

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: P320301

Luminaire Tested: **GAN-SA7D-730-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320301  
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-SA7D-730-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 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: 43923 lumens  
Efficiency: N/A  
Efficacy: 98.0 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

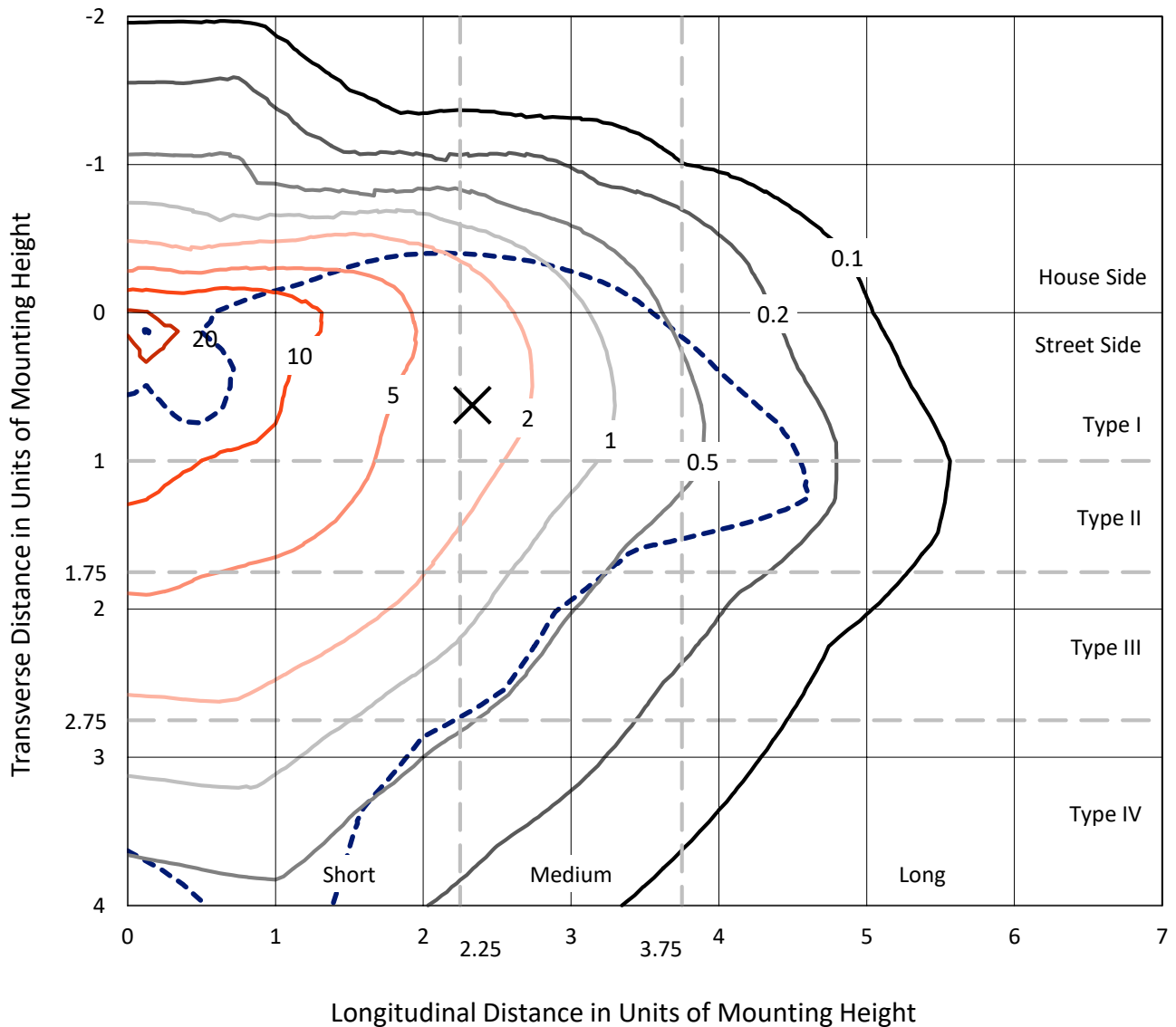
Input Watts (W): 448  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

