

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: P320299

Luminaire Tested: **GAN-SA5D-730-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320299  
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-SA5D-730-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 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: 31037 lumens  
Efficiency: N/A  
Efficacy: 97.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

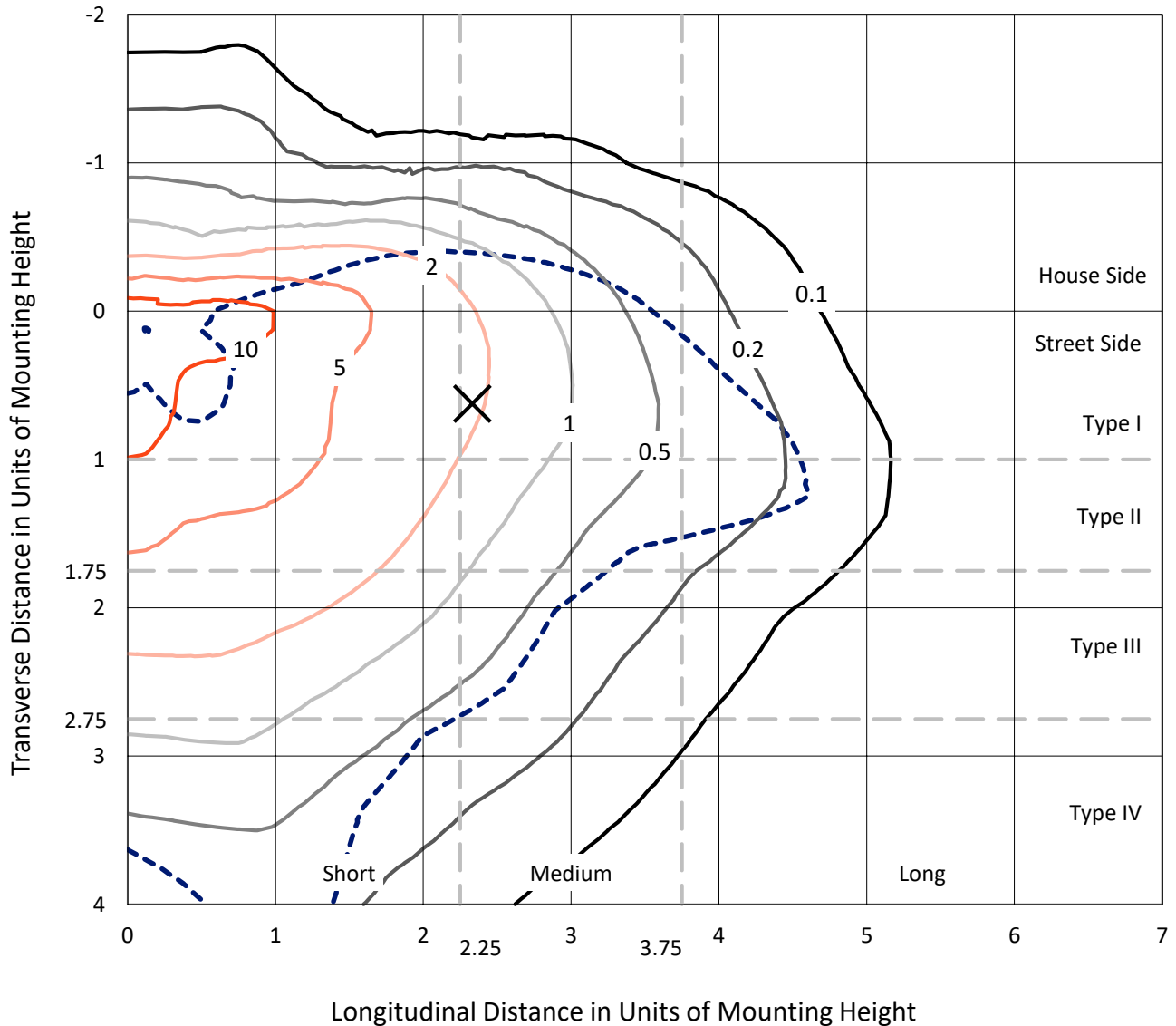
Input Watts (W): 320  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

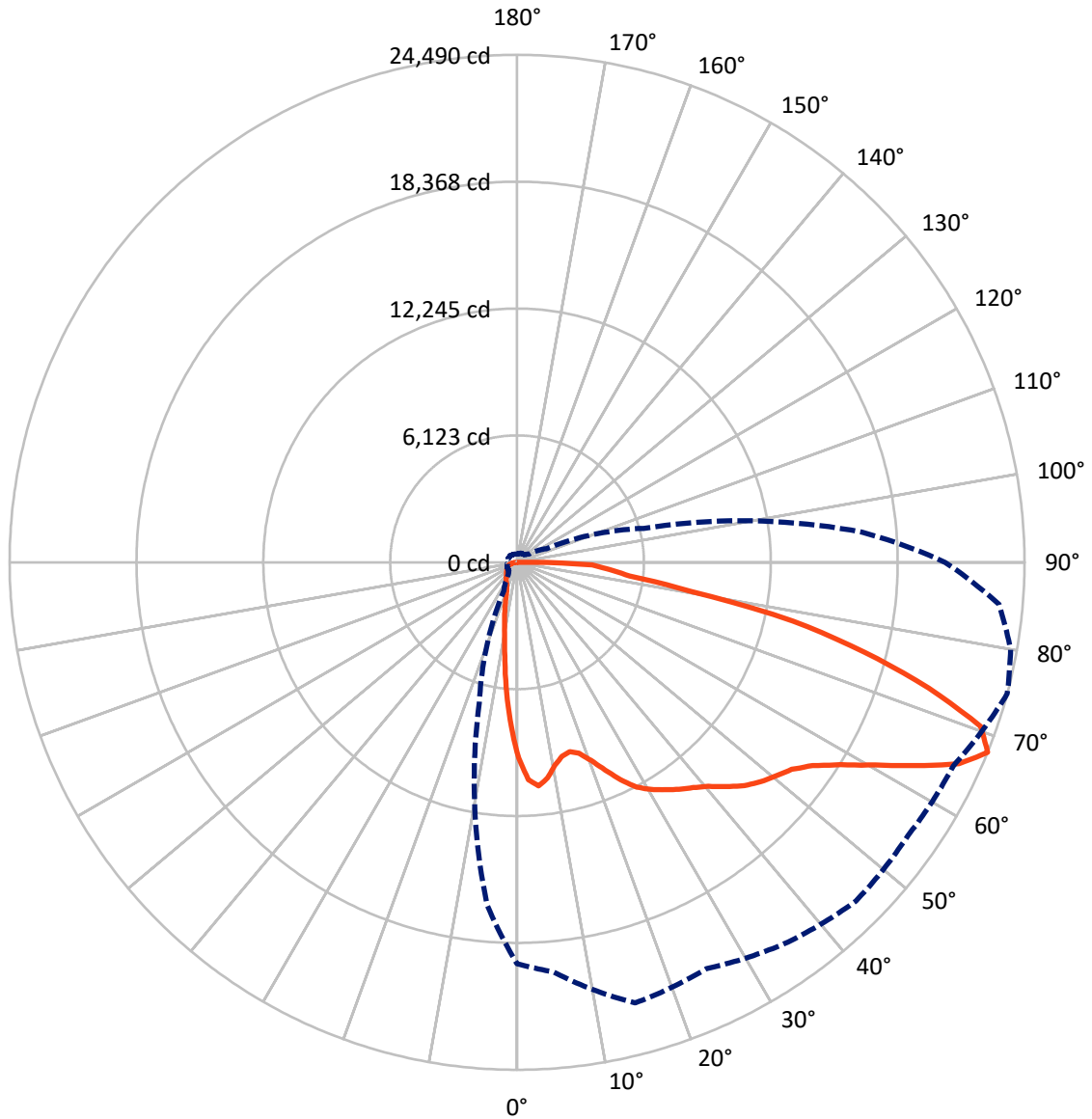
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19 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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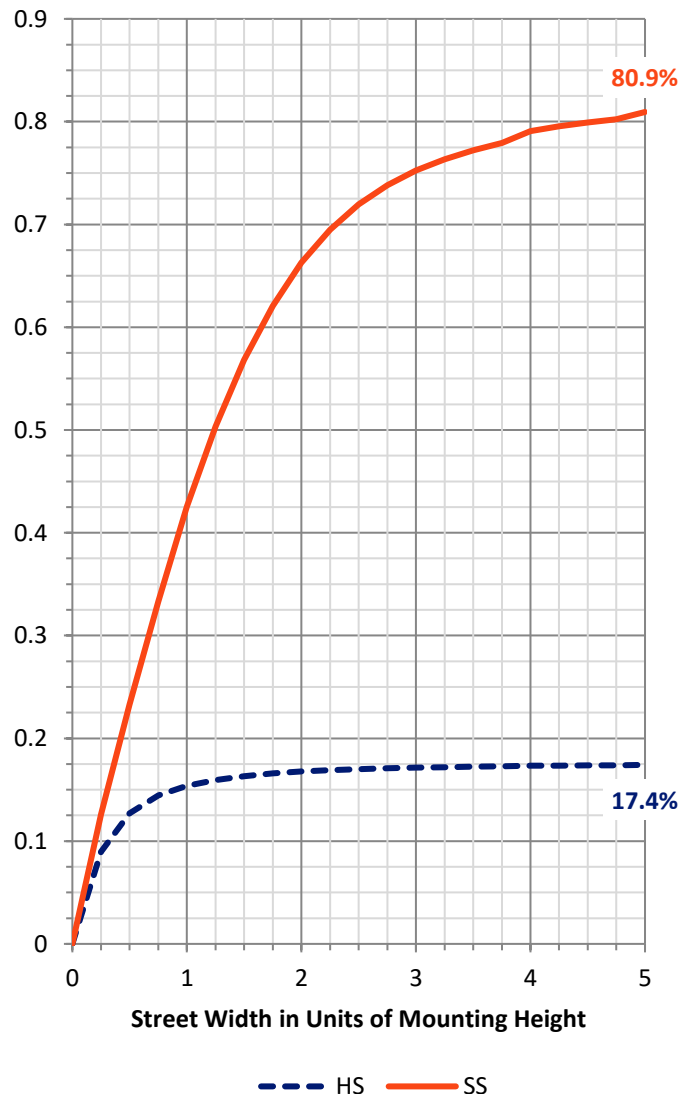
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5466.4	0.0	5466.4
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	25570.6	0.0	25570.6
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	31037.0	0.0	31037.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	729.8	2.4
10°-20°	1516.0	4.9
20°-30°	2156.1	6.9
30°-40°	3106.9	10.0
40°-50°	4378.5	14.1
50°-60°	6086.9	19.6
60°-70°	7360.9	23.7
70°-80°	4524.6	14.6
80°-90°	1177.4	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°	31037.0	100.0
0°-180°	31037.0	100.0

**Coefficient of Utilization**

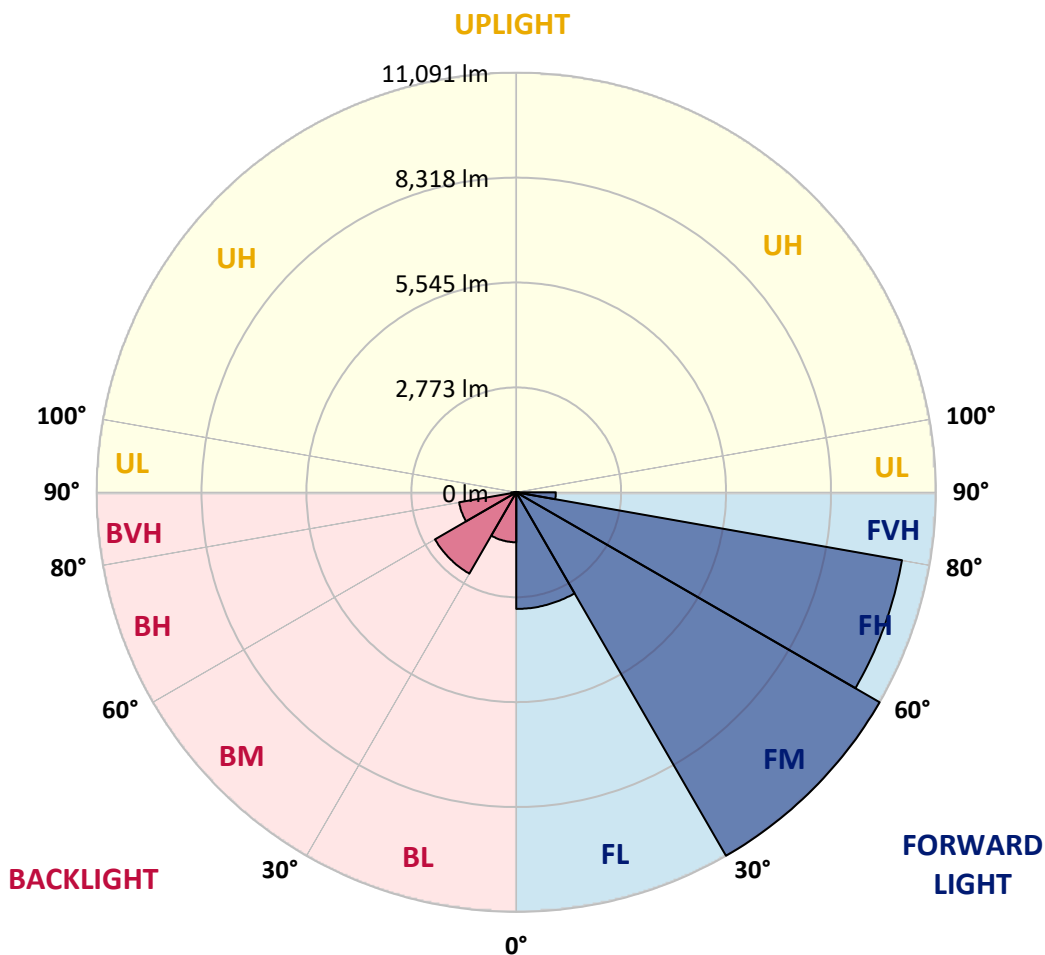


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3081.7	9.9			
FM (30°-60°)	11091.0	35.7			
FH (60°-80°)	10352.9	33.4			G4/12000
FVH (80°-90°)	1045.1	3.4			G5
BL (0°-30°)	1320.2	4.3	B3/2500		
BM (30°-60°)	2481.3	8.0	B2/2500		
BH (60°-80°)	1532.6	4.9	B3/2500		G3/2500
BVH (80°-90°)	132.3	0.4			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

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





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	10078.5	10211.3	10303.1	10393.7	10464.4	10533.9	10635.7	10737.4	10757.3	10775.9	10736.2
5°	10018.9	10342.8	10618.3	10892.5	11146.9	11401.3	11553.9	11706.5	11737.6	11768.6	11673.0
7.5°	9377.4	9855.1	10332.9	10810.6	11248.7	11686.7	11953.5	12219.0	12279.8	12339.4	12183.0
10°	8647.7	9203.7	9790.6	10377.5	10954.6	11531.6	11917.5	12303.4	12380.3	12457.3	12262.5
12.5°	8093.1	8699.9	9326.5	9953.2	10562.4	11170.5	11570.0	11969.6	12065.2	12160.7	12019.2
15°	7879.6	8544.8	9134.2	9723.6	10254.7	10784.6	11112.2	11438.5	11478.2	11516.7	11494.3
17.5°	8093.1	8826.4	9360.0	9892.4	10181.5	10469.4	10600.9	10731.2	10774.6	10816.8	10873.9
20°	8717.2	9508.9	9884.9	10259.7	10247.3	10233.6	10170.3	10105.8	10094.6	10083.5	10244.8
22.5°	9608.2	10527.7	10677.8	10826.7	10478.1	10129.4	9917.2	9703.7	9661.6	9618.1	9789.4
25°	10654.3	11633.3	11606.0	11577.5	10913.6	10248.5	9844.0	9439.4	9392.3	9345.1	9491.6
