

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: P320303

Luminaire Tested: **GAN-SA9D-730-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320303  
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-SA9D-730-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 3000K, 1200mA 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: 55516 lumens  
Efficiency: N/A  
Efficacy: 96.5 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B4 - U0 - G5

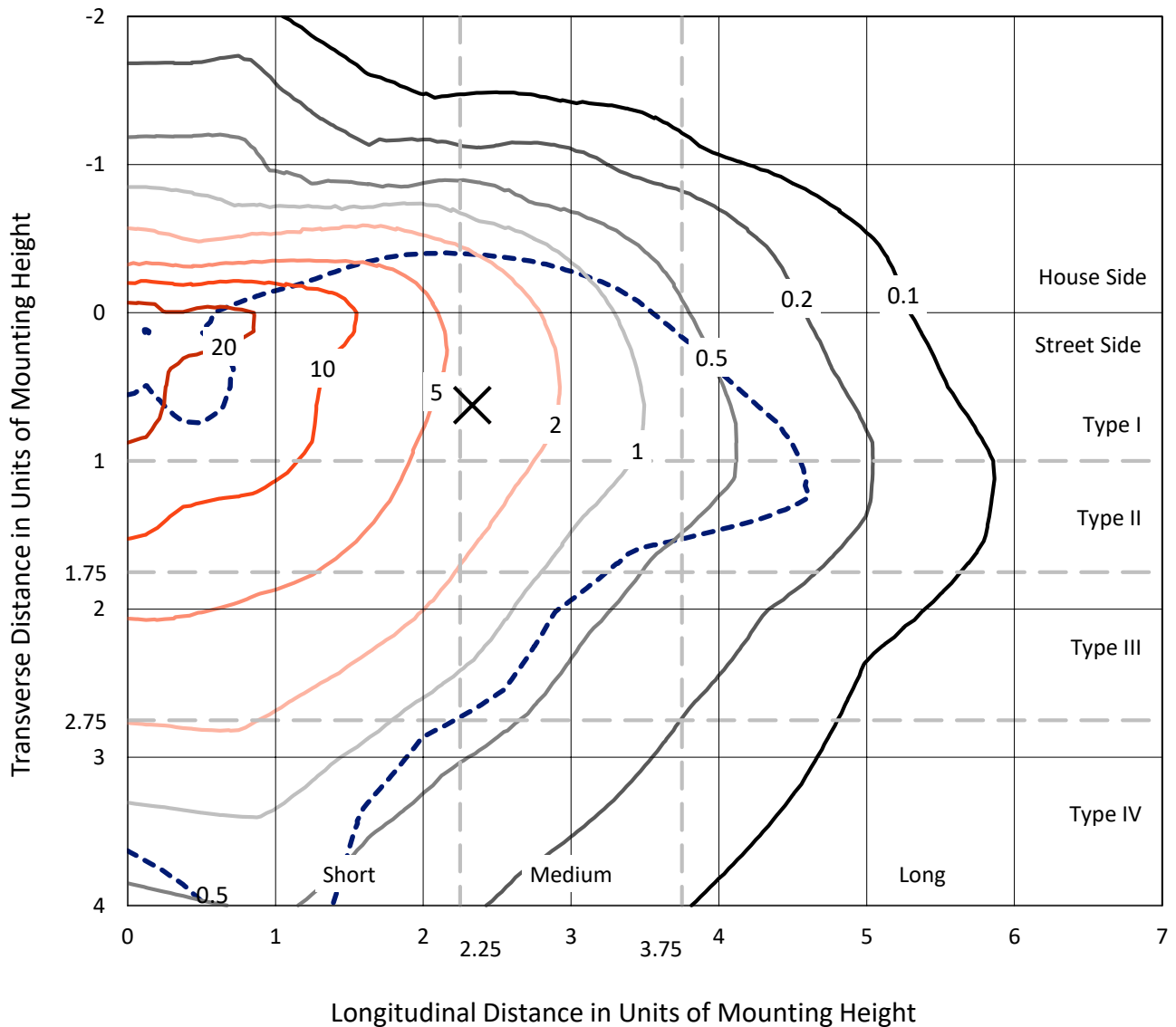
Input Watts (W): 575  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

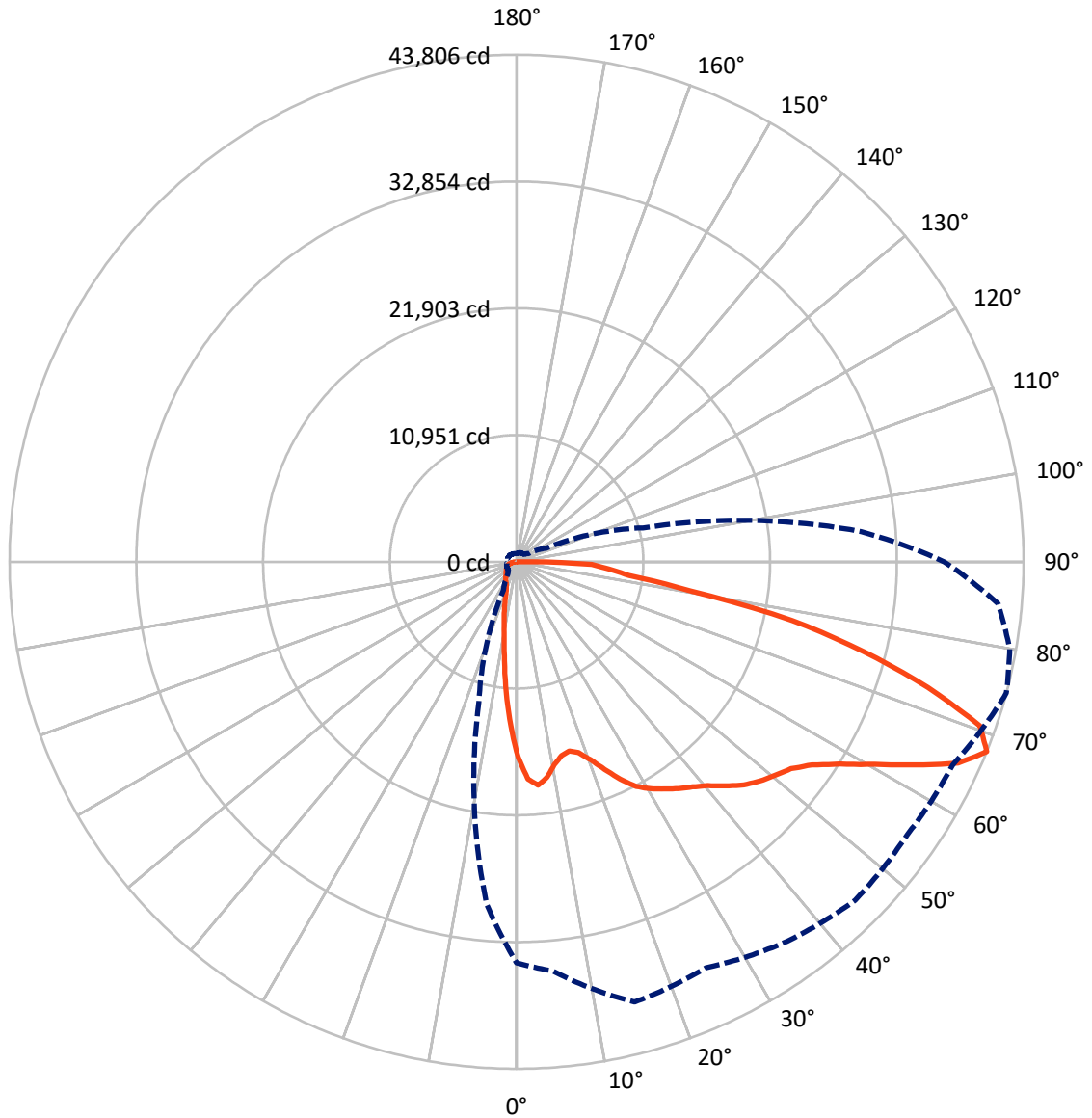
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 34 fc  
 Type III - Medium - N/A

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### Luminous Intensity Polar Plot



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

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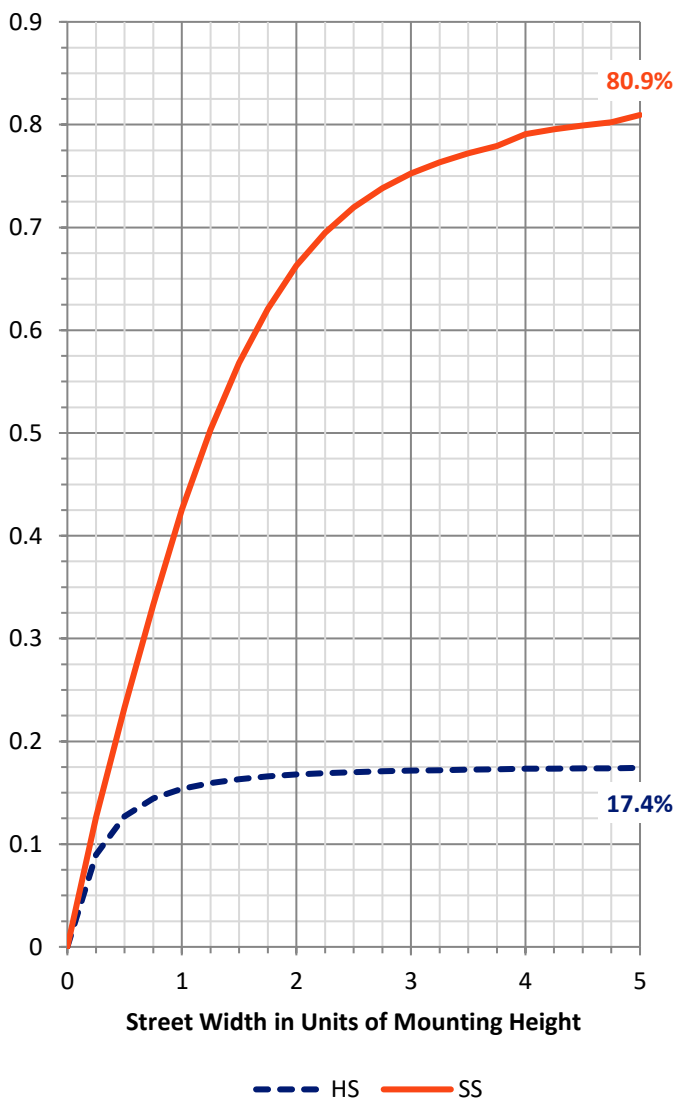
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	9777.7	0.0	9777.7
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	45738.3	0.0	45738.3
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	55516.0	0.0	55516.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1305.3	2.4
10°-20°	2711.7	4.9
20°-30°	3856.6	6.9
30°-40°	5557.3	10.0
40°-50°	7831.9	14.1
50°-60°	10887.6	19.6
60°-70°	13166.4	23.7
70°-80°	8093.2	14.6
80°-90°	2106.0	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°	55516.0	100.0
0°-180°	55516.0	100.0

**Coefficient of Utilization**

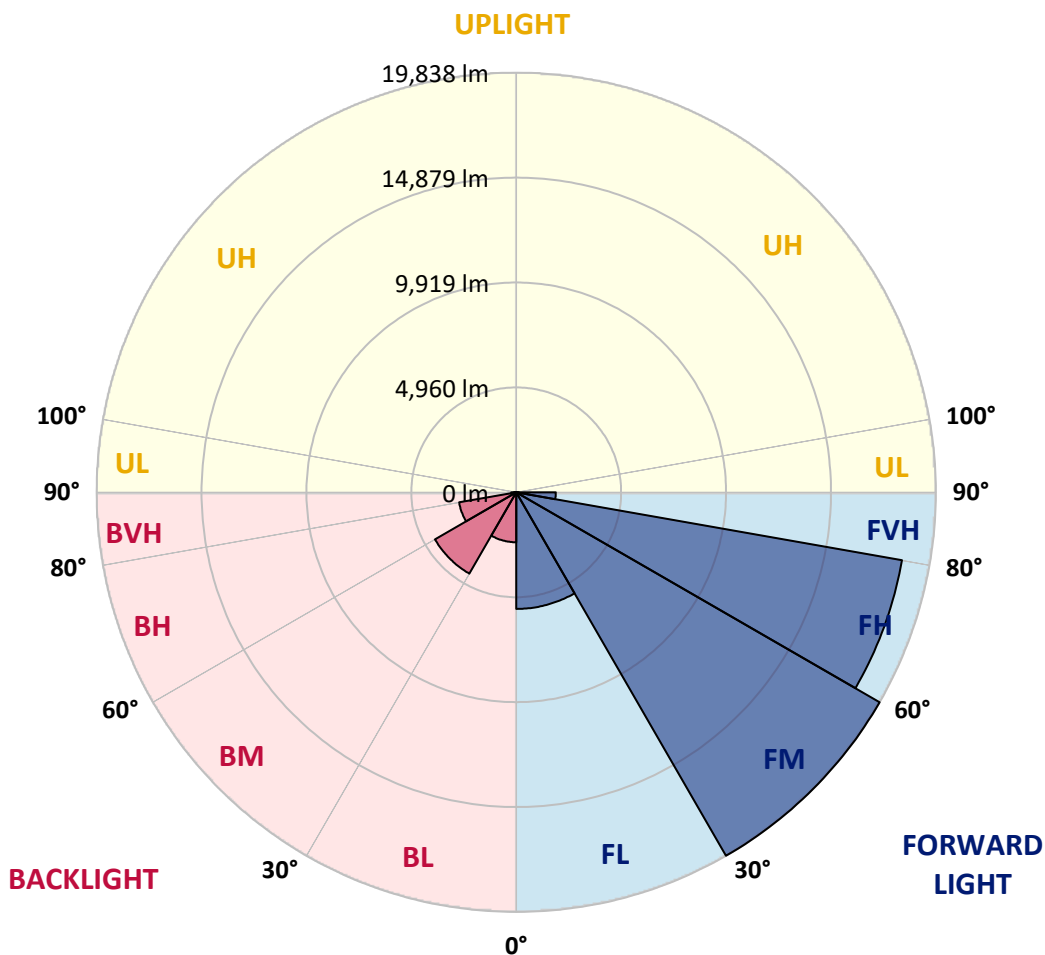


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5512.2	9.9			
FM (30°-60°)	19838.5	35.7			
FH (60°-80°)	18518.3	33.4			G5
FVH (80°-90°)	1869.4	3.4			G5
BL (0°-30°)	2361.4	4.3	B3/2500		
BM (30°-60°)	4438.4	8.0	B3/5000		
BH (60°-80°)	2741.3	4.9	B4/5000		G4/5000
BVH (80°-90°)	236.6	0.4			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G5**  
 Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2
2.5°	18027.4	18264.9	18429.2	18591.2	18717.7	18842.0	19024.0	19206.0	19241.6	19274.8	19203.8
5°	17920.9	18500.2	18993.0	19483.5	19938.5	20393.5	20666.5	20939.5	20995.0	21050.5	20879.6
7.5°	16773.4	17627.9	18482.5	19337.0	20120.5	20904.0	21381.2	21856.2	21965.0	22071.5	21791.8
10°	15468.3	16462.6	17512.5	18562.4	19594.5	20626.6	21316.9	22007.1	22144.8	22282.4	21933.9
12.5°	14476.1	15561.5	16682.4	17803.3	18893.1	19980.7	20695.4	21410.1	21581.0	21751.9	21498.9
15°	14094.3	15284.0	16338.3	17392.6	18342.6	19290.4	19876.4	20460.1	20531.1	20599.9	20560.0
17.5°	14476.1	15787.9	16742.3	17694.5	18211.7	18726.6	18961.9	19194.9	19272.6	19348.1	19450.2
20°	15592.6	17008.7	17681.2	18351.5	18329.3	18304.9	18191.7	18076.3	18056.3	18036.3	18324.9
22.5°	17186.2	18830.9	19099.5	19365.8	18742.1	18118.4	17738.9	17357.1	17281.7	17204.0	17510.3
25°	19057.3	20808.6	20759.7	20708.7	19521.2	18331.5	17607.9	16884.4	16800.0	16715.7	16977.6
