

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: P320519

Luminaire Tested: **GAN-SA5B-722-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320519
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-SA5B-722-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 2200K, 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: 18452 lumens
Efficiency: N/A
Efficacy: 87.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G4

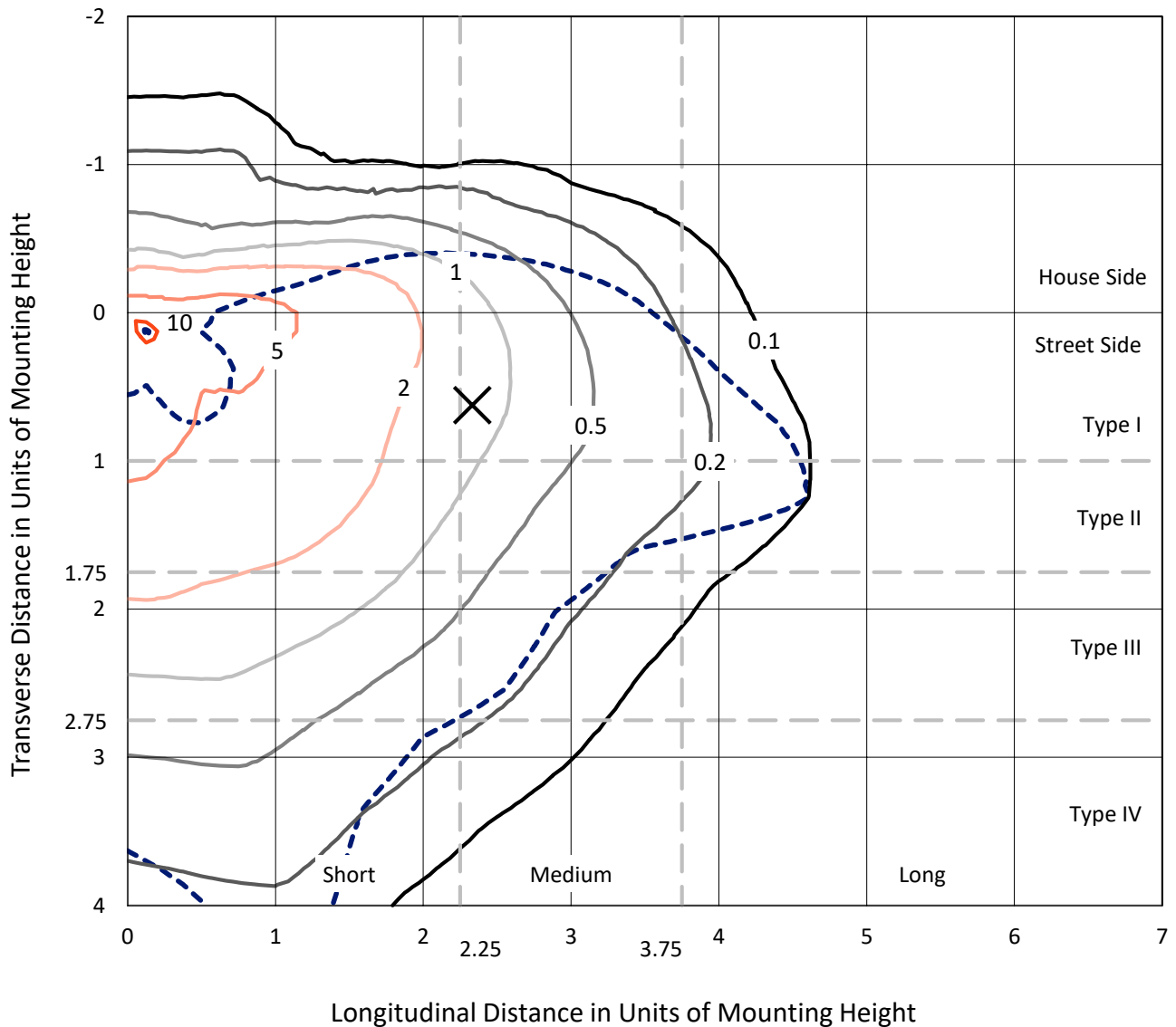
Input Watts (W): 210
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

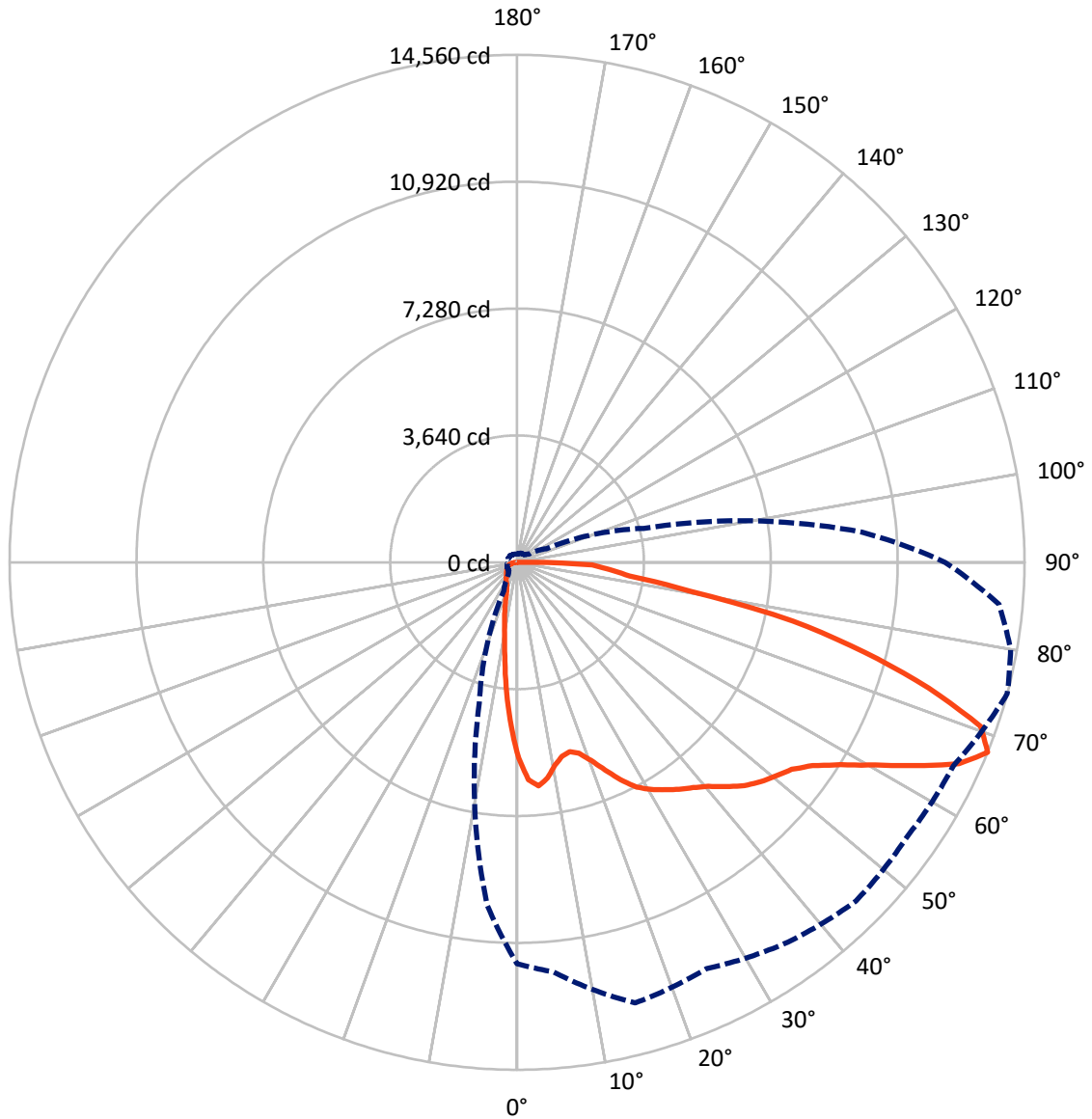
✕ Max cd
 - - - 1/2 Max cd



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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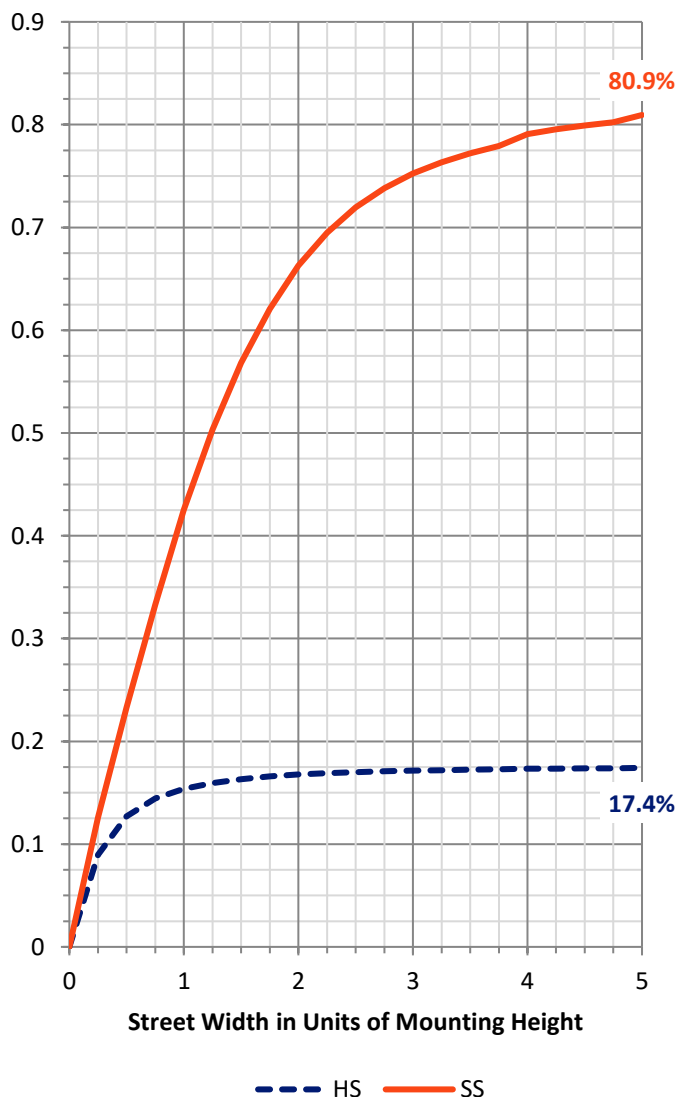
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3249.8	0.0	3249.8
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	15202.2	0.0	15202.2
	% Fixture	82.4	0.0	82.4
Total	Lumens	18452.0	0.0	18452.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	433.9	2.4
10°-20°	901.3	4.9
20°-30°	1281.8	6.9
30°-40°	1847.1	10.0
40°-50°	2603.1	14.1
50°-60°	3618.8	19.6
60°-70°	4376.2	23.7
70°-80°	2690.0	14.6
80°-90°	700.0	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°	18452.0	100.0
0°-180°	18452.0	100.0

Coefficient of Utilization

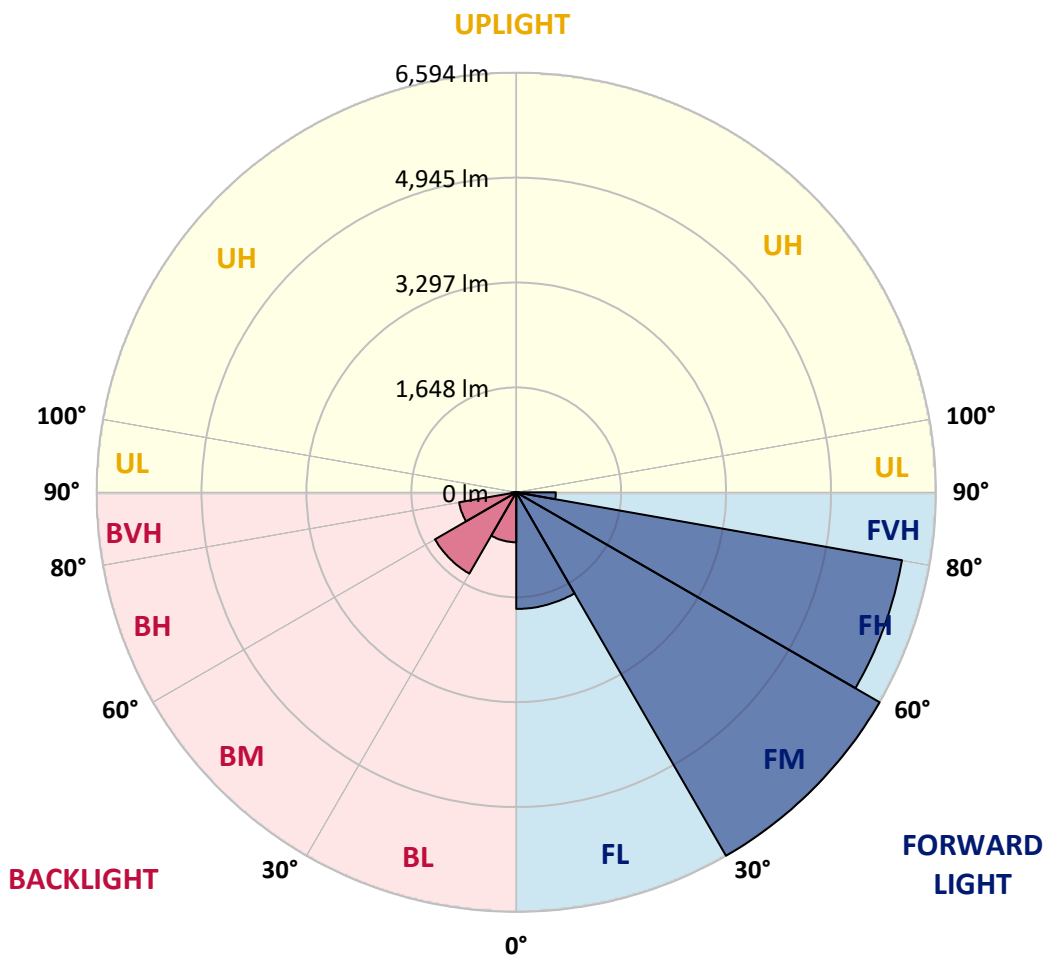


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1832.1	9.9			
FM (30°-60°)	6593.8	35.7			
FH (60°-80°)	6155.0	33.4			G3/7500
FVH (80°-90°)	621.3	3.4			G4/750
BL (0°-30°)	784.9	4.3	B2/1000		
BM (30°-60°)	1475.2	8.0	B2/2500		
BH (60°-80°)	911.1	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°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	5991.8	6070.8	6125.4	6179.2	6221.3	6262.6	6323.1	6383.6	6395.4	6406.4	6382.8
5°	5956.4	6149.0	6312.7	6475.8	6627.0	6778.2	6869.0	6959.7	6978.2	6996.6	6939.8
7.5°	5575.0	5859.0	6143.1	6427.1	6687.5	6947.9	7106.5	7264.4	7300.6	7336.0	7243.0
10°	5141.2	5471.7	5820.7	6169.6	6512.7	6855.7	7085.1	7314.6	7360.3	7406.1	7290.2
12.5°	4811.5	5172.2	5544.8	5917.3	6279.5	6641.0	6878.6	7116.1	7172.9	7229.7	7145.6
15°	4684.6	5080.0	5430.4	5780.8	6096.6	6411.6	6606.4	6800.4	6824.0	6846.9	6833.6
17.5°	4811.5	5247.5	5564.7	5881.2	6053.1	6224.2	6302.4	6379.9	6405.7	6430.8	6464.7
20°	5182.5	5653.2	5876.7	6099.5	6092.2	6084.0	6046.4	6008.1	6001.4	5994.8	6090.7
22.5°	5712.2	6258.9	6348.2	6436.7	6229.4	6022.1	5895.9	5769.0	5744.0	5718.1	5819.9
25°	6334.1	6916.2	6900.0	6883.0	6488.3	6092.9	5852.4	5611.9	5583.9	5555.8	5642.9
27.5°	7010.6	7566.9	7460.6	7354.4	6818.1	6281.8	5932.8	5583.9	5555.8	5527.8	5604.5