27.5°	11792.2	12727.8	12549.1	12370.4	11468.3	10566.2	9979.2	9392.3	9345.1	9298.0	9427.0
30°	12681.9	13530.6	13244.0	12957.4	11936.1	10914.9	10217.5	9520.1	9443.2	9365.0	9523.8
32.5°	13435.1	14157.3	13772.6	13387.9	12315.8	11243.7	10489.2	9734.8	9614.4	9494.0	9706.2
35°	14219.3	14782.7	14241.7	13699.4	12654.6	11608.5	10810.6	10011.5	9863.8	9716.2	10007.8
37.5°	15101.6	15569.4	14792.6	14014.6	13035.5	12056.5	11292.1	10526.5	10375.1	10223.7	10595.9
40°	16033.5	16423.2	15387.0	14350.9	13452.5	12554.1	11958.4	11361.6	11217.6	11072.4	11524.1
42.5°	16848.8	17132.9	15940.4	14748.0	13955.0	13160.9	12741.4	12320.8	12319.5	12317.1	12774.9
45°	17463.0	17710.0	16402.1	15092.9	14445.2	13796.2	13577.8	13359.4	13534.4	13709.3	14123.8
47.5°	17973.0	18140.5	16789.2	15436.6	15006.1	14575.5	14607.7	14640.0	14996.1	15352.3	15619.1
50°	18556.2	18421.0	17140.4	15858.6	15725.8	15593.0	15883.4	16172.5	16582.0	16990.2	17171.4
52.5°	19187.9	18829.2	17616.9	16403.3	16552.2	16701.1	17291.8	17882.4	18295.7	18708.9	18777.1
55°	20323.3	19773.6	18493.0	17211.1	17497.8	17783.2	18650.5	19516.7	19839.3	20162.0	20186.8
57.5°	21602.6	21115.0	19720.2	18325.4	18633.2	18940.9	19942.3	20942.5	21291.2	21638.6	21590.2
60°	22095.3	22118.8	20885.4	19650.7	19960.9	20271.1	21246.5	22221.8	22622.6	23022.2	22915.5
62.5°	21598.9	22180.9	21522.0	20861.8	21143.5	21423.9	22379.4	23334.9	23745.6	24156.4	23970.2
65°	20617.4	21194.4	21489.7	21785.0	21878.1	21971.2	22863.4	23754.3	24069.5	24383.5	24289.1
67.5°	19369.0	19835.6	20925.1	22013.4	21826.0	21638.6	22056.8	22475.0	22798.8	23122.7	23069.4
70°	17923.4	18479.3	19932.4	21385.5	20464.7	19542.7	19370.3	19197.8	19547.7	19896.4	19680.5
72.5°	15331.2	16170.0	17719.9	19268.5	17572.2	15875.9	15286.5	14697.1	15140.1	15583.1	15239.3
75°	11580.0	12693.0	14405.5	16116.7	14092.8	12068.9	11282.2	10495.4	10876.4	11257.3	11021.6
77.5°	8053.4	9449.4	11135.7	12822.1	10764.7	8706.1	8121.6	7535.9	7650.1	7763.0	7723.3
80°	5490.9	6409.2	7585.5	8760.7	7390.7	6020.8	6066.7	6111.4	6058.0	6003.4	6082.8
82.5°	3443.5	4090.0	4998.3	5905.4	5178.2	4451.1	4868.0	5284.9	5080.2	4874.2	4951.1
85°	1939.5	2334.1	3222.6	4109.8	3830.6	3550.2	3794.6	4037.8	3720.2	3402.5	3542.7
87.5°	369.8	615.5	1783.2	2949.6	2677.8	2406.1	2090.9	1775.7	1355.0	934.4	1365.0
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):**

	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°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	10696.5	10675.4	10654.3	10578.6	10501.6	10387.5	10293.2	10129.4	10040.0	9904.8	9769.5
5°	11576.2	11442.2	11308.2	11077.4	10845.4	10587.3	10290.7	9961.8	9713.7	9391.0	9068.4
7.5°	12026.7	11714.0	11400.0	10957.0	10512.8	10113.2	9644.2	9207.4	8835.1	8415.7	7996.3
10°	12067.6	11598.6	11128.3	10552.5	9975.5	9490.3	8950.5	8465.3	8018.6	7537.2	7054.4