27.5°	21092.7	22766.2	22446.6	22127.0	20513.4	18899.7	17849.9	16800.0	16715.7	16631.3	16862.2
30°	22684.1	24202.3	23689.6	23176.9	21350.2	19523.4	18276.0	17028.6	16891.0	16751.2	17035.3
32.5°	24031.4	25323.2	24635.1	23947.1	22029.3	20111.6	18762.1	17412.6	17197.3	16982.0	17361.6
35°	25434.2	26441.9	25474.1	24504.2	22635.3	20764.2	19337.0	17907.6	17643.5	17379.3	17900.9
37.5°	27012.3	27849.1	26459.6	25068.0	23316.7	21565.5	20198.2	18828.7	18557.9	18287.1	18953.0
40°	28679.2	29376.2	27522.8	25669.5	24062.5	22455.5	21390.1	20322.5	20065.0	19805.3	20613.3
42.5°	30137.5	30645.8	28512.7	26379.7	24961.4	23540.9	22790.7	22038.2	22036.0	22031.6	22850.6
45°	31236.2	31677.9	29338.4	26996.8	25838.1	24677.3	24286.7	23896.0	24209.0	24521.9	25263.3
47.5°	32148.4	32448.1	30030.9	27611.6	26841.4	26071.2	26128.9	26186.6	26823.6	27460.7	27937.9
50°	33191.6	32949.7	30659.1	28366.2	28128.8	27891.3	28410.6	28927.8	29660.3	30390.5	30714.6
52.5°	34321.4	33679.9	31511.4	29340.6	29607.0	29873.3	30929.9	31986.4	32725.5	33464.6	33586.7
55°	36352.3	35369.0	33078.4	30785.6	31298.3	31808.8	33360.3	34909.6	35486.7	36063.8	36108.1
57.5°	38640.7	37768.4	35273.6	32778.8	33329.2	33879.7	35670.9	37459.9	38083.6	38705.1	38618.5
60°	39521.9	39564.0	37357.8	35149.3	35704.2	36259.1	38003.7	39748.3	40465.2	41179.9	40989.0
62.5°	38634.0	39675.0	38496.4	37315.6	37819.4	38321.1	40030.1	41739.2	42473.9	43208.6	42875.7
65°	36878.3	37910.4	38438.7	38967.0	39133.4	39299.9	40895.8	42489.4	43053.2	43614.8	43446.1
67.5°	34645.4	35480.0	37428.8	39375.4	39040.2	38705.1	39453.1	40201.1	40780.4	41359.7	41264.2
70°	32059.6	33054.0	35653.1	38252.3	36605.3	34956.2	34647.7	34339.1	34965.1	35588.8	35202.6
72.5°	27422.9	28923.4	31695.6	34465.7	31431.5	28397.3	27343.0	26288.7	27081.1	27873.5	27258.7
75°	20713.1	22704.1	25767.1	28827.9	25207.8	21587.6	20180.4	18773.2	19454.6	20136.0	19714.3
77.5°	14405.1	16902.1	19918.5	22934.9	19254.9	15572.6	14527.2	13479.5	13683.7	13885.7	13814.7
80°	9821.6	11464.1	13568.3	15670.2	13219.8	10769.4	10851.5	10931.4	10836.0	10738.3	10880.4
82.5°	6159.3	7315.7	8940.5	10563.0	9262.3	7961.6	8707.4	9453.2	9087.0	8718.5	8856.1
85°	3469.2	4175.0	5764.3	7351.3	6851.8	6350.2	6787.5	7222.5	6654.3	6086.1	6336.9
87.5°	661.4	1100.9	3189.5	5275.9	4789.9	4303.8	3740.0	3176.2	2423.8	1671.3	2441.5
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°	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2
2.5°	19132.8	19095.1	19057.3	18921.9	18784.3	18580.1	18411.4	18118.4	17958.6	17716.7	17474.8
5°	20706.5	20466.8	20227.0	19814.2	19399.1	18937.5	18407.0	17818.8	17374.9	16797.8	16220.7
7.5°	21512.2	20952.8	20391.3	19598.9	18804.3	18089.6	17250.6	16469.3	15803.4	15053.2	14303.0
10°	21585.4	20746.4	19905.2	18875.3	17843.2	16975.4	16009.8	15142.0	14342.9	13481.7	12618.3
12.5°	21243.6	20351.3	19456.8	18322.6	17186.2	16200.7	15162.0	14189.8	13304.2	12356.4	11406.4