30°	7539.6	8044.2	7873.8	7703.4	7096.2	6489.1	6074.5	5659.9	5614.1	5567.6	5662.1
32.5°	7987.4	8416.7	8188.0	7959.3	7322.0	6684.6	6236.0	5787.5	5715.9	5644.4	5770.5
35°	8453.6	8788.6	8466.9	8144.5	7523.4	6901.4	6427.1	5952.0	5864.2	5776.4	5949.8
37.5°	8978.2	9256.3	8794.5	8331.9	7749.8	7167.8	6713.3	6258.1	6168.1	6078.1	6299.5
40°	9532.2	9763.8	9147.8	8531.8	7997.7	7463.6	7109.5	6754.6	6669.1	6582.7	6851.3
42.5°	10016.9	10185.8	9476.9	8767.9	8296.5	7824.3	7575.0	7324.9	7324.2	7322.7	7594.9
45°	10382.0	10528.9	9751.3	8973.0	8587.9	8202.1	8072.2	7942.4	8046.4	8150.4	8396.8
47.5°	10685.3	10784.8	9981.5	9177.3	8921.3	8665.4	8684.5	8703.7	8915.4	9127.2	9285.8
50°	11032.0	10951.6	10190.2	9428.2	9349.2	9270.3	9442.9	9614.8	9858.3	10101.0	10208.7
52.5°	11407.5	11194.3	10473.5	9752.0	9840.6	9929.1	10280.2	10631.4	10877.1	11122.7	11163.3
55°	12082.5	11755.7	10994.4	10232.3	10402.7	10572.4	11088.1	11603.0	11794.8	11986.6	12001.4
57.5°	12843.1	12553.2	11724.0	10894.8	11077.7	11260.7	11856.0	12450.6	12657.9	12864.5	12835.7
60°	13136.0	13150.0	12416.7	11682.7	11867.1	12051.5	12631.4	13211.2	13449.5	13687.1	13623.6
62.5°	12840.9	13186.9	12795.2	12402.7	12570.1	12736.9	13304.9	13873.0	14117.2	14361.4	14250.7
65°	12257.4	12600.4	12776.0	12951.6	13006.9	13062.2	13592.6	14122.3	14309.7	14496.4	14440.3
67.5°	11515.2	11792.6	12440.3	13087.3	12975.9	12864.5	13113.1	13361.7	13554.3	13746.8	13715.1
70°	10655.7	10986.2	11850.1	12714.0	12166.6	11618.5	11515.9	11413.4	11621.4	11828.7	11700.4
72.5°	9114.6	9613.3	10534.8	11455.4	10447.0	9438.5	9088.1	8737.7	9001.0	9264.4	9060.0
75°	6884.5	7546.2	8564.3	9581.6	8378.4	7175.1	6707.4	6239.7	6466.2	6692.7	6552.5
77.5°	4787.9	5617.8	6620.4	7622.9	6399.8	5175.9	4828.4	4480.2	4548.1	4615.2	4591.6
80°	3264.4	3810.4	4509.7	5208.4	4393.9	3579.5	3606.8	3633.3	3601.6	3569.1	3616.3
82.5°	2047.2	2431.6	2971.6	3510.8	3078.5	2646.2	2894.1	3142.0	3020.3	2897.8	2943.5
85°	1153.1	1387.7	1915.9	2443.4	2277.4	2110.6	2256.0	2400.6	2211.7	2022.9	2106.2
87.5°	219.8	365.9	1060.1	1753.6	1592.0	1430.5	1243.1	1055.7	805.6	555.5	811.5
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



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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°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	6359.2	6346.7	6334.1	6289.1	6243.4	6175.5	6119.5	6022.1	5969.0	5888.5	5808.1
5°	6882.3	6802.6	6722.9	6585.7	6447.7	6294.3	6118.0	5922.5	5774.9	5583.1	5391.3
7.5°	7150.1	6964.2	6777.5	6514.1	6250.0	6012.5	5733.6	5473.9	5252.6	5003.3	4753.9
10°	7174.4	6895.5	6615.9	6273.6	5930.6	5642.1	5321.2	5032.8	4767.2	4481.0	4194.0