12.5°	11876.5	11377.7	10877.6	10243.5	9608.2	9057.2	8476.5	7933.0	7437.9	6908.0	6376.9
15°	11472.0	11073.7	10674.1	10079.7	9485.3	8929.4	8366.1	7722.0	7162.4	6620.1	6076.6
17.5°	10929.7	10741.1	10551.3	10121.9	9691.3	9209.9	8663.9	7908.2	7253.0	6663.6	6074.1
20°	10404.8	10474.3	10542.6	10371.3	10200.1	9814.2	9337.7	8488.9	7652.6	6882.0	6110.1
22.5°	9959.4	10293.2	10625.7	10758.5	10890.0	10658.0	10285.7	9304.2	8197.3	7190.9	6184.6
25°	9636.7	10190.2	10743.6	11185.4	11625.9	11522.9	11236.2	10294.4	8919.5	7636.4	6352.1
27.5°	9556.1	10234.8	10913.6	11598.6	12282.3	12377.9	12298.4	11338.0	9780.7	8189.9	6597.8
30°	9682.6	10370.1	11056.3	11890.2	12722.8	13103.8	13210.5	12207.9	10764.7	8835.1	6904.3
32.5°	9918.4	10592.2	11266.0	12174.4	13081.4	13657.2	13997.2	13003.3	11450.9	9321.6	7190.9
35°	10299.4	10929.7	11560.1	12505.7	13451.2	14195.8	14816.2	13824.7	12060.2	9661.6	7261.7
37.5°	10967.0	11509.2	12051.5	12925.1	13797.4	14762.8	15694.8	14729.3	12719.1	9989.1	7258.0
40°	11975.8	12359.2	12741.4	13479.8	14216.9	15431.7	16689.9	15738.2	13447.5	10344.0	7240.6
42.5°	13232.8	13430.1	13626.2	14210.7	14795.1	16130.3	17593.3	16724.7	14142.4	10674.1	7205.8
45°	14537.0	14589.1	14641.2	15009.8	15377.1	16683.7	18208.8	17465.5	14749.2	10960.8	7171.1
47.5°	15884.6	15705.9	15527.2	15673.7	15820.1	17108.1	18648.1	18027.6	15358.5	11278.4	7197.2
50°	17352.6	16855.0	16357.4	16280.5	16203.5	17532.5	19165.5	18742.4	16090.6	11741.3	7392.0
52.5°	18844.1	18023.9	17203.7	16899.7	16594.4	18038.8	19851.7	19632.1	17135.4	12458.5	7780.4
55°	20211.6	19168.0	18124.4	17714.9	17305.4	18813.1	20689.3	20938.7	18474.3	13375.5	8275.5
57.5°	21540.6	20358.0	19175.4	18795.7	18416.0	19951.0	21750.3	22111.4	19826.9	14255.3	8682.5
60°	22808.8	21638.6	20467.2	20163.2	19857.9	21365.6	22896.9	22633.8	20524.3	14667.3	8809.1
62.5°	23784.1	22853.4	21922.8	21762.7	21601.4	22796.4	23777.9	22430.3	20081.3	14261.5	8441.8
65°	24194.8	23665.0	23133.9	23284.0	23432.9	23878.4	23997.5	21834.7	18689.0	13124.9	7560.7
67.5°	23014.8	23122.7	23230.7	23861.0	24490.2	24183.7	23344.8	20660.8	16707.3	11514.2	6321.1
70°	19463.3	20111.1	20757.6	22249.1	23739.4	23059.4	21596.4	18553.8	14322.3	9659.1	4994.6
72.5°	14894.4	15622.8	16349.9	18563.7	20776.2	20149.5	18357.7	15239.3	11483.2	7713.4	3942.3
75°	10784.6	11607.3	12428.7	14870.8	17312.9	16443.0	13731.7	10911.1	8722.2	5888.0	3052.6
77.5°	7682.3	8233.3	8784.2	11196.5	13607.6	12190.5	9140.4	7342.3	6036.9	4092.4	2146.7
80°	6162.3	5993.5	5824.7	7168.6	8512.5	8276.7	6045.6	4715.4	4178.1	2742.4	1306.7
82.5°	5026.8	4614.9	4202.9	4835.7	5468.6	5433.8	4195.4	3459.6	3109.7	1906.0	702.3
85°	3681.7	3516.7	3351.6	3911.3	4470.9	3993.2	2841.6	2198.9	2424.7	1403.4	382.2
87.5°	1795.6	2051.2	2305.6	2965.7	3624.6	2721.3	862.4	426.9	590.7	388.4	184.9