15°	20520.0	19807.5	19092.8	18029.7	16966.5	15972.1	14964.4	13812.5	12811.4	11841.5	10869.3
17.5°	19550.1	19212.7	18873.1	18105.1	17334.9	16473.7	15497.1	14145.4	12973.5	11919.2	10864.9
20°	18611.2	18735.5	18857.6	18551.3	18245.0	17554.7	16702.3	15184.2	13688.2	12309.8	10929.2
22.5°	17814.4	18411.4	19006.3	19243.8	19479.0	19064.0	18398.1	16642.4	14662.6	12862.5	11062.4
25°	17237.3	18227.2	19217.1	20007.3	20795.3	20611.0	20098.3	18413.6	15954.4	13659.3	11362.0
27.5°	17093.0	18307.1	19521.2	20746.4	21969.4	22140.3	21998.3	20280.3	17494.7	14649.2	11801.5
30°	17319.4	18549.0	19776.5	21268.0	22757.4	23438.8	23629.7	21836.2	19254.9	15803.4	12349.8
32.5°	17741.1	18946.3	20151.6	21776.3	23398.8	24428.7	25036.9	23259.0	20482.3	16673.5	12862.5
35°	18422.5	19550.1	20677.6	22368.9	24060.3	25392.0	26501.8	24728.4	21572.1	17281.7	12989.0
37.5°	19616.7	20586.6	21556.6	23119.2	24679.5	26406.4	28073.3	26346.4	22750.7	17867.6	12982.3
40°	21421.2	22107.0	22790.7	24111.3	25429.7	27602.7	29853.4	28150.9	24053.6	18502.4	12951.3
42.5°	23669.6	24022.5	24373.2	25418.6	26464.1	28852.3	31469.2	29915.5	25296.6	19092.8	12889.1
45°	26002.4	26095.6	26188.8	26848.1	27505.1	29842.3	32570.1	31240.6	26381.9	19605.6	12827.0
47.5°	28412.9	28093.2	27773.6	28035.5	28297.4	30601.4	33355.9	32246.1	27471.8	20173.8	12873.6
50°	31038.6	30148.6	29258.5	29120.9	28983.3	31360.5	34281.4	33524.6	28781.3	21001.7	13222.0
52.5°	33706.6	32239.4	30772.3	30228.5	29682.5	32266.1	35508.9	35116.0	30650.2	22284.6	13916.8
55°	36152.5	34285.9	32419.2	31686.7	30954.3	33651.1	37007.1	37453.2	33045.1	23924.9	14802.4
57.5°	38529.7	36414.5	34299.2	33620.0	32940.8	35686.4	38904.8	39550.7	35464.5	25498.5	15530.4
60°	40798.1	38705.1	36609.8	36066.0	35520.0	38216.8	40955.7	40485.2	36711.9	26235.5	15756.8
62.5°	42542.7	40878.0	39213.3	38927.0	38638.5	40775.9	42531.6	40121.2	35919.5	25509.6	15099.8
65°	43277.4	42329.6	41379.7	41648.2	41914.6	42711.4	42924.5	39055.8	33429.1	23476.5	13523.9
67.5°	41166.6	41359.7	41552.8	42680.3	43805.7	43257.4	41757.0	36956.0	29884.4	20595.5	11306.5
70°	34814.1	35972.8	37129.2	39797.1	42462.8	41246.5	38629.6	33187.2	25618.4	17277.2	8933.8
72.5°	26641.6	27944.5	29245.2	33204.9	37162.4	36041.6	32836.5	27258.7	20540.0	13796.9	7051.6
75°	19290.4	20762.0	22231.3	26599.5	30967.6	29411.7	24561.9	19516.8	15601.4	10531.9	5460.2
77.5°	13741.4	14726.9	15712.4	20027.3	24339.9	21805.2	16349.4	13133.3	10798.3	7320.2	3839.9
80°	11022.4	10720.6	10418.7	12822.5	15226.3	14804.6	10813.8	8434.4	7473.3	4905.3	2337.2
82.5°	8991.5	8254.6	7517.7	8649.7	9781.7	9719.5	7504.4	6188.2	5562.3	3409.3	1256.3
85°	6585.5	6290.3	5995.1	6996.1	7997.2	7142.6	5082.8	3933.1	4337.1	2510.3	683.6
87.5°	3211.7	3669.0	4124.0	5304.8	6483.4	4867.5	1542.6	763.5	1056.5	694.7	330.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320303  
 CATALOG NUMBER: GAN-SA9D-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: P320303