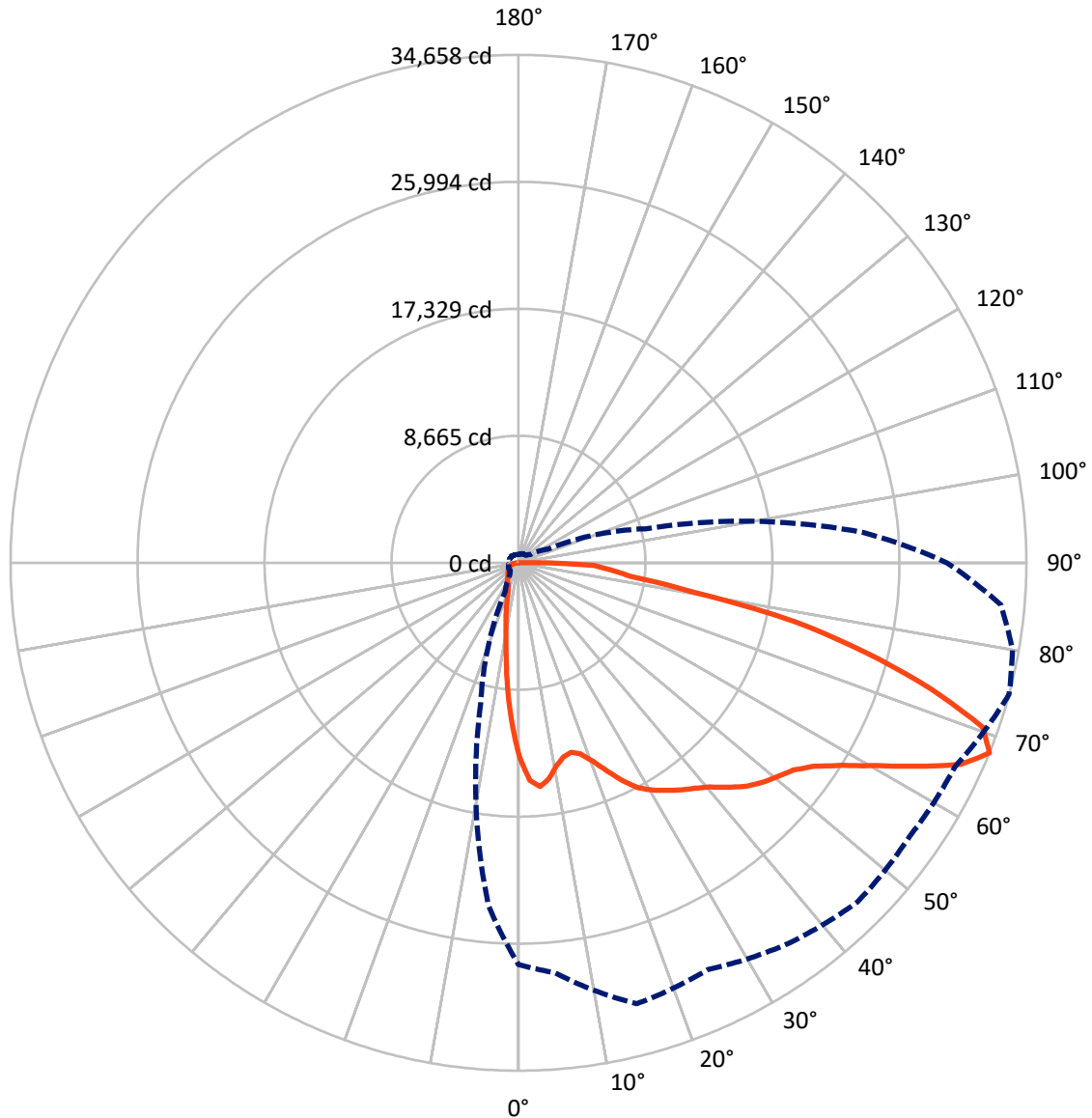
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 26.9 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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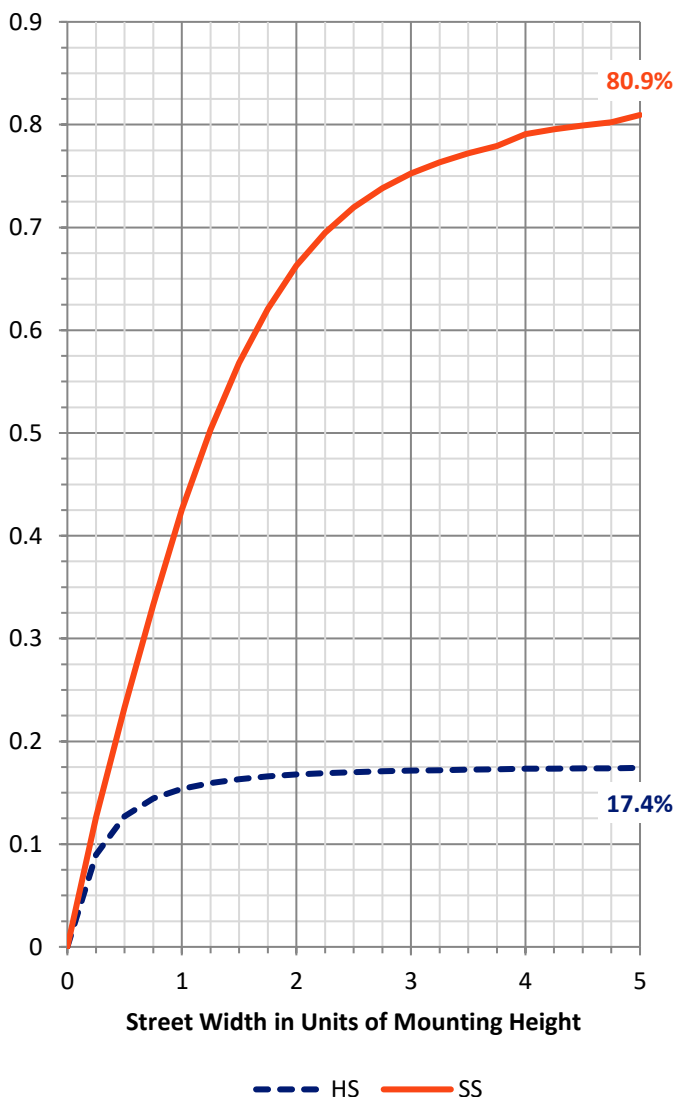
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7735.9	0.0	7735.9
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	36187.1	0.0	36187.1
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	43923.0	0.0	43923.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1032.7	2.4
10°-20°	2145.4	4.9
20°-30°	3051.3	6.9
30°-40°	4396.8	10.0
40°-50°	6196.4	14.1
50°-60°	8614.1	19.6
60°-70°	10417.0	23.7
70°-80°	6403.2	14.6
80°-90°	1666.2	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°	43923.0	100.0
0°-180°	43923.0	100.0