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: P320299  
 CATALOG NUMBER: GAN-SA5D-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: P320299

CATALOG NUMBER: GAN-SA5D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	9669.0	9567.2	9451.8	9336.4	9204.9	9072.1	8994.0	8914.5	8828.9	8743.3	8646.5
5°	8855.0	8641.5	8399.6	8157.6	7918.1	7678.6	7549.6	7420.5	7284.0	7146.3	7027.1
7.5°	7686.1	7374.6	7039.6	6703.3	6405.5	6106.4	5921.5	5735.4	5566.6	5396.6	5253.9
10°	6657.4	6260.3	5924.0	5586.5	5361.9	5137.3	4967.3	4797.3	4633.5	4468.4	4310.8
12.5°	5979.8	5582.8	5369.3	5155.9	4969.8	4783.6	4587.6	4390.3	4165.7	3939.8	3774.8
15°	5715.5	5354.4	5117.4	4879.2	4629.8	4379.1	4138.4	3897.6	3632.1	3366.5	3179.2
17.5°	5601.4	5128.6	4797.3	4464.7	4135.9	3807.0	3527.8	3248.6	2958.3	2667.9	2478.1
20°	5481.0	4851.9	4407.6	3962.2	3540.3	3118.4	2801.9	2485.5	2226.2	1966.8	1821.6
22.5°	5371.8	4557.8	4000.6	3442.2	2943.4	2444.5	2134.3	1822.9	1664.0	1505.2	1446.9
25°	5327.1	4300.9	3615.9	2931.0	2404.8	1877.5	1656.6	1435.7	1374.9	1312.9	1283.1
27.5°	5334.6	4071.4	3292.1	2511.6	2037.5	1563.5	1412.1	1260.7	1223.5	1185.0	1166.4
30°	5363.1	3821.9	2986.8	2151.7	1760.8	1369.9	1271.9	1172.6	1132.9	1093.2	1069.6
32.5°	5395.4	3598.6	2751.0	1902.3	1583.4	1263.2	1182.6	1100.7	1062.2	1023.7	1000.2
35°	5339.5	3416.2	2589.7	1763.3	1469.2	1173.9	1105.6	1036.1	994.0	951.8	929.4
37.5°	5245.2	3232.5	2464.4	1695.1	1394.8	1093.2	1043.6	992.7	949.3	904.6	883.5
40°	5159.6	3077.4	2371.3	1664.0	1353.8	1042.3	1000.2	958.0	913.3	867.4	842.6
42.5°	5090.1	2973.2	2279.5	1585.9	1316.6	1046.1	986.5	925.7	882.3	838.8	811.5
45°	5038.0	2904.9	2207.5	1510.2	1281.8	1053.5	977.8	902.1	858.7	814.0	781.8
47.5°	5033.0	2868.9	2156.7	1444.4	1216.1	986.5	955.5	924.5	861.2	796.7	759.4
50°	5101.3	2810.6	2097.1	1382.3	1152.8	923.2	965.4	1006.4	898.4	789.2	742.1
52.5°	5244.0	2707.6	2002.8	1298.0	1075.8	852.5	918.3	982.8	889.7	795.4	734.6
55°	5416.5	2556.2	1860.1	1162.7	974.1	784.2	842.6	899.6	841.3	781.8	708.5
57.5°	5524.4	2365.1	1680.2	995.2	859.9	724.7	758.2	790.4	766.9	743.3	668.8
60°	5459.9	2110.8	1477.9	843.8	759.4	675.0	668.8	661.4	696.1	730.9	645.3
62.5°	5144.7	1847.7	1299.2	750.7	687.5	622.9	609.3	594.4	651.5	707.3	616.7
65°	4612.4	1664.0	1186.3	708.5	637.8	567.1	552.2	537.3	554.7	572.0	529.9
67.5°	3936.1	1551.1	1121.8	692.4	606.8	519.9	502.6	485.2	481.5	477.7	462.9
70°	3238.7	1481.6	1079.6	677.5	573.3	467.8	451.7	435.6	430.6	424.4	413.2
72.5°	2707.6	1472.9	1074.6	676.3	546.0	415.7	400.8	385.9	379.7	372.3	363.6
75°	2217.5	1382.3	1020.0	657.7	508.8	358.6	345.0	331.3	326.4	320.1	312.7
77.5°	1645.4	1144.1	857.5	570.8	435.6	300.3	286.6	271.8	270.5	268.0	261.8
80°	1067.2	827.7	613.0	398.3	317.7	235.8	224.6	212.2	213.4	214.7	209.7