12.5°	7060.8	6764.2	6466.9	6089.9	5712.2	5384.7	5039.4	4716.3	4421.9	4106.9	3791.2
15°	6820.3	6583.5	6345.9	5992.6	5639.2	5308.7	4973.8	4590.9	4258.2	3935.8	3612.7
17.5°	6497.9	6385.8	6272.9	6017.6	5761.7	5475.4	5150.8	4701.5	4312.0	3961.6	3611.2
20°	6185.9	6227.2	6267.7	6165.9	6064.1	5834.7	5551.4	5046.8	4549.6	4091.4	3632.6
22.5°	5921.0	6119.5	6317.2	6396.1	6474.3	6336.3	6115.0	5531.5	4873.4	4275.1	3676.8
25°	5729.2	6058.2	6387.3	6649.9	6911.8	6850.5	6680.1	6120.2	5302.8	4540.0	3776.4
27.5°	5681.2	6084.8	6488.3	6895.5	7302.0	7358.8	7311.6	6740.6	5814.8	4869.0	3922.5
30°	5756.5	6165.2	6573.2	7068.9	7563.9	7790.4	7853.9	7257.8	6399.8	5252.6	4104.7
32.5°	5896.7	6297.2	6697.8	7237.9	7777.1	8119.4	8321.6	7730.7	6807.8	5541.8	4275.1
35°	6123.1	6497.9	6872.7	7434.8	7997.0	8439.6	8808.5	8219.0	7170.0	5744.0	4317.2
37.5°	6520.0	6842.4	7164.8	7684.2	8202.8	8776.8	9330.8	8756.8	7561.7	5938.7	4315.0
40°	7119.8	7347.8	7575.0	8013.9	8452.2	9174.4	9922.4	9356.6	7994.8	6149.7	4304.6
42.5°	7867.1	7984.4	8101.0	8448.5	8795.9	9589.7	10459.5	9943.1	8407.9	6345.9	4284.0
45°	8642.5	8673.5	8704.5	8923.6	9141.9	9918.8	10825.4	10383.5	8768.6	6516.4	4263.3
47.5°	9443.7	9337.4	9231.2	9318.2	9405.3	10171.1	11086.6	10717.7	9130.9	6705.2	4278.8
50°	10316.4	10020.6	9724.7	9679.0	9633.3	10423.4	11394.2	11142.6	9566.1	6980.4	4394.6
52.5°	11203.1	10715.5	10227.9	10047.1	9865.6	10724.4	11802.2	11671.6	10187.3	7406.8	4625.6
55°	12016.1	11395.7	10775.3	10531.8	10288.4	11184.7	12300.1	12448.4	10983.3	7952.0	4919.9
57.5°	12806.2	12103.2	11400.1	11174.4	10948.6	11861.2	12930.9	13145.6	11787.4	8475.0	5161.9
60°	13560.2	12864.5	12168.1	11987.3	11805.9	12702.2	13612.6	13456.2	12202.0	8719.9	5237.1
62.5°	14140.0	13586.7	13033.4	12938.3	12842.4	13552.8	14136.3	13335.2	11938.7	8478.7	5018.8
65°	14384.2	14069.2	13753.5	13842.7	13931.3	14196.1	14266.9	12981.1	11110.9	7803.0	4495.0
67.5°	13682.6	13746.8	13811.0	14185.8	14559.8	14377.6	13878.9	12283.2	9932.8	6845.4	3758.0
70°	11571.3	11956.4	12340.7	13227.5	14113.5	13709.2	12839.4	11030.5	8514.9	5742.5	2969.4
72.5°	8855.0	9288.0	9720.3	11036.4	12351.8	11979.2	10913.9	9060.0	6826.9	4585.7	2343.8
75°	6411.6	6900.7	7389.1	8840.9	10292.8	9775.6	8163.7	6486.8	5185.5	3500.5	1814.8
77.5°	4567.3	4894.8	5222.4	6656.5	8089.9	7247.4	5434.1	4365.1	3589.0	2433.0	1276.3
80°	3663.6	3563.2	3462.9	4261.9	5060.8	4920.6	3594.2	2803.4	2483.9	1630.4	776.8
82.5°	2988.5	2743.6	2498.7	2874.9	3251.2	3230.5	2494.3	2056.8	1848.7	1133.2	417.6
85°	2188.8	2090.7	1992.6	2325.3	2658.0	2374.0	1689.4	1307.3	1441.5	834.4	227.2
87.5°	1067.5	1219.5	1370.7	1763.2	2154.9	1617.8	512.7	253.8	351.2	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: P320519