**Coefficient of Utilization**

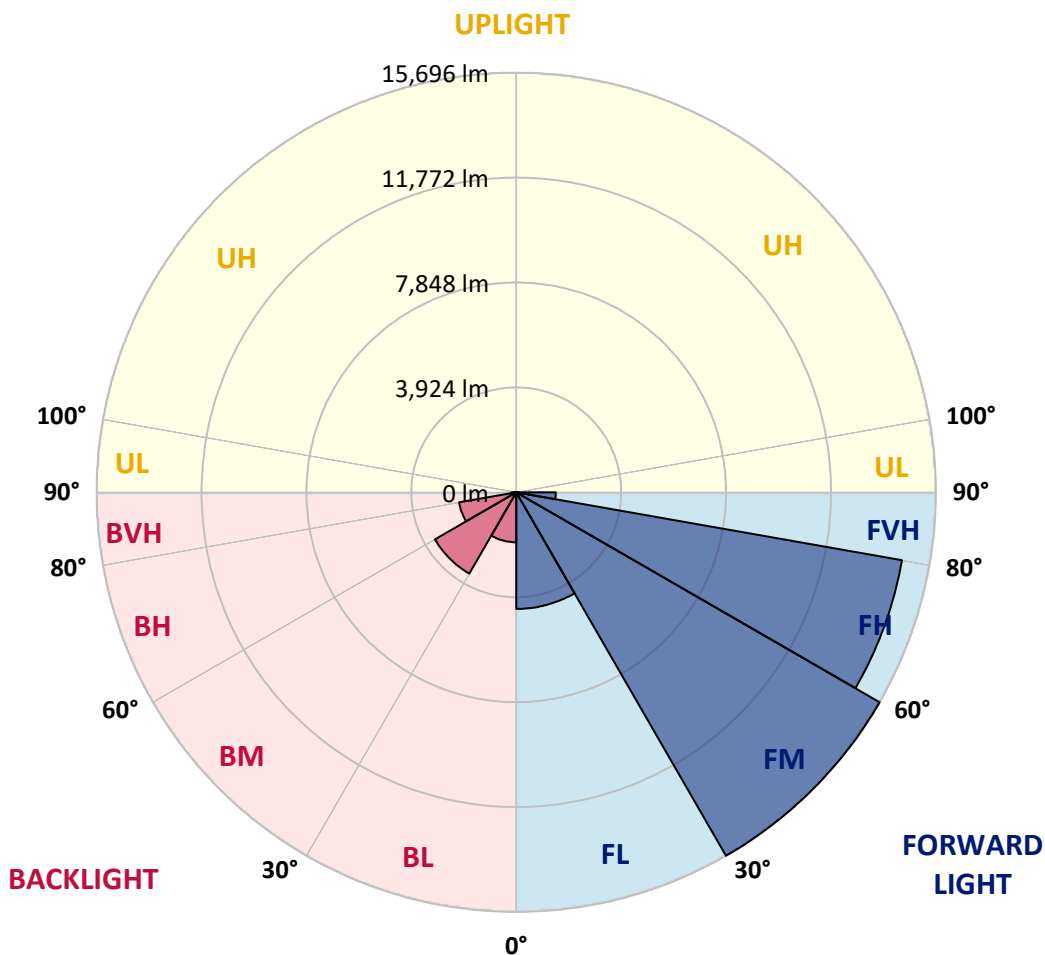


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4361.1	9.9			
FM (30°-60°)	15695.8	35.7			
FH (60°-80°)	14651.2	33.4			G5
FVH (80°-90°)	1479.0	3.4			G5
BL (0°-30°)	1868.3	4.3	B3/2500		
BM (30°-60°)	3511.5	8.0	B3/5000		
BH (60°-80°)	2168.9	4.9	B3/2500		G3/2500
BVH (80°-90°)	187.2	0.4			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**  
 Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3
2.5°	14262.9	14450.8	14580.8	14708.9	14809.0	14907.4	15051.4	15195.4	15223.5	15249.8	15193.6
5°	14178.6	14636.9	15026.8	15414.9	15774.9	16134.9	16350.9	16566.9	16610.8	16654.7	16519.5
7.5°	13270.7	13946.8	14622.9	15299.0	15918.9	16538.8	16916.3	17292.1	17378.2	17462.5	17241.2
10°	12238.1	13024.9	13855.5	14686.1	15502.7	16319.3	16865.4	17411.6	17520.4	17629.3	17353.6
12.5°	11453.2	12311.9	13198.7	14085.5	14947.8	15808.3	16373.7	16939.2	17074.4	17209.6	17009.4
15°	11151.1	12092.4	12926.5	13760.7	14512.3	15262.1	15725.7	16187.6	16243.8	16298.2	16266.6
17.5°	11453.2	12491.0	13246.1	13999.5	14408.7	14816.1	15002.2	15186.6	15248.1	15307.8	15388.5
20°	12336.5	13456.9	13989.0	14519.3	14501.7	14482.4	14392.9	14301.5	14285.7	14269.9	14498.2
22.5°	13597.3	14898.6	15111.1	15321.8	14828.4	14334.9	14034.6	13732.6	13672.9	13611.4	13853.7
25°	15077.7	16463.3	16424.6	16384.2	15444.7	14503.5	13931.0	13358.5	13291.8	13225.1	13432.3
27.5°	16688.1	18012.1	17759.3	17506.4	16229.7	14953.0	14122.4	13291.8	13225.1	13158.3	13341.0
30°	17947.2	19148.3	18742.7	18337.0	16891.8	15446.5	14459.6	13472.7	13363.8	13253.2	13477.9
32.5°	19013.1	20035.1	19490.8	18946.4	17429.1	15911.9	14844.2	13776.5	13606.1	13435.8	13736.1
35°	20122.9	20920.2	20154.6	19387.1	17908.5	16428.2	15299.0	14168.1	13959.1	13750.1	14162.8
37.5°	21371.5	22033.6	20934.3	19833.2	18447.6	17062.1	15980.3	14896.8	14682.6	14468.4	14995.2
40°	22690.3	23241.8	21775.4	20309.1	19037.7	17766.3	16923.4	16078.7	15875.0	15669.5	16308.7
42.5°	23844.1	24246.2	22558.6	20871.0	19748.9	18625.0	18031.5	17436.1	17434.4	17430.9	18078.9
45°	24713.3	25062.8	23211.9	21359.2	20442.6	19524.1	19215.1	18906.0	19153.6	19401.2	19987.7
47.5°	25435.1	25672.2	23759.8	21845.7	21236.3	20626.9	20672.6	20718.3	21222.3	21726.3	22103.8
50°	26260.5	26069.0	24256.8	22442.7	22254.8	22066.9	22477.9	22887.0	23466.5	24044.3	24300.7
52.5°	27154.3	26646.8	24931.1	23213.7	23424.4	23635.1	24471.0	25306.9	25891.7	26476.5	26573.0
55°	28761.1	27983.2	26170.9	24356.9	24762.5	25166.4	26393.9	27619.7	28076.2	28532.8	28567.9
57.5°	30571.6	29881.5	27907.7	25933.8	26369.3	26804.8	28222.0	29637.4	30130.9	30622.6	30554.1
60°	31268.8	31302.2	29556.6	27809.3	28248.3	28687.4	30067.6	31447.9	32015.1	32580.6	32429.6
62.5°	30566.4	31390.0	30457.5	29523.3	29921.9	30318.8	31670.9	33023.1	33604.4	34185.7	33922.2
65°	29177.3	29993.9	30411.8	30829.8	30961.5	31093.2	32355.8	33616.7	34062.7	34507.0	34373.6
67.5°	27410.7	28071.0	29612.8	31152.9	30887.7	30622.6	31214.4	31806.2	32264.5	32722.8	32647.3
70°	25364.9	26151.6	28208.0	30264.3	28961.3	27656.5	27412.4	27168.4	27663.6	28157.0	27851.5
72.5°	21696.4	22883.5	25076.9	27268.4	24867.9	22467.3	21633.2	20799.0	21426.0	22052.9	21566.4
75°	16387.8	17963.0	20386.4	22808.0	19943.8	17079.7	15966.3	14852.9	15392.1	15931.2	15597.5
77.5°	11397.0	13372.6	15759.1	18145.6	15234.0	12320.7	11493.6	10664.7	10826.2	10986.1	10929.9
80°	7770.7	9070.2	10734.9	12397.9	10459.2	8520.5	8585.5	8648.7	8573.2	8495.9	8608.3
82.5°	4873.1	5788.0	7073.5	8357.2	7328.1	6299.1	6889.1	7479.2	7189.4	6897.9	7006.8
85°	2744.8	3303.2	4560.5	5816.1	5421.0	5024.2	5370.1	5714.3	5264.7	4815.2	5013.6
87.5°	523.3	871.0	2523.5	4174.2	3789.6	3405.0	2959.0	2513.0	1917.6	1322.3	1931.7
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