82.5°	593.1	482.7	374.7	266.8	217.2	167.5	162.6	156.4	160.1	162.6	156.4
85°	312.7	243.2	201.0	158.8	125.3	91.8	91.8	90.6	95.5	100.5	95.5
87.5°	135.3	85.6	73.2	59.6	33.5	6.2	7.4	7.4	9.9	12.4	11.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320299  
 CATALOG NUMBER: GAN-SA5D-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: P320299  
 CATALOG NUMBER: GAN-SA5D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	8548.5	8457.9	8366.1	8265.6	8284.2	8207.2	8130.3	8081.9	8033.5	8018.6	8003.7
5°	6908.0	6805.0	6700.8	6607.7	6688.4	6633.8	6579.2	6571.7	6563.1	6563.1	6561.8
7.5°	5111.2	5000.8	4889.1	4812.2	4891.6	4881.7	4871.7	4925.1	4978.4	5021.9	5064.1
10°	4153.3	4019.2	3884.0	3769.8	3750.0	3692.9	3634.6	3647.0	3658.1	3705.3	3752.4
12.5°	3609.7	3449.7	3289.6	3155.6	3094.8	3000.5	2904.9	2845.4	2785.8	2792.0	2797.0
15°	2990.5	2835.4	2679.1	2563.7	2525.2	2452.0	2378.8	2304.3	2228.6	2197.6	2165.3
17.5°	2287.0	2162.9	2037.5	1960.6	1960.6	1939.5	1918.4	1881.2	1842.7	1811.7	1779.4
20°	1676.4	1610.7	1543.7	1511.4	1521.3	1522.6	1522.6	1541.2	1559.8	1549.9	1539.9
22.5°	1387.3	1363.7	1340.2	1326.5	1331.5	1332.7	1334.0	1351.3	1367.5	1379.9	1391.0
25°	1252.1	1237.2	1222.3	1217.3	1228.5	1229.7	1229.7	1240.9	1252.1	1264.5	1276.9
27.5°	1146.6	1140.4	1134.2	1125.5	1136.7	1136.7	1135.4	1147.8	1159.0	1170.2	1180.1
30°	1046.1	1048.6	1049.8	1047.3	1054.8	1059.7	1063.4	1072.1	1079.6	1088.3	1096.9
32.5°	975.3	971.6	967.9	965.4	981.5	990.2	998.9	1007.6	1015.0	1018.8	1022.5
35°	907.1	898.4	889.7	883.5	898.4	909.6	920.7	936.9	951.8	954.2	956.7
37.5°	861.2	850.0	838.8	831.4	837.6	842.6	847.5	864.9	882.3	892.2	900.9
40°	817.7	806.6	795.4	789.2	792.9	794.2	795.4	804.1	811.5	830.2	847.5
42.5°	783.0	769.4	755.7	748.3	750.7	753.2	754.5	753.2	752.0	769.4	786.7
45°	748.3	733.4	718.5	709.8	711.0	711.0	711.0	708.5	704.8	713.5	722.2
47.5°	721.0	703.6	686.2	677.5	675.0	672.6	670.1	668.8	666.4	672.6	677.5
50°	693.7	675.0	655.2	645.3	639.1	636.6	634.1	632.9	630.4	636.6	641.5
52.5°	672.6	650.2	627.9	611.8	605.6	601.8	598.1	599.3	599.3	601.8	603.1
55°	635.3	615.5	594.4	583.2	572.0	569.6	567.1	570.8	573.3	573.3	573.3
57.5°	594.4	575.8	555.9	548.5	538.5	538.5	537.3	542.3	546.0	548.5	551.0
60°	558.4	537.3	516.2	510.0	506.3	505.0	503.8	510.0	515.0	519.9	524.9
62.5°	524.9	502.6	480.2	472.8	471.5	472.8	472.8	479.0	483.9	488.9	493.9
65°	487.7	465.3	441.8	434.3	436.8	440.5	444.2	449.2	452.9	457.9	462.9
67.5°	446.7	428.1	408.3	400.8	402.0	407.0	412.0	415.7	418.2	423.1	428.1
70°	402.0	385.9	369.8	364.8	363.6	369.8	374.7	377.2	379.7	385.9	390.9
72.5°	353.7	340.0	326.4	322.6	323.9	327.6	331.3	335.0	337.5	343.7	348.7
75°	304.0	291.6	279.2	276.7	279.2	282.9	286.6	289.1	291.6	299.1	305.3
77.5°	255.6	242.0	227.1	225.8	229.6	233.3	235.8	239.5	243.2	253.1	263.1