CATALOG NUMBER: GAN-SA9D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2
2.5°	17295.0	17113.0	16906.6	16700.1	16464.9	16227.4	16087.5	15945.5	15792.3	15639.2	15466.0
5°	15838.9	15457.2	15024.3	14591.5	14163.1	13734.8	13503.9	13273.1	13028.9	12782.6	12569.5
7.5°	13748.1	13191.0	12591.7	11990.2	11457.5	10922.6	10591.8	10258.9	9957.0	9653.0	9397.7
10°	11908.1	11197.8	10596.3	9992.6	9590.8	9189.1	8885.0	8580.9	8287.9	7992.7	7710.8
12.5°	10696.2	9985.9	9604.1	9222.4	8889.4	8556.5	8205.8	7852.9	7451.1	7047.2	6752.0
15°	10223.4	9577.5	9153.6	8727.4	8281.3	7832.9	7402.3	6971.7	6496.7	6021.7	5686.6
17.5°	10019.2	9173.5	8580.9	7986.1	7397.9	6809.7	6310.3	5810.9	5291.5	4772.1	4432.5
20°	9803.9	8678.6	7884.0	7087.1	6332.5	5577.8	5011.8	4445.8	3981.9	3518.0	3258.3
22.5°	9608.6	8152.5	7155.9	6157.1	5264.8	4372.6	3817.7	3260.6	2976.5	2692.4	2588.0
25°	9528.7	7693.1	6467.9	5242.7	4301.5	3358.2	2963.1	2568.1	2459.3	2348.3	2295.0
27.5°	9542.0	7282.4	5888.5	4492.4	3644.6	2796.7	2525.9	2255.1	2188.5	2119.7	2086.4
30°	9593.0	6836.3	5342.5	3848.8	3149.6	2450.4	2275.1	2097.5	2026.5	1955.5	1913.3
32.5°	9650.7	6436.8	4920.8	3402.6	2832.2	2259.5	2115.3	1968.8	1900.0	1831.2	1789.0
35°	9550.9	6110.5	4632.3	3154.0	2628.0	2099.7	1977.6	1853.4	1777.9	1702.4	1662.5
37.5°	9382.2	5782.0	4408.1	3031.9	2494.8	1955.5	1866.7	1775.7	1698.0	1618.1	1580.3
40°	9229.0	5504.6	4241.6	2976.5	2421.6	1864.4	1789.0	1713.5	1633.6	1551.5	1507.1
42.5°	9104.7	5318.1	4077.4	2836.6	2355.0	1871.1	1764.6	1655.8	1578.1	1500.4	1451.6
45°	9011.5	5196.0	3948.6	2701.2	2292.8	1884.4	1749.0	1613.6	1536.0	1456.0	1398.3
47.5°	9002.6	5131.7	3857.6	2583.6	2175.2	1764.6	1709.1	1653.6	1540.4	1425.0	1358.4
50°	9124.7	5027.4	3751.1	2472.6	2062.0	1651.4	1726.8	1800.1	1607.0	1411.7	1327.3
52.5°	9380.0	4843.1	3582.4	2321.7	1924.4	1524.9	1642.5	1757.9	1591.4	1422.8	1314.0
55°	9688.5	4572.3	3327.2	2079.7	1742.4	1402.8	1507.1	1609.2	1504.9	1398.3	1267.4
57.5°	9881.6	4230.5	3005.3	1780.1	1538.2	1296.2	1356.2	1413.9	1371.7	1329.5	1196.4
60°	9766.2	3775.5	2643.5	1509.3	1358.4	1207.5	1196.4	1183.0	1245.2	1307.3	1154.2
62.5°	9202.4	3305.0	2323.9	1342.8	1229.6	1114.2	1089.8	1063.2	1165.3	1265.2	1103.1
65°	8250.2	2976.5	2121.9	1267.4	1140.9	1014.3	987.7	961.1	992.2	1023.2	947.8
67.5°	7040.5	2774.5	2006.5	1238.5	1085.4	930.0	898.9	867.9	861.2	854.5	827.9
70°	5793.1	2650.2	1931.0	1211.9	1025.4	836.8	807.9	779.1	770.2	759.1	739.1
72.5°	4843.1	2634.6	1922.2	1209.7	976.6	743.6	716.9	690.3	679.2	665.9	650.3
75°	3966.4	2472.6	1824.5	1176.4	910.0	641.5	617.0	592.6	583.7	572.7	559.3
77.5°	2943.2	2046.5	1533.7	1021.0	779.1	537.1	512.7	486.1	483.9	479.4	468.3
80°	1908.8	1480.5	1096.5	712.5	568.2	421.7	401.7	379.5	381.8	384.0	375.1
82.5°	1061.0	863.4	670.3	477.2	388.4	299.6	290.8	279.7	286.3	290.8	279.7
85°	559.3	435.0	359.6	284.1	224.2	164.2	164.2	162.0	170.9	179.8	170.9