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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°	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3
2.5°	15137.4	15107.6	15077.7	14970.6	14861.7	14700.2	14566.7	14334.9	14208.5	14017.0	13825.6
5°	16382.5	16192.8	16003.2	15676.5	15348.2	14982.9	14563.2	14097.8	13746.6	13290.0	12833.5
7.5°	17020.0	16577.4	16133.1	15506.2	14877.5	14312.1	13648.3	13030.1	12503.3	11909.8	11316.2
10°	17077.9	16414.1	15748.5	14933.7	14117.1	13430.5	12666.6	11980.0	11347.8	10666.4	9983.3
12.5°	16807.5	16101.5	15393.8	14496.5	13597.3	12817.6	11995.8	11226.6	10526.0	9776.1	9024.5
15°	16235.0	15671.3	15105.8	14264.7	13423.5	12636.8	11839.5	10928.1	10136.1	9368.7	8599.5
17.5°	15467.6	15200.6	14932.0	14324.4	13715.0	13033.6	12261.0	11191.5	10264.3	9430.2	8596.0
20°	14724.8	14823.1	14919.7	14677.3	14435.0	13888.9	13214.5	12013.4	10829.8	9739.2	8646.9
22.5°	14094.3	14566.7	15037.3	15225.2	15411.4	15083.0	14556.2	13167.1	11600.7	10176.5	8752.3
25°	13637.7	14420.9	15204.2	15829.3	16452.7	16307.0	15901.3	14568.5	12622.7	10806.9	8989.4
27.5°	13523.6	14484.2	15444.7	16414.1	17381.7	17516.9	17404.5	16045.3	13841.4	11590.1	9337.1
30°	13702.7	14675.6	15646.7	16826.8	18005.1	18544.2	18695.3	17276.3	15234.0	12503.3	9770.8
32.5°	14036.4	14989.9	15943.5	17228.9	18512.6	19327.4	19808.6	18402.0	16205.1	13191.7	10176.5
35°	14575.5	15467.6	16359.7	17697.8	19035.9	20089.6	20967.6	19564.5	17067.4	13672.9	10276.6
37.5°	15520.3	16287.7	17055.1	18291.4	19525.9	20892.1	22210.9	20844.7	17999.8	14136.5	10271.3
40°	16948.0	17490.6	18031.5	19076.3	20119.4	21838.6	23619.3	22272.4	19030.7	14638.7	10246.7
42.5°	18726.9	19006.1	19283.5	20110.7	20937.8	22827.3	24897.7	23668.5	20014.1	15105.8	10197.6
45°	20572.5	20646.3	20720.0	21241.6	21761.4	23610.5	25768.8	24716.9	20872.8	15511.5	10148.4
47.5°	22479.6	22226.7	21973.9	22181.1	22388.3	24211.1	26390.4	25512.4	21735.0	15961.0	10185.3
50°	24557.1	23852.9	23148.7	23039.8	22930.9	24811.7	27122.7	26523.9	22771.1	16616.1	10461.0
52.5°	26667.9	25507.1	24346.3	23916.1	23484.1	25528.2	28093.8	27783.0	24249.7	17631.1	11010.6
55°	28603.1	27126.2	25649.3	25069.8	24490.3	26624.0	29279.2	29632.1	26144.6	18928.8	11711.3
57.5°	30483.8	28810.3	27136.7	26599.4	26062.0	28234.3	30780.6	31291.6	28058.7	20173.9	12287.3
60°	32278.6	30622.6	28964.8	28534.6	28102.6	30236.2	32403.2	32030.9	29045.6	20756.9	12466.4
62.5°	33658.8	32341.8	31024.7	30798.2	30569.9	32261.0	33650.1	31742.9	28418.7	20182.7	11946.6
65°	34240.1	33490.2	32738.6	32951.1	33161.9	33792.3	33960.9	30900.0	26448.4	18574.1	10699.8
67.5°	32570.1	32722.8	32875.6	33767.7	34658.0	34224.3	33037.2	29238.8	23643.9	16294.7	8945.5
70°	27544.2	28460.8	29375.7	31486.6	33595.6	32633.3	30562.9	26256.9	20268.7	13669.3	7068.2
72.5°	21078.3	22109.1	23138.1	26271.0	29402.1	28515.3	25979.5	21566.4	16250.8	10915.8	5579.1
75°	15262.1	16426.4	17588.9	21044.9	24500.9	23269.8	19432.8	15441.2	12343.5	8332.6	4320.0
77.5°	10871.9	11651.6	12431.3	15845.1	19257.2	17251.8	12935.3	10390.7	8543.3	5791.6	3038.0
80°	8720.7	8481.9	8243.1	10144.9	12046.7	11713.1	8555.6	6673.1	5912.7	3880.9	1849.2
82.5°	7113.9	6530.9	5947.9	6843.5	7739.1	7689.9	5937.3	4896.0	4400.7	2697.3	993.9
85°	5210.3	4976.7	4743.2	5535.2	6327.2	5651.1	4021.4	3111.8	3431.4	1986.1	540.9
87.5°	2541.1	2902.8	3262.8	4197.0	5129.5	3851.1	1220.5	604.1	835.9	549.7	261.7
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: P320301  
 CATALOG NUMBER: GAN-SA7D-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: P320301