80°	204.7	189.9	173.7	172.5	176.2	179.9	183.7	187.4	191.1	203.5	214.7
82.5°	150.1	132.8	115.4	112.9	125.3	129.1	132.8	139.0	143.9	155.1	166.3
85°	90.6	73.2	55.8	54.6	65.8	72.0	78.2	85.6	91.8	101.8	111.7
87.5°	9.9	5.0	0.0	0.0	1.2	6.2	11.2	17.4	23.6	33.5	42.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320299  
 CATALOG NUMBER: GAN-SA5D-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: P320299

CATALOG NUMBER: GAN-SA5D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	7949.1	7893.3	7950.4	8006.2	8029.8	8053.4	7992.6	7930.5	8027.3	8122.9	8147.7
5°	6512.2	6461.3	6499.8	6537.0	6453.9	6370.7	6362.0	6352.1	6424.1	6496.0	6507.2
7.5°	5047.9	5031.8	5067.8	5103.8	4998.3	4891.6	4839.5	4787.3	4804.7	4822.1	4819.6
10°	3763.6	3773.5	3818.2	3861.6	3779.7	3697.8	3661.9	3625.9	3665.6	3704.1	3740.0
12.5°	2819.3	2840.4	2887.5	2933.5	2900.0	2865.2	2868.9	2872.7	2918.6	2963.2	3002.9
15°	2190.2	2215.0	2248.5	2280.8	2282.0	2282.0	2314.3	2345.3	2341.6	2337.8	2365.1
17.5°	1812.9	1845.2	1848.9	1852.6	1853.9	1855.1	1852.6	1850.2	1831.6	1812.9	1834.0
20°	1552.4	1563.5	1573.4	1582.1	1571.0	1558.6	1527.5	1496.5	1484.1	1471.7	1491.5
22.5°	1412.1	1432.0	1422.1	1410.9	1388.6	1365.0	1341.4	1316.6	1315.3	1312.9	1324.0
25°	1294.2	1310.4	1293.0	1275.6	1259.5	1243.4	1227.2	1211.1	1209.9	1208.6	1213.6
27.5°	1196.2	1211.1	1195.0	1178.8	1165.2	1151.5	1139.1	1126.7	1124.2	1121.8	1123.0
30°	1111.8	1125.5	1111.8	1096.9	1087.0	1075.8	1067.2	1058.5	1057.2	1056.0	1056.0
32.5°	1036.1	1049.8	1039.9	1029.9	1021.3	1012.6	1006.4	1000.2	994.0	987.7	974.1
35°	970.4	984.0	977.8	970.4	960.4	950.5	939.4	926.9	910.8	893.4	886.0
37.5°	914.5	928.2	922.0	915.8	902.1	888.5	868.6	847.5	842.6	836.4	835.1
40°	869.9	891.0	878.5	864.9	843.8	822.7	812.8	802.9	800.4	797.9	795.4
42.5°	820.2	852.5	830.2	807.8	788.0	768.1	765.6	763.1	761.9	760.7	760.7
45°	758.2	792.9	770.6	747.0	735.8	724.7	724.7	724.7	725.9	725.9	728.4
47.5°	699.9	721.0	709.8	698.6	692.4	686.2	687.5	688.7	692.4	694.9	701.1
50°	650.2	657.7	660.2	661.4	657.7	653.9	656.4	657.7	661.4	663.9	668.8
52.5°	614.2	625.4	625.4	624.2	624.2	624.2	626.6	629.1	632.9	636.6	641.5
55°	590.7	606.8	601.8	596.9	598.1	598.1	600.6	603.1	606.8	609.3	616.7
57.5°	568.3	585.7	580.7	575.8	575.8	575.8	577.0	578.3	582.0	584.5	589.4
60°	542.3	559.6	554.7	548.5	549.7	551.0	552.2	552.2	554.7	555.9	555.9
62.5°	511.2	528.6	523.7	517.5	521.2	523.7	523.7	523.7	526.1	527.4	523.7
65°	479.0	495.1	490.2	485.2	490.2	493.9	496.4	497.6	496.4	495.1	491.4
67.5°	444.2	460.4	455.4	449.2	455.4	460.4	465.3	469.1	465.3	461.6	456.6
70°	407.0	423.1	416.9	410.7	416.9	423.1	428.1	433.1	428.1	423.1	421.9
72.5°	367.3	385.9	378.5	371.0	378.5	385.9	388.4	390.9	387.2	383.4	381.0
75°	323.9	342.5	336.3	328.8	335.0	341.2	342.5	343.7	343.7	342.5	335.0