87.5°	241.9	153.2	131.0	106.5	59.9	11.1	13.3	13.3	17.8	22.2	20.0
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: P320303  
 CATALOG NUMBER: GAN-SA9D-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: P320303

CATALOG NUMBER: GAN-SA9D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2
2.5°	15290.7	15128.7	14964.4	14784.6	14817.9	14680.3	14542.7	14456.1	14369.6	14342.9	14316.3
5°	12356.4	12172.2	11985.7	11819.3	11963.5	11865.9	11768.2	11754.9	11739.4	11739.4	11737.1
7.5°	9142.5	8944.9	8745.2	8607.5	8749.6	8731.8	8714.1	8809.5	8905.0	8982.6	9058.1
10°	7428.9	7189.2	6947.3	6743.1	6707.6	6605.5	6501.2	6523.3	6543.3	6627.7	6712.0
12.5°	6456.8	6170.4	5884.1	5644.4	5535.6	5366.9	5196.0	5089.5	4983.0	4994.1	5002.9
15°	5349.2	5071.7	4792.1	4585.7	4516.8	4385.9	4254.9	4121.8	3986.4	3930.9	3873.2
17.5°	4090.7	3868.7	3644.6	3506.9	3506.9	3469.2	3431.5	3364.9	3296.1	3240.6	3182.9
20°	2998.7	2881.0	2761.2	2703.5	2721.2	2723.4	2723.4	2756.7	2790.0	2772.3	2754.5
22.5°	2481.5	2439.3	2397.1	2372.7	2381.6	2383.8	2386.0	2417.1	2446.0	2468.2	2488.2
25°	2239.6	2212.9	2186.3	2177.4	2197.4	2199.6	2199.6	2219.6	2239.6	2261.8	2283.9
27.5°	2050.9	2039.8	2028.7	2013.2	2033.1	2033.1	2030.9	2053.1	2073.1	2093.1	2110.8
30°	1871.1	1875.5	1877.8	1873.3	1886.6	1895.5	1902.2	1917.7	1931.0	1946.6	1962.1
32.5°	1744.6	1737.9	1731.3	1726.8	1755.7	1771.2	1786.8	1802.3	1815.6	1822.3	1828.9
35°	1622.5	1607.0	1591.4	1580.3	1607.0	1627.0	1646.9	1675.8	1702.4	1706.9	1711.3
37.5°	1540.4	1520.4	1500.4	1487.1	1498.2	1507.1	1516.0	1547.0	1578.1	1595.9	1611.4
40°	1462.7	1442.7	1422.8	1411.7	1418.3	1420.5	1422.8	1438.3	1451.6	1484.9	1516.0
42.5°	1400.6	1376.1	1351.7	1338.4	1342.8	1347.3	1349.5	1347.3	1345.1	1376.1	1407.2
45°	1338.4	1311.8	1285.1	1269.6	1271.8	1271.8	1271.8	1267.4	1260.7	1276.3	1291.8
47.5°	1289.6	1258.5	1227.4	1211.9	1207.5	1203.0	1198.6	1196.4	1191.9	1203.0	1211.9
50°	1240.7	1207.5	1171.9	1154.2	1143.1	1138.6	1134.2	1132.0	1127.5	1138.6	1147.5
52.5°	1203.0	1163.1	1123.1	1094.3	1083.2	1076.5	1069.8	1072.1	1072.1	1076.5	1078.7
55°	1136.4	1100.9	1063.2	1043.2	1023.2	1018.8	1014.3	1021.0	1025.4	1025.4	1025.4
57.5°	1063.2	1029.9	994.4	981.1	963.3	963.3	961.1	970.0	976.6	981.1	985.5
60°	998.8	961.1	923.3	912.2	905.6	903.4	901.2	912.2	921.1	930.0	938.9
62.5°	938.9	898.9	859.0	845.7	843.4	845.7	845.7	856.8	865.6	874.5	883.4
65°	872.3	832.3	790.2	776.9	781.3	788.0	794.6	803.5	810.1	819.0	827.9
67.5°	799.0	765.8	730.2	716.9	719.1	728.0	736.9	743.6	748.0	756.9	765.8
70°	719.1	690.3	661.4	652.6	650.3	661.4	670.3	674.8	679.2	690.3	699.2
72.5°	632.6	608.2	583.7	577.1	579.3	586.0	592.6	599.3	603.7	614.8	623.7
75°	543.8	521.6	499.4	495.0	499.4	506.1	512.7	517.2	521.6	534.9	546.0
77.5°	457.2	432.8	406.2	404.0	410.6	417.3	421.7	428.4	435.0	452.8	470.6
80°	366.2	339.6	310.7	308.5	315.2	321.8	328.5	335.2	341.8	364.0	384.0