 CATALOG NUMBER: GAN-SA5B-722-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: P320519

CATALOG NUMBER: GAN-SA5B-722-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	5748.4	5687.9	5619.3	5550.7	5472.5	5393.5	5347.1	5299.8	5248.9	5198.0	5140.5
5°	5264.4	5137.5	4993.7	4849.8	4707.4	4565.1	4488.3	4411.6	4330.5	4248.6	4177.8
7.5°	4569.5	4384.3	4185.1	3985.2	3808.2	3630.4	3520.4	3409.8	3309.4	3208.4	3123.5
10°	3957.9	3721.8	3521.9	3321.3	3187.7	3054.2	2953.1	2852.1	2754.7	2656.6	2562.9
12.5°	3555.1	3319.0	3192.1	3065.3	2954.6	2843.9	2727.4	2610.1	2476.6	2342.3	2244.2
15°	3398.0	3183.3	3042.4	2900.7	2752.5	2603.4	2460.3	2317.2	2159.3	2001.5	1890.1
17.5°	3330.1	3049.0	2852.1	2654.3	2458.8	2263.3	2097.4	1931.4	1758.7	1586.1	1473.2
20°	3258.5	2884.5	2620.4	2355.6	2104.7	1853.9	1665.8	1477.7	1323.5	1169.3	1083.0
22.5°	3193.6	2709.7	2378.4	2046.5	1749.9	1453.3	1268.9	1083.7	989.3	894.9	860.2
25°	3167.1	2557.0	2149.7	1742.5	1429.7	1116.2	984.9	853.6	817.4	780.5	762.8
27.5°	3171.5	2420.5	1957.2	1493.2	1211.3	929.5	839.5	749.5	727.4	704.5	693.5
30°	3188.5	2272.2	1775.7	1279.2	1046.8	814.5	756.2	697.2	673.5	649.9	635.9
32.5°	3207.6	2139.4	1635.5	1130.9	941.3	751.0	703.1	654.4	631.5	608.6	594.6
35°	3174.4	2031.0	1539.6	1048.3	873.5	697.9	657.3	616.0	590.9	565.8	552.6
37.5°	3118.4	1921.8	1465.1	1007.7	829.2	649.9	620.4	590.2	564.4	537.8	525.3
40°	3067.5	1829.6	1409.8	989.3	804.9	619.7	594.6	569.5	543.0	515.7	500.9
42.5°	3026.2	1767.6	1355.2	942.8	782.7	621.9	586.5	550.3	524.5	498.7	482.5
45°	2995.2	1727.0	1312.4	897.8	762.1	626.3	581.3	536.3	510.5	483.9	464.8
47.5°	2992.2	1705.6	1282.2	858.7	723.0	586.5	568.1	549.6	512.0	473.6	451.5
50°	3032.8	1671.0	1246.8	821.8	685.3	548.9	574.0	598.3	534.1	469.2	441.2
52.5°	3117.6	1609.7	1190.7	771.7	639.6	506.8	545.9	584.3	529.0	472.9	436.7
55°	3220.2	1519.7	1105.9	691.3	579.1	466.2	500.9	534.9	500.2	464.8	421.2
57.5°	3284.4	1406.1	998.9	591.7	511.2	430.8	450.8	469.9	455.9	441.9	397.6
60°	3246.0	1254.9	878.6	501.7	451.5	401.3	397.6	393.2	413.9	434.5	383.6
62.5°	3058.6	1098.5	772.4	446.3	408.7	370.3	362.2	353.4	387.3	420.5	366.7
65°	2742.1	989.3	705.3	421.2	379.2	337.1	328.3	319.4	329.8	340.1	315.0
67.5°	2340.1	922.2	666.9	411.7	360.7	309.1	298.8	288.5	286.2	284.0	275.2
70°	1925.5	880.8	641.8	402.8	340.8	278.1	268.5	258.9	256.0	252.3	245.7
72.5°	1609.7	875.7	638.9	402.1	324.6	247.1	238.3	229.4	225.7	221.3	216.2
75°	1318.3	821.8	606.4	391.0	302.5	213.2	205.1	197.0	194.0	190.3	185.9
77.5°	978.2	680.2	509.8	339.4	258.9	178.5	170.4	161.6	160.8	159.3	155.7
80°	634.4	492.1	364.4	236.8	188.9	140.2	133.5	126.2	126.9	127.6	124.7