77.5°	278.0	292.8	289.1	285.4	289.1	292.8	292.8	292.8	294.1	294.1	284.2
80°	223.4	232.0	233.3	234.5	235.8	237.0	235.8	234.5	232.0	229.6	223.4
82.5°	166.3	166.3	176.2	184.9	184.9	183.7	182.4	179.9	175.0	168.8	155.1
85°	105.5	99.3	115.4	130.3	130.3	129.1	126.6	122.8	112.9	101.8	90.6
87.5°	36.0	29.8	45.9	62.0	63.3	63.3	60.8	58.3	48.4	37.2	28.5
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: P320299  
 CATALOG NUMBER: GAN-SA5D-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: P320299  
 CATALOG NUMBER: GAN-SA5D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	8184.9	8201.0	8215.9	8337.5	8457.9	8599.4	8740.8	8848.8	8955.5	9065.9	9176.4
5°	6545.7	6565.5	6585.4	6733.1	6879.5	7076.8	7274.1	7444.1	7614.1	7813.9	8013.7
7.5°	4851.9	4895.3	4937.5	5095.1	5251.4	5463.6	5674.6	5896.7	6117.6	6378.2	6638.8
10°	3810.8	3892.7	3973.3	4134.6	4296.0	4505.7	4714.1	4946.2	5178.2	5435.1	5690.7
12.5°	3084.8	3194.0	3302.0	3495.6	3689.2	3939.8	4189.2	4447.3	4704.2	4930.0	5155.9
15°	2437.1	2556.2	2674.1	2878.9	3083.6	3359.1	3633.3	3915.0	4195.4	4466.0	4736.5
17.5°	1901.0	1999.1	2095.9	2269.6	2442.1	2708.9	2975.6	3271.0	3566.3	3896.4	4225.2
20°	1533.7	1574.7	1615.6	1741.0	1865.1	2082.2	2298.1	2599.7	2901.2	3295.8	3690.4
22.5°	1343.9	1365.0	1384.8	1445.6	1505.2	1645.4	1784.4	2051.2	2316.7	2747.3	3176.7
25°	1229.7	1245.9	1262.0	1301.7	1341.4	1408.4	1475.4	1662.8	1850.2	2273.3	2695.2
27.5°	1126.7	1151.5	1175.1	1193.7	1211.1	1257.0	1301.7	1424.5	1547.4	1942.0	2335.4
30°	1052.3	1061.0	1069.6	1098.2	1125.5	1172.6	1219.8	1305.4	1391.0	1724.8	2057.4
32.5°	965.4	977.8	990.2	1020.0	1049.8	1093.2	1136.7	1206.1	1274.4	1559.8	1844.0
35°	887.2	899.6	912.1	941.8	970.4	1017.5	1063.4	1121.8	1178.8	1427.0	1675.2
37.5°	838.8	851.2	863.7	889.7	914.5	961.7	1007.6	1053.5	1098.2	1327.8	1557.3
40°	797.9	810.3	822.7	847.5	871.1	917.0	961.7	1000.2	1038.6	1253.3	1468.0
42.5°	761.9	775.6	789.2	814.0	837.6	878.5	919.5	970.4	1020.0	1188.8	1356.3
45°	732.1	745.8	758.2	785.5	812.8	852.5	892.2	962.9	1033.7	1155.3	1276.9
47.5°	704.8	719.7	733.4	763.1	792.9	842.6	891.0	950.5	1008.8	1129.2	1249.6
50°	678.8	696.1	713.5	749.5	784.2	867.4	949.3	958.0	965.4	1108.1	1249.6
52.5°	653.9	673.8	693.7	738.3	781.8	878.5	975.3	944.3	912.1	1068.4	1224.8
55°	629.1	646.5	662.6	717.2	771.8	842.6	913.3	872.3	830.2	994.0	1157.7
57.5°	595.6	614.2	631.6	689.9	748.3	797.9	846.3	809.1	770.6	909.6	1047.3
60°	560.9	582.0	603.1	677.5	750.7	742.1	732.1	724.7	716.0	815.3	914.5
62.5°	529.9	552.2	574.5	671.3	768.1	708.5	649.0	655.2	660.2	733.4	806.6
65°	498.8	521.2	542.3	590.7	639.1	615.5	591.9	601.8	610.5	682.5	754.5
67.5°	464.1	483.9	502.6	518.7	534.8	537.3	539.8	549.7	559.6	645.3	729.6
70°	425.6	441.8	457.9	469.1	479.0	483.9	487.7	500.1	512.5	605.6	698.6
72.5°	382.2	395.8	408.3	418.2	428.1	431.8	434.3	446.7	459.1	558.4	657.7