82.5°	268.6	237.5	206.4	202.0	224.2	230.8	237.5	248.6	257.5	277.4	297.4
85°	162.0	131.0	99.9	97.7	117.6	128.7	139.8	153.2	164.2	182.0	199.8
87.5°	17.8	8.9	0.0	0.0	2.2	11.1	20.0	31.1	42.2	59.9	75.5
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: P320303  
 CATALOG NUMBER: GAN-SA9D-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: P320303  
 CATALOG NUMBER: GAN-SA9D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2
2.5°	14218.6	14118.8	14220.9	14320.7	14362.9	14405.1	14296.3	14185.3	14358.5	14529.4	14573.8
5°	11648.4	11557.4	11626.2	11692.8	11544.0	11395.3	11379.8	11362.0	11490.8	11619.5	11639.5
7.5°	9029.3	9000.4	9064.8	9129.1	8940.5	8749.6	8656.4	8563.1	8594.2	8625.3	8620.9
10°	6732.0	6749.7	6829.7	6907.3	6760.8	6614.4	6550.0	6485.6	6556.6	6625.5	6689.8
12.5°	5042.9	5080.6	5165.0	5247.1	5187.2	5125.0	5131.7	5138.3	5220.5	5300.4	5371.4
15°	3917.6	3962.0	4021.9	4079.6	4081.8	4081.8	4139.5	4195.0	4188.3	4181.7	4230.5
17.5°	3242.8	3300.5	3307.2	3313.8	3316.1	3318.3	3313.8	3309.4	3276.1	3242.8	3280.5
20°	2776.7	2796.7	2814.4	2830.0	2810.0	2787.8	2732.3	2676.8	2654.6	2632.4	2667.9
22.5°	2525.9	2561.4	2543.6	2523.7	2483.7	2441.5	2399.4	2355.0	2352.8	2348.3	2368.3
25°	2315.0	2343.9	2312.8	2281.7	2252.9	2224.0	2195.2	2166.3	2164.1	2161.9	2170.8
27.5°	2139.7	2166.3	2137.5	2108.6	2084.2	2059.8	2037.6	2015.4	2010.9	2006.5	2008.7
30°	1988.7	2013.2	1988.7	1962.1	1944.4	1924.4	1908.8	1893.3	1891.1	1888.9	1888.9
32.5°	1853.4	1877.8	1860.0	1842.3	1826.7	1811.2	1800.1	1789.0	1777.9	1766.8	1742.4
35°	1735.7	1760.1	1749.0	1735.7	1718.0	1700.2	1680.2	1658.0	1629.2	1598.1	1584.8
37.5°	1635.8	1660.2	1649.1	1638.1	1613.6	1589.2	1553.7	1516.0	1507.1	1496.0	1493.8
40°	1555.9	1593.7	1571.5	1547.0	1509.3	1471.6	1453.8	1436.1	1431.6	1427.2	1422.8
42.5°	1467.1	1524.9	1484.9	1444.9	1409.4	1373.9	1369.5	1365.0	1362.8	1360.6	1360.6
45°	1356.2	1418.3	1378.4	1336.2	1316.2	1296.2	1296.2	1296.2	1298.5	1298.5	1302.9
47.5°	1251.8	1289.6	1269.6	1249.6	1238.5	1227.4	1229.6	1231.9	1238.5	1243.0	1254.1
50°	1163.1	1176.4	1180.8	1183.0	1176.4	1169.7	1174.2	1176.4	1183.0	1187.5	1196.4
52.5°	1098.7	1118.7	1118.7	1116.4	1116.4	1116.4	1120.9	1125.3	1132.0	1138.6	1147.5
55°	1056.5	1085.4	1076.5	1067.6	1069.8	1069.8	1074.3	1078.7	1085.4	1089.8	1103.1
57.5°	1016.6	1047.6	1038.8	1029.9	1029.9	1029.9	1032.1	1034.3	1041.0	1045.4	1054.3
60°	970.0	1001.0	992.2	981.1	983.3	985.5	987.7	987.7	992.2	994.4	994.4
62.5°	914.5	945.5	936.7	925.6	932.2	936.7	936.7	936.7	941.1	943.3	936.7
65°	856.8	885.6	876.7	867.9	876.7	883.4	887.8	890.1	887.8	885.6	879.0
67.5°	794.6	823.5	814.6	803.5	814.6	823.5	832.3	839.0	832.3	825.7	816.8
70°	728.0	756.9	745.8	734.7	745.8	756.9	765.8	774.6	765.8	756.9	754.7
72.5°	657.0	690.3	677.0	663.7	677.0	690.3	694.7	699.2	692.5	685.9	681.4
75°	579.3	612.6	601.5	588.2	599.3	610.4	612.6	614.8	614.8	612.6	599.3
77.5°	497.2	523.8	517.2	510.5	517.2	523.8	523.8	523.8	526.0	526.0	508.3