82.5°	352.6	287.0	222.8	158.6	129.1	99.6	96.6	93.0	95.2	96.6	93.0
85°	185.9	144.6	119.5	94.4	74.5	54.6	54.6	53.9	56.8	59.8	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: P320519
 CATALOG NUMBER: GAN-SA5B-722-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: P320519

CATALOG NUMBER: GAN-SA5B-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	5082.2	5028.4	4973.8	4914.0	4925.1	4879.3	4833.6	4804.8	4776.1	4767.2	4758.3
5°	4106.9	4045.7	3983.7	3928.4	3976.4	3943.9	3911.4	3907.0	3901.8	3901.8	3901.1
7.5°	3038.7	2973.0	2906.6	2860.9	2908.1	2902.2	2896.3	2928.0	2959.8	2985.6	3010.7
10°	2469.2	2389.5	2309.1	2241.2	2229.4	2195.5	2160.8	2168.2	2174.8	2202.9	2230.9
12.5°	2146.1	2050.9	1955.7	1876.0	1839.9	1783.8	1727.0	1691.6	1656.2	1659.9	1662.8
15°	1777.9	1685.7	1592.8	1524.1	1501.3	1457.8	1414.2	1370.0	1325.0	1306.5	1287.3
17.5°	1359.6	1285.9	1211.3	1165.6	1165.6	1153.1	1140.5	1118.4	1095.5	1077.1	1057.9
20°	996.7	957.6	917.7	898.6	904.5	905.2	905.2	916.3	927.3	921.4	915.5
22.5°	824.8	810.8	796.7	788.6	791.6	792.3	793.1	803.4	813.0	820.4	827.0
25°	744.4	735.5	726.7	723.7	730.4	731.1	731.1	737.7	744.4	751.7	759.1
27.5°	681.7	678.0	674.3	669.1	675.8	675.8	675.0	682.4	689.0	695.7	701.6
30°	621.9	623.4	624.1	622.6	627.1	630.0	632.2	637.4	641.8	647.0	652.2
32.5°	579.9	577.6	575.4	574.0	583.5	588.7	593.9	599.0	603.5	605.7	607.9
35°	539.3	534.1	529.0	525.3	534.1	540.8	547.4	557.0	565.8	567.3	568.8
37.5°	512.0	505.3	498.7	494.3	498.0	500.9	503.9	514.2	524.5	530.4	535.6
40°	486.2	479.5	472.9	469.2	471.4	472.1	472.9	478.0	482.5	493.5	503.9
42.5°	465.5	457.4	449.3	444.9	446.3	447.8	448.5	447.8	447.1	457.4	467.7
45°	444.9	436.0	427.1	422.0	422.7	422.7	422.7	421.2	419.0	424.2	429.4
47.5°	428.6	418.3	408.0	402.8	401.3	399.8	398.4	397.6	396.2	399.8	402.8
50°	412.4	401.3	389.5	383.6	379.9	378.5	377.0	376.2	374.8	378.5	381.4
52.5°	399.8	386.6	373.3	363.7	360.0	357.8	355.6	356.3	356.3	357.8	358.5
55°	377.7	365.9	353.4	346.7	340.1	338.6	337.1	339.4	340.8	340.8	340.8
57.5°	353.4	342.3	330.5	326.1	320.2	320.2	319.4	322.4	324.6	326.1	327.6
60°	332.0	319.4	306.9	303.2	301.0	300.3	299.5	303.2	306.2	309.1	312.1
62.5°	312.1	298.8	285.5	281.1	280.3	281.1	281.1	284.8	287.7	290.7	293.6
65°	289.9	276.6	262.6	258.2	259.7	261.9	264.1	267.1	269.3	272.2	275.2
67.5°	265.6	254.5	242.7	238.3	239.0	242.0	244.9	247.1	248.6	251.6	254.5
70°	239.0	229.4	219.8	216.9	216.2	219.8	222.8	224.3	225.7	229.4	232.4
72.5°	210.3	202.1	194.0	191.8	192.5	194.8	197.0	199.2	200.7	204.4	207.3
75°	180.7	173.4	166.0	164.5	166.0	168.2	170.4	171.9	173.4	177.8	181.5
77.5°	152.0	143.9	135.0	134.3	136.5	138.7	140.2	142.4	144.6	150.5	156.4