CATALOG NUMBER: GAN-SA7D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3
2.5°	13683.4	13539.4	13376.1	13212.8	13026.6	12838.7	12728.1	12615.7	12494.5	12373.4	12236.4
5°	12531.4	12229.4	11886.9	11544.5	11205.6	10866.6	10684.0	10501.4	10308.2	10113.3	9944.7
7.5°	10877.2	10436.4	9962.3	9486.4	9064.9	8641.7	8380.0	8116.6	7877.8	7637.2	7435.3
10°	9421.4	8859.4	8383.5	7905.9	7588.0	7270.2	7029.6	6789.0	6557.2	6323.7	6100.6
12.5°	8462.6	7900.6	7598.6	7296.5	7033.1	6769.7	6492.2	6213.0	5895.2	5575.6	5342.0
15°	8088.5	7577.5	7242.1	6904.9	6551.9	6197.2	5856.5	5515.9	5140.1	4764.3	4499.1
17.5°	7927.0	7257.9	6789.0	6318.4	5853.0	5387.7	4992.5	4597.4	4186.5	3775.6	3506.9
20°	7756.6	6866.3	6237.6	5607.2	5010.1	4413.0	3965.2	3517.4	3150.4	2783.4	2577.9
22.5°	7602.1	6450.1	5661.6	4871.4	4165.4	3459.5	3020.5	2579.7	2354.9	2130.1	2047.6
25°	7538.9	6086.6	5117.2	4147.9	3403.3	2657.0	2344.4	2031.8	1945.7	1857.9	1815.8
27.5°	7549.4	5761.7	4658.9	3554.3	2883.5	2212.7	1998.4	1784.2	1731.5	1677.1	1650.7
30°	7589.8	5408.7	4226.9	3045.0	2491.9	1938.7	1800.0	1659.5	1603.3	1547.1	1513.7
32.5°	7635.4	5092.6	3893.2	2692.1	2240.8	1787.7	1673.5	1557.6	1503.2	1448.8	1415.4
35°	7556.4	4834.5	3664.9	2495.4	2079.2	1661.3	1564.7	1466.3	1406.6	1346.9	1315.3
37.5°	7423.0	4574.6	3487.6	2398.8	1973.8	1547.1	1476.9	1404.9	1343.4	1280.2	1250.3
40°	7301.8	4355.1	3355.9	2354.9	1915.9	1475.1	1415.4	1355.7	1292.5	1227.5	1192.4
42.5°	7203.4	4207.6	3225.9	2244.3	1863.2	1480.4	1396.1	1310.0	1248.6	1187.1	1148.5
45°	7129.7	4111.0	3124.1	2137.2	1814.0	1490.9	1383.8	1276.7	1215.2	1152.0	1106.3
47.5°	7122.7	4060.1	3052.1	2044.1	1721.0	1396.1	1352.2	1308.3	1218.7	1127.4	1074.7
50°	7219.3	3977.5	2967.8	1956.3	1631.4	1306.5	1366.2	1424.2	1271.4	1116.9	1050.1
52.5°	7421.2	3831.8	2834.3	1836.9	1522.5	1206.4	1299.5	1390.8	1259.1	1125.6	1039.6
55°	7665.3	3617.5	2632.4	1645.4	1378.5	1109.8	1192.4	1273.2	1190.6	1106.3	1002.7
57.5°	7818.1	3347.1	2377.7	1408.4	1217.0	1025.6	1073.0	1118.6	1085.3	1051.9	946.5
60°	7726.8	2987.1	2091.5	1194.1	1074.7	955.3	946.5	936.0	985.2	1034.3	913.2
62.5°	7280.7	2614.8	1838.6	1062.4	972.9	881.6	862.2	841.2	921.9	1001.0	872.8
65°	6527.4	2354.9	1678.8	1002.7	902.6	802.5	781.5	760.4	785.0	809.6	749.8
67.5°	5570.3	2195.1	1587.5	979.9	858.7	735.8	711.2	686.6	681.4	676.1	655.0
70°	4583.4	2096.8	1527.8	958.8	811.3	662.0	639.2	616.4	609.4	600.6	584.8
72.5°	3831.8	2084.5	1520.8	957.1	772.7	588.3	567.2	546.1	537.4	526.8	514.5
75°	3138.1	1956.3	1443.5	930.7	720.0	507.5	488.2	468.9	461.8	453.1	442.5
77.5°	2328.6	1619.1	1213.5	807.8	616.4	425.0	405.7	384.6	382.8	379.3	370.5
80°	1510.2	1171.3	867.5	563.7	449.6	333.7	317.9	300.3	302.0	303.8	296.8
82.5°	839.4	683.1	530.3	377.6	307.3	237.1	230.0	221.3	226.5	230.0	221.3
85°	442.5	344.2	284.5	224.8	177.4	130.0	130.0	128.2	135.2	142.2	135.2
87.5°	191.4	121.2	103.6	84.3	47.4	8.8	10.5	10.5	14.0	17.6	15.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320301  
 CATALOG NUMBER: GAN-SA7D-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: P320301