80°	399.5	415.1	417.3	419.5	421.7	423.9	421.7	419.5	415.1	410.6	399.5
82.5°	297.4	297.4	315.2	330.7	330.7	328.5	326.3	321.8	313.0	301.9	277.4
85°	188.7	177.6	206.4	233.1	233.1	230.8	226.4	219.7	202.0	182.0	162.0
87.5°	64.4	53.3	82.1	111.0	113.2	113.2	108.8	104.3	86.6	66.6	51.1
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: P320303  
 CATALOG NUMBER: GAN-SA9D-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: P320303  
 CATALOG NUMBER: GAN-SA9D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2
2.5°	14640.4	14669.2	14695.8	14913.4	15128.7	15381.7	15634.7	15827.8	16018.7	16216.3	16413.8
5°	11708.3	11743.8	11779.3	12043.4	12305.4	12658.3	13011.2	13315.3	13619.4	13976.7	14334.1
7.5°	8678.6	8756.2	8831.7	9113.6	9393.3	9772.8	10150.1	10547.5	10942.5	11408.6	11874.8
10°	6816.3	6962.8	7107.1	7395.6	7684.2	8059.3	8432.2	8847.3	9262.3	9721.8	10179.0
12.5°	5517.9	5713.2	5906.3	6252.6	6598.8	7047.2	7493.3	7955.0	8414.4	8818.4	9222.4
15°	4359.3	4572.3	4783.2	5149.4	5515.7	6008.4	6498.9	7002.8	7504.4	7988.3	8472.1
17.5°	3400.4	3575.7	3748.9	4059.6	4368.1	4845.3	5322.6	5850.8	6379.1	6969.5	7557.7
20°	2743.4	2816.6	2889.9	3114.1	3336.0	3724.5	4110.7	4650.0	5189.4	5895.2	6601.0
22.5°	2403.8	2441.5	2477.1	2585.8	2692.4	2943.2	3191.8	3669.0	4144.0	4914.2	5682.1
25°	2199.6	2228.5	2257.3	2328.3	2399.4	2519.2	2639.1	2974.2	3309.4	4066.3	4820.9
27.5°	2015.4	2059.8	2101.9	2135.2	2166.3	2248.4	2328.3	2548.1	2767.8	3473.6	4177.3
30°	1882.2	1897.7	1913.3	1964.3	2013.2	2097.5	2181.8	2335.0	2488.2	3085.2	3680.1
32.5°	1726.8	1749.0	1771.2	1824.5	1877.8	1955.5	2033.1	2157.4	2279.5	2790.0	3298.3
35°	1587.0	1609.2	1631.4	1684.7	1735.7	1820.1	1902.2	2006.5	2108.6	2552.5	2996.4
37.5°	1500.4	1522.6	1544.8	1591.4	1635.8	1720.2	1802.3	1884.4	1964.3	2375.0	2785.6
40°	1427.2	1449.4	1471.6	1516.0	1558.1	1640.3	1720.2	1789.0	1857.8	2241.8	2625.8
42.5°	1362.8	1387.2	1411.7	1456.0	1498.2	1571.5	1644.7	1735.7	1824.5	2126.4	2426.0
45°	1309.6	1334.0	1356.2	1405.0	1453.8	1524.9	1595.9	1722.4	1848.9	2066.4	2283.9
47.5°	1260.7	1287.4	1311.8	1365.0	1418.3	1507.1	1593.7	1700.2	1804.5	2019.8	2235.1
50°	1214.1	1245.2	1276.3	1340.6	1402.8	1551.5	1698.0	1713.5	1726.8	1982.1	2235.1
52.5°	1169.7	1205.2	1240.7	1320.7	1398.3	1571.5	1744.6	1689.1	1631.4	1911.1	2190.7
55°	1125.3	1156.4	1185.3	1282.9	1380.6	1507.1	1633.6	1560.4	1484.9	1777.9	2070.9
57.5°	1065.4	1098.7	1129.8	1234.1	1338.4	1427.2	1513.8	1447.2	1378.4	1627.0	1873.3
60°	1003.3	1041.0	1078.7	1211.9	1342.8	1327.3	1309.6	1296.2	1280.7	1458.3	1635.8
62.5°	947.8	987.7	1027.7	1200.8	1373.9	1267.4	1160.8	1171.9	1180.8	1311.8	1442.7
65°	892.3	932.2	970.0	1056.5	1143.1	1100.9	1058.7	1076.5	1092.0	1220.8	1349.5
67.5°	830.1	865.6	898.9	927.8	956.6	961.1	965.5	983.3	1001.0	1154.2	1305.1
70°	761.3	790.2	819.0	839.0	856.8	865.6	872.3	894.5	916.7	1083.2	1249.6
72.5°	683.6	708.0	730.2	748.0	765.8	772.4	776.9	799.0	821.2	998.8	1176.4