80°	121.7	112.9	103.3	102.5	104.8	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	98.9
85°	53.9	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: P320519
 CATALOG NUMBER: GAN-SA5B-722-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: P320519
 CATALOG NUMBER: GAN-SA5B-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	4725.9	4692.7	4726.6	4759.8	4773.8	4787.9	4751.7	4714.8	4772.4	4829.2	4843.9
5°	3871.6	3841.4	3864.2	3886.4	3836.9	3787.5	3782.3	3776.4	3819.2	3862.0	3868.6
7.5°	3001.1	2991.5	3012.9	3034.3	2971.6	2908.1	2877.1	2846.2	2856.5	2866.8	2865.3
10°	2237.5	2243.4	2270.0	2295.8	2247.1	2198.4	2177.0	2155.6	2179.2	2202.1	2223.5
12.5°	1676.1	1688.7	1716.7	1744.0	1724.1	1703.4	1705.6	1707.8	1735.1	1761.7	1785.3
15°	1302.1	1316.8	1336.8	1355.9	1356.7	1356.7	1375.9	1394.3	1392.1	1389.9	1406.1
17.5°	1077.8	1097.0	1099.2	1101.4	1102.2	1102.9	1101.4	1100.0	1088.9	1077.8	1090.4
20°	922.9	929.5	935.4	940.6	934.0	926.6	908.1	889.7	882.3	874.9	886.7
22.5°	839.5	851.3	845.4	838.8	825.5	811.5	797.5	782.7	782.0	780.5	787.2
25°	769.5	779.0	768.7	758.4	748.8	739.2	729.6	720.0	719.3	718.5	721.5
27.5°	711.2	720.0	710.4	700.8	692.7	684.6	677.2	669.9	668.4	666.9	667.6
30°	661.0	669.1	661.0	652.2	646.2	639.6	634.4	629.3	628.5	627.8	627.8
32.5°	616.0	624.1	618.2	612.3	607.2	602.0	598.3	594.6	590.9	587.2	579.1
35°	576.9	585.0	581.3	576.9	571.0	565.1	558.5	551.1	541.5	531.2	526.7
37.5°	543.7	551.8	548.1	544.4	536.3	528.2	516.4	503.9	500.9	497.2	496.5
40°	517.1	529.7	522.3	514.2	501.7	489.1	483.2	477.3	475.8	474.4	472.9
42.5°	487.6	506.8	493.5	480.3	468.5	456.7	455.2	453.7	453.0	452.2	452.2
45°	450.8	471.4	458.1	444.1	437.5	430.8	430.8	430.8	431.6	431.6	433.0
47.5°	416.1	428.6	422.0	415.3	411.7	408.0	408.7	409.4	411.7	413.1	416.8
50°	386.6	391.0	392.5	393.2	391.0	388.8	390.3	391.0	393.2	394.7	397.6
52.5°	365.2	371.8	371.8	371.1	371.1	371.1	372.6	374.0	376.2	378.5	381.4
55°	351.2	360.7	357.8	354.8	355.6	355.6	357.1	358.5	360.7	362.2	366.7
57.5°	337.9	348.2	345.3	342.3	342.3	342.3	343.0	343.8	346.0	347.5	350.4
60°	322.4	332.7	329.8	326.1	326.8	327.6	328.3	328.3	329.8	330.5	330.5
62.5°	303.9	314.3	311.3	307.6	309.8	311.3	311.3	311.3	312.8	313.5	311.3
65°	284.8	294.4	291.4	288.5	291.4	293.6	295.1	295.8	295.1	294.4	292.1
67.5°	264.1	273.7	270.7	267.1	270.7	273.7	276.6	278.9	276.6	274.4	271.5
70°	242.0	251.6	247.9	244.2	247.9	251.6	254.5	257.5	254.5	251.6	250.8
72.5°	218.4	229.4	225.0	220.6	225.0	229.4	230.9	232.4	230.2	228.0	226.5
75°	192.5	203.6	199.9	195.5	199.2	202.9	203.6	204.4	204.4	203.6	199.2
77.5°	165.3	174.1	171.9	169.7	171.9	174.1	174.1	174.1	174.8	174.8	168.9