CATALOG NUMBER: GAN-SA7D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3
2.5°	12097.7	11969.5	11839.5	11697.3	11723.6	11614.7	11505.9	11437.4	11368.9	11347.8	11326.7
5°	9776.1	9630.4	9482.8	9351.1	9465.3	9388.0	9310.7	9300.2	9287.9	9287.9	9286.2
7.5°	7233.3	7077.0	6919.0	6810.1	6922.5	6908.4	6894.4	6969.9	7045.4	7106.9	7166.6
10°	5877.6	5688.0	5496.5	5335.0	5306.9	5226.1	5143.6	5161.1	5176.9	5243.7	5310.4
12.5°	5108.4	4881.9	4655.4	4465.7	4379.7	4246.2	4111.0	4026.7	3942.4	3951.2	3958.2
15°	4232.2	4012.6	3791.4	3628.1	3573.6	3470.0	3366.4	3261.0	3153.9	3110.0	3064.4
17.5°	3236.5	3060.9	2883.5	2774.6	2774.6	2744.8	2714.9	2662.2	2607.8	2563.9	2518.2
20°	2372.5	2279.4	2184.6	2138.9	2153.0	2154.7	2154.7	2181.1	2207.4	2193.3	2179.3
22.5°	1963.3	1929.9	1896.6	1877.3	1884.3	1886.0	1887.8	1912.4	1935.2	1952.8	1968.6
25°	1771.9	1750.8	1729.7	1722.7	1738.5	1740.3	1740.3	1756.1	1771.9	1789.4	1807.0
27.5°	1622.6	1613.8	1605.1	1592.8	1608.6	1608.6	1606.8	1624.4	1640.2	1656.0	1670.0
30°	1480.4	1483.9	1485.6	1482.1	1492.7	1499.7	1505.0	1517.3	1527.8	1540.1	1552.4
32.5°	1380.3	1375.0	1369.7	1366.2	1389.1	1401.4	1413.6	1425.9	1436.5	1441.7	1447.0
35°	1283.7	1271.4	1259.1	1250.3	1271.4	1287.2	1303.0	1325.8	1346.9	1350.4	1353.9
37.5°	1218.7	1202.9	1187.1	1176.6	1185.4	1192.4	1199.4	1224.0	1248.6	1262.6	1274.9
40°	1157.3	1141.5	1125.6	1116.9	1122.1	1123.9	1125.6	1137.9	1148.5	1174.8	1199.4
42.5°	1108.1	1088.8	1069.5	1058.9	1062.4	1065.9	1067.7	1065.9	1064.2	1088.8	1113.4
45°	1058.9	1037.8	1016.8	1004.5	1006.2	1006.2	1006.2	1002.7	997.5	1009.7	1022.0
47.5°	1020.3	995.7	971.1	958.8	955.3	951.8	948.3	946.5	943.0	951.8	958.8
50°	981.7	955.3	927.2	913.2	904.4	900.9	897.4	895.6	892.1	900.9	907.9
52.5°	951.8	920.2	888.6	865.7	857.0	851.7	846.4	848.2	848.2	851.7	853.5
55°	899.1	871.0	841.2	825.4	809.6	806.0	802.5	807.8	811.3	811.3	811.3
57.5°	841.2	814.8	786.7	776.2	762.1	762.1	760.4	767.4	772.7	776.2	779.7
60°	790.2	760.4	730.5	721.7	716.5	714.7	713.0	721.7	728.8	735.8	742.8
62.5°	742.8	711.2	679.6	669.1	667.3	669.1	669.1	677.8	684.9	691.9	698.9
65°	690.1	658.5	625.2	614.6	618.1	623.4	628.7	635.7	641.0	648.0	655.0
67.5°	632.2	605.8	577.8	567.2	569.0	576.0	583.0	588.3	591.8	598.8	605.8
70°	569.0	546.1	523.3	516.3	514.5	523.3	530.3	533.8	537.4	546.1	553.2
72.5°	500.5	481.2	461.8	456.6	458.3	463.6	468.9	474.1	477.7	486.4	493.5
75°	430.2	412.7	395.1	391.6	395.1	400.4	405.7	409.2	412.7	423.2	432.0
77.5°	361.8	342.4	321.4	319.6	324.9	330.1	333.7	338.9	344.2	358.2	372.3
80°	289.8	268.7	245.9	244.1	249.4	254.6	259.9	265.2	270.4	288.0	303.8
82.5°	212.5	187.9	163.3	159.8	177.4	182.6	187.9	196.7	203.7	219.5	235.3
85°	128.2	103.6	79.0	77.3	93.1	101.9	110.6	121.2	130.0	144.0	158.0
87.5°	14.0	7.0	0.0	0.0	1.8	8.8	15.8	24.6	33.4	47.4	59.7
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: P320301  
 CATALOG NUMBER: GAN-SA7D-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: P320301