75°	599.3	619.3	637.0	652.6	668.1	677.0	685.9	701.4	716.9	910.0	1100.9
77.5°	506.1	526.0	543.8	557.1	568.2	577.1	583.7	603.7	623.7	785.7	945.5
80°	395.1	419.5	441.7	452.8	461.7	463.9	463.9	481.6	499.4	614.8	728.0
82.5°	279.7	306.3	330.7	339.6	348.5	348.5	348.5	368.5	388.4	466.1	541.6
85°	164.2	193.1	219.7	228.6	237.5	241.9	244.2	253.0	259.7	315.2	368.5
87.5°	51.1	75.5	97.7	102.1	106.5	115.4	124.3	126.5	126.5	164.2	202.0
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



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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: P320303

CATALOG NUMBER: GAN-SA9D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2	16913.2
2.5°	16640.2	16866.6	17130.7	17392.6	17616.8	17841.0	18027.4
5°	14789.1	15244.1	15801.2	16356.1	16851.1	17346.0	17920.9
7.5°	12462.9	13051.1	13772.5	14493.9	15193.0	15890.0	16773.4
10°	10778.3	11375.4	12138.9	12900.2	13685.9	14469.5	15468.3
12.5°	9708.4	10192.3	10931.4	11670.6	12593.9	13515.0	14476.1
15°	9002.6	9530.9	10250.0	10969.2	11979.1	12989.0	14094.3
17.5°	8250.2	8940.5	9861.6	10782.7	11979.1	13173.2	14476.1
20°	7462.2	8321.2	9515.3	10709.5	12320.9	13930.1	15592.6
22.5°	6676.5	7670.9	9202.4	10731.7	12838.1	14942.2	17186.2
25°	5968.5	7116.0	9011.5	10904.8	13590.5	16274.0	19057.3
27.5°	5431.3	6683.2	8933.8	11182.3	14544.9	17907.6	21092.7
30°	4954.1	6228.1	8840.6	11453.0	15463.8	19472.4	22684.1
32.5°	4541.3	5784.2	8660.8	11535.2	16105.3	20675.4	24031.4
35°	4217.2	5438.0	8358.9	11279.9	16507.0	21734.1	25434.2
37.5°	3937.5	5089.5	8014.9	10940.3	16864.4	22788.4	27012.3
40°	3671.2	4716.6	7719.7	10720.6	17357.1	23993.7	28679.2
42.5°	3418.2	4410.3	7482.2	10554.1	17814.4	25072.4	30137.5
45°	3229.5	4175.0	7271.3	10365.4	18109.6	25853.7	31236.2
47.5°	3136.3	4035.2	7158.1	10278.9	18404.8	26528.4	32148.4
50°	3123.0	4010.8	7286.9	10563.0	19044.0	27522.8	33191.6
52.5°	3120.7	4050.7	7657.6	11264.4	20231.5	29196.4	34321.4
55°	3074.1	4075.2	8099.3	12121.1	21825.1	31526.9	36352.3
57.5°	2932.1	3990.8	8554.3	13115.5	23509.8	33901.9	38640.7
60°	2712.3	3786.6	8929.4	14069.9	24641.8	35211.4	39521.9
62.5°	2437.1	3429.3	9053.7	14675.9	24610.7	34545.6	38634.0
65°	2201.8	3054.1	8645.3	14234.2	23365.5	32494.7	36878.3
67.5°	1993.2	2679.0	7624.3	12567.3	21126.0	29682.5	34645.4
70°	1842.3	2432.7	6308.1	10183.4	18322.6	26459.6	32059.6
72.5°	1746.8	2315.0	5142.8	7968.3	14869.0	21767.4	27422.9
75°	1615.9	2130.8	4035.2	5937.4	11379.8	16822.2	20713.1
77.5°	1371.7	1795.6	3040.8	4286.0	8350.1	12411.9	14405.1
80°	1058.7	1387.2	2090.8	2794.5	5746.5	8698.5	9821.6
82.5°	754.7	967.7	1267.4	1567.0	3817.7	6066.1	6159.3
85°	466.1	563.8	725.8	887.8	2525.9	4163.9	3469.2
87.5°	250.8	299.6	384.0	466.1	807.9	1149.7	661.4
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: P320303  
CATALOG NUMBER: GAN-SA9D-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)