80°	132.8	138.0	138.7	139.4	140.2	140.9	140.2	139.4	138.0	136.5	132.8
82.5°	98.9	98.9	104.8	109.9	109.9	109.2	108.4	107.0	104.0	100.3	92.2
85°	62.7	59.0	68.6	77.5	77.5	76.7	75.2	73.0	67.1	60.5	53.9
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: P320519
 CATALOG NUMBER: GAN-SA5B-722-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: P320519

CATALOG NUMBER: GAN-SA5B-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	4866.1	4875.6	4884.5	4956.8	5028.4	5112.5	5196.6	5260.7	5324.2	5389.8	5455.5
5°	3891.5	3903.3	3915.1	4002.9	4090.0	4207.3	4324.6	4425.6	4526.7	4645.5	4764.2
7.5°	2884.5	2910.3	2935.4	3029.1	3122.1	3248.2	3373.6	3505.7	3637.0	3791.9	3946.8
10°	2265.6	2314.3	2362.2	2458.1	2554.0	2678.7	2802.6	2940.6	3078.5	3231.2	3383.2
12.5°	1834.0	1898.9	1963.1	2078.2	2193.3	2342.3	2490.6	2644.0	2796.7	2931.0	3065.3
15°	1448.9	1519.7	1589.8	1711.5	1833.3	1997.0	2160.1	2327.5	2494.3	2655.1	2815.9
17.5°	1130.2	1188.5	1246.0	1349.3	1451.8	1610.5	1769.1	1944.7	2120.2	2316.5	2512.0
20°	911.8	936.2	960.5	1035.0	1108.8	1237.9	1366.3	1545.5	1724.8	1959.4	2194.0
22.5°	799.0	811.5	823.3	859.5	894.9	978.2	1060.9	1219.5	1377.3	1633.3	1888.6
25°	731.1	740.7	750.3	773.9	797.5	837.3	877.2	988.6	1100.0	1351.5	1602.3
27.5°	669.9	684.6	698.6	709.7	720.0	747.3	773.9	846.9	919.9	1154.5	1388.4
30°	625.6	630.8	635.9	652.9	669.1	697.2	725.2	776.1	827.0	1025.4	1223.2
32.5°	574.0	581.3	588.7	606.4	624.1	649.9	675.8	717.1	757.6	927.3	1096.3
35°	527.5	534.9	542.2	559.9	576.9	604.9	632.2	666.9	700.8	848.4	995.9
37.5°	498.7	506.1	513.5	529.0	543.7	571.7	599.0	626.3	652.9	789.4	925.8
40°	474.4	481.7	489.1	503.9	517.9	545.2	571.7	594.6	617.5	745.1	872.7
42.5°	453.0	461.1	469.2	483.9	498.0	522.3	546.7	576.9	606.4	706.7	806.3
45°	435.3	443.4	450.8	467.0	483.2	506.8	530.4	572.5	614.5	686.8	759.1
47.5°	419.0	427.9	436.0	453.7	471.4	500.9	529.7	565.1	599.8	671.3	742.9
50°	403.5	413.9	424.2	445.6	466.2	515.7	564.4	569.5	574.0	658.8	742.9
52.5°	388.8	400.6	412.4	438.9	464.8	522.3	579.9	561.4	542.2	635.2	728.1
55°	374.0	384.4	393.9	426.4	458.9	500.9	543.0	518.6	493.5	590.9	688.3
57.5°	354.1	365.2	375.5	410.2	444.9	474.4	503.1	481.0	458.1	540.8	622.6
60°	333.5	346.0	358.5	402.8	446.3	441.2	435.3	430.8	425.7	484.7	543.7
62.5°	315.0	328.3	341.6	399.1	456.7	421.2	385.8	389.5	392.5	436.0	479.5
65°	296.6	309.8	322.4	351.2	379.9	365.9	351.9	357.8	363.0	405.8	448.5
67.5°	275.9	287.7	298.8	308.4	318.0	319.4	320.9	326.8	332.7	383.6	433.8
70°	253.0	262.6	272.2	278.9	284.8	287.7	289.9	297.3	304.7	360.0	415.3
72.5°	227.2	235.3	242.7	248.6	254.5	256.7	258.2	265.6	273.0	332.0	391.0