CATALOG NUMBER: GAN-SA7D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3
2.5°	11249.5	11170.4	11251.2	11330.2	11363.6	11397.0	11310.9	11223.1	11360.1	11495.3	11530.4
5°	9215.9	9143.9	9198.4	9251.0	9133.4	9015.7	9003.4	8989.4	9091.2	9193.1	9208.9
7.5°	7143.7	7120.9	7171.8	7222.8	7073.5	6922.5	6848.7	6775.0	6799.6	6824.1	6820.6
10°	5326.2	5340.2	5403.5	5464.9	5349.0	5233.1	5182.2	5131.3	5187.5	5241.9	5292.8
12.5°	3989.8	4019.7	4086.4	4151.4	4104.0	4054.8	4060.1	4065.3	4130.3	4193.5	4249.7
15°	3099.5	3134.6	3182.0	3227.7	3229.4	3229.4	3275.1	3319.0	3313.7	3308.5	3347.1
17.5°	2565.6	2611.3	2616.6	2621.8	2623.6	2625.3	2621.8	2618.3	2592.0	2565.6	2595.5
20°	2196.9	2212.7	2226.7	2239.0	2223.2	2205.6	2161.7	2117.8	2100.3	2082.7	2110.8
22.5°	1998.4	2026.5	2012.5	1996.7	1965.1	1931.7	1898.3	1863.2	1861.4	1857.9	1873.7
25°	1831.6	1854.4	1829.8	1805.3	1782.4	1759.6	1736.8	1713.9	1712.2	1710.4	1717.4
27.5°	1692.9	1713.9	1691.1	1668.3	1649.0	1629.6	1612.1	1594.5	1591.0	1587.5	1589.3
30°	1573.4	1592.8	1573.4	1552.4	1538.3	1522.5	1510.2	1497.9	1496.2	1494.4	1494.4
32.5°	1466.3	1485.6	1471.6	1457.5	1445.3	1433.0	1424.2	1415.4	1406.6	1397.8	1378.5
35°	1373.3	1392.6	1383.8	1373.3	1359.2	1345.2	1329.4	1311.8	1289.0	1264.4	1253.8
37.5°	1294.2	1313.5	1304.8	1296.0	1276.7	1257.4	1229.3	1199.4	1192.4	1183.6	1181.8
40°	1231.0	1260.9	1243.3	1224.0	1194.1	1164.3	1150.2	1136.2	1132.7	1129.2	1125.6
42.5°	1160.8	1206.4	1174.8	1143.2	1115.1	1087.0	1083.5	1080.0	1078.2	1076.5	1076.5
45°	1073.0	1122.1	1090.5	1057.2	1041.4	1025.6	1025.6	1025.6	1027.3	1027.3	1030.8
47.5°	990.4	1020.3	1004.5	988.7	979.9	971.1	972.9	974.6	979.9	983.4	992.2
50°	920.2	930.7	934.2	936.0	930.7	925.5	929.0	930.7	936.0	939.5	946.5
52.5°	869.3	885.1	885.1	883.3	883.3	883.3	886.8	890.3	895.6	900.9	907.9
55°	835.9	858.7	851.7	844.7	846.4	846.4	849.9	853.5	858.7	862.2	872.8
57.5°	804.3	828.9	821.8	814.8	814.8	814.8	816.6	818.3	823.6	827.1	834.1
60°	767.4	792.0	785.0	776.2	777.9	779.7	781.5	781.5	785.0	786.7	786.7
62.5°	723.5	748.1	741.1	732.3	737.6	741.1	741.1	741.1	744.6	746.3	741.1
65°	677.8	700.7	693.7	686.6	693.7	698.9	702.4	704.2	702.4	700.7	695.4
67.5°	628.7	651.5	644.5	635.7	644.5	651.5	658.5	663.8	658.5	653.3	646.2
70°	576.0	598.8	590.0	581.3	590.0	598.8	605.8	612.9	605.8	598.8	597.1
72.5°	519.8	546.1	535.6	525.1	535.6	546.1	549.7	553.2	547.9	542.6	539.1
75°	458.3	484.7	475.9	465.4	474.1	482.9	484.7	486.4	486.4	484.7	474.1
77.5°	393.4	414.4	409.2	403.9	409.2	414.4	414.4	414.4	416.2	416.2	402.1
80°	316.1	328.4	330.1	331.9	333.7	335.4	333.7	331.9	328.4	324.9	316.1
82.5°	235.3	235.3	249.4	261.7	261.7	259.9	258.1	254.6	247.6	238.8	219.5
85°	149.3	140.5	163.3	184.4	184.4	182.6	179.1	173.9	159.8	144.0	128.2
87.5°	50.9	42.1	65.0	87.8	89.6	89.6	86.0	82.5	68.5	52.7	40.4
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



REPORT NUMBER: P320301  
 CATALOG NUMBER: GAN-SA7D-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: P320301