75°	335.0	346.2	356.1	364.8	373.5	378.5	383.4	392.1	400.8	508.8	615.5
77.5°	282.9	294.1	304.0	311.5	317.7	322.6	326.4	337.5	348.7	439.3	528.6
80°	220.9	234.5	246.9	253.1	258.1	259.3	259.3	269.3	279.2	343.7	407.0
82.5°	156.4	171.2	184.9	189.9	194.8	194.8	194.8	206.0	217.2	260.6	302.8
85°	91.8	108.0	122.8	127.8	132.8	135.3	136.5	141.5	145.2	176.2	206.0
87.5°	28.5	42.2	54.6	57.1	59.6	64.5	69.5	70.7	70.7	91.8	112.9
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: P320299  
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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: P320299  
 CATALOG NUMBER: GAN-SA5D-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	9302.9	9429.5	9577.2	9723.6	9848.9	9974.3	10078.5
5°	8268.0	8522.4	8833.9	9144.1	9420.8	9697.5	10018.9
7.5°	6967.6	7296.4	7699.7	8103.0	8493.9	8883.5	9377.4
10°	6025.8	6359.6	6786.4	7212.0	7651.3	8089.3	8647.7
12.5°	5427.6	5698.2	6111.4	6524.6	7040.8	7555.8	8093.1
15°	5033.0	5328.4	5730.4	6132.5	6697.1	7261.7	7879.6
17.5°	4612.4	4998.3	5513.3	6028.2	6697.1	7364.7	8093.1
20°	4171.9	4652.1	5319.7	5987.3	6888.2	7787.8	8717.2
22.5°	3732.6	4288.5	5144.7	5999.7	7177.3	8353.7	9608.2
25°	3336.7	3978.3	5038.0	6096.5	7598.0	9098.2	10654.3
27.5°	3036.5	3736.3	4994.6	6251.6	8131.5	10011.5	11792.2
30°	2769.7	3481.9	4942.5	6403.0	8645.3	10886.3	12681.9
32.5°	2538.9	3233.8	4841.9	6448.9	9003.9	11558.9	13435.1
35°	2357.7	3040.2	4673.2	6306.2	9228.5	12150.8	14219.3
37.5°	2201.3	2845.4	4480.8	6116.3	9428.3	12740.2	15101.6
40°	2052.4	2636.9	4315.8	5993.5	9703.7	13414.0	16033.5
42.5°	1911.0	2465.6	4183.0	5900.4	9959.4	14017.1	16848.8
45°	1805.5	2334.1	4065.1	5794.9	10124.4	14453.9	17463.0
47.5°	1753.4	2255.9	4001.9	5746.6	10289.4	14831.1	17973.0
50°	1745.9	2242.3	4073.8	5905.4	10646.8	15387.0	18556.2
52.5°	1744.7	2264.6	4281.1	6297.5	11310.7	16322.6	19187.9
55°	1718.6	2278.3	4528.0	6776.5	12201.7	17625.6	20323.3
57.5°	1639.2	2231.1	4782.4	7332.4	13143.5	18953.3	21602.6
60°	1516.4	2117.0	4992.1	7866.0	13776.3	19685.4	22095.3
62.5°	1362.5	1917.2	5061.6	8204.8	13759.0	19313.2	21598.9
65°	1231.0	1707.5	4833.3	7957.8	13062.8	18166.6	20617.4
67.5°	1114.3	1497.8	4262.5	7025.9	11810.8	16594.4	19369.0
70°	1029.9	1360.0	3526.6	5693.2	10243.5	14792.6	17923.4
72.5°	976.6	1294.2	2875.1	4454.8	8312.7	12169.4	15331.2
75°	903.4	1191.3	2255.9	3319.4	6362.0	9404.7	11580.0
77.5°	766.9	1003.9	1700.0	2396.2	4668.2	6939.0	8053.4
80°	591.9	775.6	1168.9	1562.3	3212.7	4863.0	5490.9
82.5°	421.9	541.0	708.5	876.1	2134.3	3391.3	3443.5
85°	260.6	315.2	405.8	496.4	1412.1	2327.9	1939.5
87.5°	140.2	167.5	214.7	260.6	451.7	642.8	369.8
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: P320299  
CATALOG NUMBER: GAN-SA5D-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)