	4176.3	7020.6	9864.0	11513.3
70°	612.2	808.4	2096.3	3384.1	6089.0	8793.0	10654.0
72.5°	580.5	769.3	1709.0	2648.0	4941.2	7233.7	9113.1
75°	537.0	708.1	1341.0	1973.1	3781.7	5590.3	6883.4
77.5°	455.8	596.7	1010.5	1424.3	2774.9	4124.7	4787.1
80°	351.8	461.0	694.8	928.6	1909.7	2890.7	3263.9
82.5°	250.8	321.6	421.2	520.8	1268.7	2015.9	2046.9
85°	154.9	187.4	241.2	295.0	839.4	1383.8	1152.9
87.5°	83.3	99.6	127.6	154.9	268.5	382.1	219.8
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: P320278
CATALOG NUMBER: GAN-SA4B-730-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)