CATALOG NUMBER: GAN-SA7D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3
2.5°	11583.1	11605.9	11627.0	11799.1	11969.5	12169.7	12369.8	12522.6	12673.6	12829.9	12986.2
5°	9263.3	9291.4	9319.5	9528.5	9735.7	10014.9	10294.2	10534.7	10775.3	11058.1	11340.8
7.5°	6866.3	6927.7	6987.5	7210.5	7431.7	7732.0	8030.6	8344.9	8657.5	9026.3	9395.0
10°	5392.9	5508.8	5623.0	5851.3	6079.6	6376.3	6671.4	6999.7	7328.1	7691.6	8053.4
12.5°	4365.6	4520.2	4672.9	4946.9	5220.8	5575.6	5928.5	6293.8	6657.3	6976.9	7296.5
15°	3448.9	3617.5	3784.4	4074.1	4363.9	4753.7	5141.8	5540.4	5937.3	6320.1	6703.0
17.5°	2690.3	2829.0	2966.0	3211.9	3456.0	3833.5	4211.1	4629.0	5047.0	5514.1	5979.5
20°	2170.5	2228.5	2286.4	2463.8	2639.4	2946.7	3252.3	3679.0	4105.7	4664.2	5222.6
22.5°	1901.8	1931.7	1959.8	2045.8	2130.1	2328.6	2525.2	2902.8	3278.6	3888.0	4495.6
25°	1740.3	1763.1	1785.9	1842.1	1898.3	1993.2	2088.0	2353.2	2618.3	3217.1	3814.2
27.5°	1594.5	1629.6	1663.0	1689.4	1713.9	1778.9	1842.1	2016.0	2189.8	2748.3	3304.9
30°	1489.2	1501.5	1513.7	1554.1	1592.8	1659.5	1726.2	1847.4	1968.6	2441.0	2911.6
32.5°	1366.2	1383.8	1401.4	1443.5	1485.6	1547.1	1608.6	1706.9	1803.5	2207.4	2609.5
35°	1255.6	1273.2	1290.7	1332.9	1373.3	1440.0	1505.0	1587.5	1668.3	2019.5	2370.7
37.5°	1187.1	1204.7	1222.2	1259.1	1294.2	1361.0	1425.9	1490.9	1554.1	1879.0	2203.9
40°	1129.2	1146.7	1164.3	1199.4	1232.8	1297.7	1361.0	1415.4	1469.8	1773.6	2077.4
42.5°	1078.2	1097.6	1116.9	1152.0	1185.4	1243.3	1301.3	1373.3	1443.5	1682.3	1919.4
45°	1036.1	1055.4	1073.0	1111.6	1150.2	1206.4	1262.6	1362.7	1462.8	1634.9	1807.0
47.5°	997.5	1018.5	1037.8	1080.0	1122.1	1192.4	1260.9	1345.2	1427.7	1598.0	1768.4
50°	960.6	985.2	1009.7	1060.7	1109.8	1227.5	1343.4	1355.7	1366.2	1568.2	1768.4
52.5°	925.5	953.6	981.7	1044.9	1106.3	1243.3	1380.3	1336.4	1290.7	1512.0	1733.3
55°	890.3	914.9	937.7	1015.0	1092.3	1192.4	1292.5	1234.5	1174.8	1406.6	1638.4
57.5°	842.9	869.3	893.8	976.4	1058.9	1129.2	1197.6	1145.0	1090.5	1287.2	1482.1
60°	793.7	823.6	853.5	958.8	1062.4	1050.1	1036.1	1025.6	1013.3	1153.7	1294.2
62.5°	749.8	781.5	813.1	950.0	1087.0	1002.7	918.4	927.2	934.2	1037.8	1141.5
65°	705.9	737.6	767.4	835.9	904.4	871.0	837.7	851.7	864.0	965.8	1067.7
67.5°	656.8	684.9	711.2	734.0	756.9	760.4	763.9	777.9	792.0	913.2	1032.6
70°	602.3	625.2	648.0	663.8	677.8	684.9	690.1	707.7	725.3	857.0	988.7
72.5°	540.9	560.2	577.8	591.8	605.8	611.1	614.6	632.2	649.8	790.2	930.7
75°	474.1	489.9	504.0	516.3	528.6	535.6	542.6	554.9	567.2	720.0	871.0
77.5°	400.4	416.2	430.2	440.8	449.6	456.6	461.8	477.7	493.5	621.7	748.1
80°	312.6	331.9	349.5	358.2	365.3	367.0	367.0	381.1	395.1	486.4	576.0
82.5°	221.3	242.3	261.7	268.7	275.7	275.7	275.7	291.5	307.3	368.8	428.5
85°	130.0	152.8	173.9	180.9	187.9	191.4	193.2	200.2	205.5	249.4	291.5
87.5°	40.4	59.7	77.3	80.8	84.3	91.3	98.3	100.1	100.1	130.0	159.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320301  
 CATALOG NUMBER: GAN-SA7D-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



REPORT NUMBER: P320301

CATALOG NUMBER: GAN-SA7D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3	13381.3
2.5°	13165.3	13344.5	13553.4	13760.7	13938.0	14115.4	14262.9
5°	11700.8	12060.8	12501.6	12940.6	13332.2	13723.8	14178.6
7.5°	9860.4	10325.8	10896.5	11467.2	12020.4	12571.8	13270.7
10°	8527.5	8999.9	9604.0	10206.4	10828.0	11447.9	12238.1
12.5°	7681.1	8063.9	8648.7	9233.5	9964.0	10692.8	11453.2
15°	7122.7	7540.6	8109.6	8678.6	9477.6	10276.6	11151.1
17.5°	6527.4	7073.5	7802.3	8531.0	9477.6	10422.3	11453.2
20°	5903.9	6583.6	7528.3	8473.1	9748.0	11021.2	12336.5
22.5°	5282.3	6069.0	7280.7	8490.7	10157.2	11821.9	13597.3
25°	4722.1	5630.0	7129.7	8627.6	10752.5	12875.6	15077.7
27.5°	4297.1	5287.6	7068.2	8847.1	11507.6	14168.1	16688.1
30°	3919.6	4927.6	6994.5	9061.4	12234.6	15406.1	17947.2
32.5°	3592.9	4576.4	6852.2	9126.4	12742.1	16357.9	19013.1
35°	3336.6	4302.4	6613.4	8924.4	13060.0	17195.6	20122.9
37.5°	3115.3	4026.7	6341.2	8655.7	13342.7	18029.7	21371.5
40°	2904.6	3731.7	6107.7	8481.9	13732.6	18983.3	22690.3
42.5°	2704.4	3489.3	5919.8	8350.2	14094.3	19836.7	23844.1
45°	2555.1	3303.2	5752.9	8200.9	14327.9	20454.8	24713.3
47.5°	2481.3	3192.6	5663.4	8132.4	14561.4	20988.7	25435.1
50°	2470.8	3173.2	5765.2	8357.2	15067.2	21775.4	26260.5
52.5°	2469.1	3204.9	6058.5	8912.1	16006.7	23099.5	27154.3
55°	2432.2	3224.2	6407.9	9590.0	17267.6	24943.4	28761.1
57.5°	2319.8	3157.4	6767.9	10376.7	18600.4	26822.4	30571.6
60°	2145.9	2995.9	7064.7	11131.8	19496.0	27858.5	31268.8
62.5°	1928.2	2713.1	7163.1	11611.2	19471.4	27331.7	30566.4
65°	1742.0	2416.4	6839.9	11261.8	18486.3	25709.0	29177.3
67.5°	1577.0	2119.6	6032.1	9942.9	16714.4	23484.1	27410.7
70°	1457.5	1924.7	4990.8	8056.9	14496.5	20934.3	25364.9
72.5°	1382.0	1831.6	4068.8	6304.3	11764.0	17221.9	21696.4
75°	1278.4	1685.8	3192.6	4697.5	9003.4	13309.3	16387.8
77.5°	1085.3	1420.7	2405.8	3391.0	6606.4	9820.0	11397.0
80°	837.7	1097.6	1654.2	2210.9	4546.5	6882.1	7770.7
82.5°	597.1	765.7	1002.7	1239.8	3020.5	4799.4	4873.1
85°	368.8	446.0	574.2	702.4	1998.4	3294.4	2744.8
87.5°	198.4	237.1	303.8	368.8	639.2	909.7	523.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320301  
CATALOG NUMBER: GAN-SA7D-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)