75°	199.2	205.8	211.7	216.9	222.1	225.0	228.0	233.1	238.3	302.5	365.9
77.5°	168.2	174.8	180.7	185.2	188.9	191.8	194.0	200.7	207.3	261.2	314.3
80°	131.3	139.4	146.8	150.5	153.4	154.2	154.2	160.1	166.0	204.4	242.0
82.5°	93.0	101.8	109.9	112.9	115.8	115.8	115.8	122.5	129.1	154.9	180.0
85°	54.6	64.2	73.0	76.0	78.9	80.4	81.2	84.1	86.3	104.8	122.5
87.5°	17.0	25.1	32.5	33.9	35.4	38.4	41.3	42.1	42.1	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: P320519
 CATALOG NUMBER: GAN-SA5B-722-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



REPORT NUMBER: P320519

CATALOG NUMBER: GAN-SA5B-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5	5621.5
2.5°	5530.7	5606.0	5693.8	5780.8	5855.3	5929.9	5991.8
5°	4915.5	5066.7	5251.9	5436.3	5600.8	5765.3	5956.4
7.5°	4142.3	4337.8	4577.6	4817.4	5049.7	5281.4	5575.0
10°	3582.4	3780.9	4034.6	4287.7	4548.8	4809.2	5141.2
12.5°	3226.8	3387.6	3633.3	3879.0	4185.9	4492.0	4811.5
15°	2992.2	3167.8	3406.8	3645.9	3981.5	4317.2	4684.6
17.5°	2742.1	2971.6	3277.7	3583.9	3981.5	4378.4	4811.5
20°	2480.2	2765.7	3162.6	3559.5	4095.1	4630.0	5182.5
22.5°	2219.1	2549.6	3058.6	3566.9	4267.0	4966.4	5712.2
25°	1983.8	2365.2	2995.2	3624.5	4517.1	5409.0	6334.1
27.5°	1805.2	2221.3	2969.4	3716.7	4834.3	5952.0	7010.6
30°	1646.6	2070.1	2938.4	3806.7	5139.8	6472.1	7539.6
32.5°	1509.4	1922.5	2878.6	3834.0	5353.0	6871.9	7987.4
35°	1401.7	1807.4	2778.3	3749.1	5486.5	7223.8	8453.6
37.5°	1308.7	1691.6	2663.9	3636.3	5605.3	7574.3	8978.2
40°	1220.2	1567.7	2565.8	3563.2	5769.0	7974.8	9532.2
42.5°	1136.1	1465.9	2486.9	3507.9	5921.0	8333.4	10016.9
45°	1073.4	1387.7	2416.8	3445.2	6019.1	8593.1	10382.0
47.5°	1042.4	1341.2	2379.2	3416.4	6117.2	8817.3	10685.3
50°	1038.0	1333.1	2422.0	3510.8	6329.7	9147.8	11032.0
52.5°	1037.2	1346.4	2545.2	3744.0	6724.4	9704.1	11407.5
55°	1021.8	1354.5	2692.0	4028.7	7254.1	10478.7	12082.5
57.5°	974.5	1326.4	2843.2	4359.2	7814.0	11268.1	12843.1
60°	901.5	1258.6	2967.9	4676.5	8190.3	11703.3	13136.0
62.5°	810.0	1139.8	3009.2	4877.9	8179.9	11482.0	12840.9
65°	731.8	1015.1	2873.5	4731.1	7766.1	10800.3	12257.4
67.5°	662.5	890.4	2534.1	4177.0	7021.7	9865.6	11515.2
70°	612.3	808.6	2096.6	3384.7	6089.9	8794.5	10655.7
72.5°	580.6	769.5	1709.3	2648.4	4942.0	7234.9	9114.6
75°	537.1	708.2	1341.2	1973.4	3782.3	5591.2	6884.5
77.5°	455.9	596.8	1010.7	1424.6	2775.3	4125.4	4787.9
80°	351.9	461.1	694.9	928.8	1910.0	2891.2	3264.4
82.5°	250.8	321.6	421.2	520.8	1268.9	2016.2	2047.2
85°	154.9	187.4	241.2	295.1	839.5	1384.0	1153.1
87.5°	83.4	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: P320519
CATALOG NUMBER: GAN-SA5B-722-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)