

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: P320339

Luminaire Tested: **GAN-SA5D-740-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320339  
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-740-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 70 CRI, 4000K, 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: 34081 lumens  
Efficiency: N/A  
Efficacy: 106.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

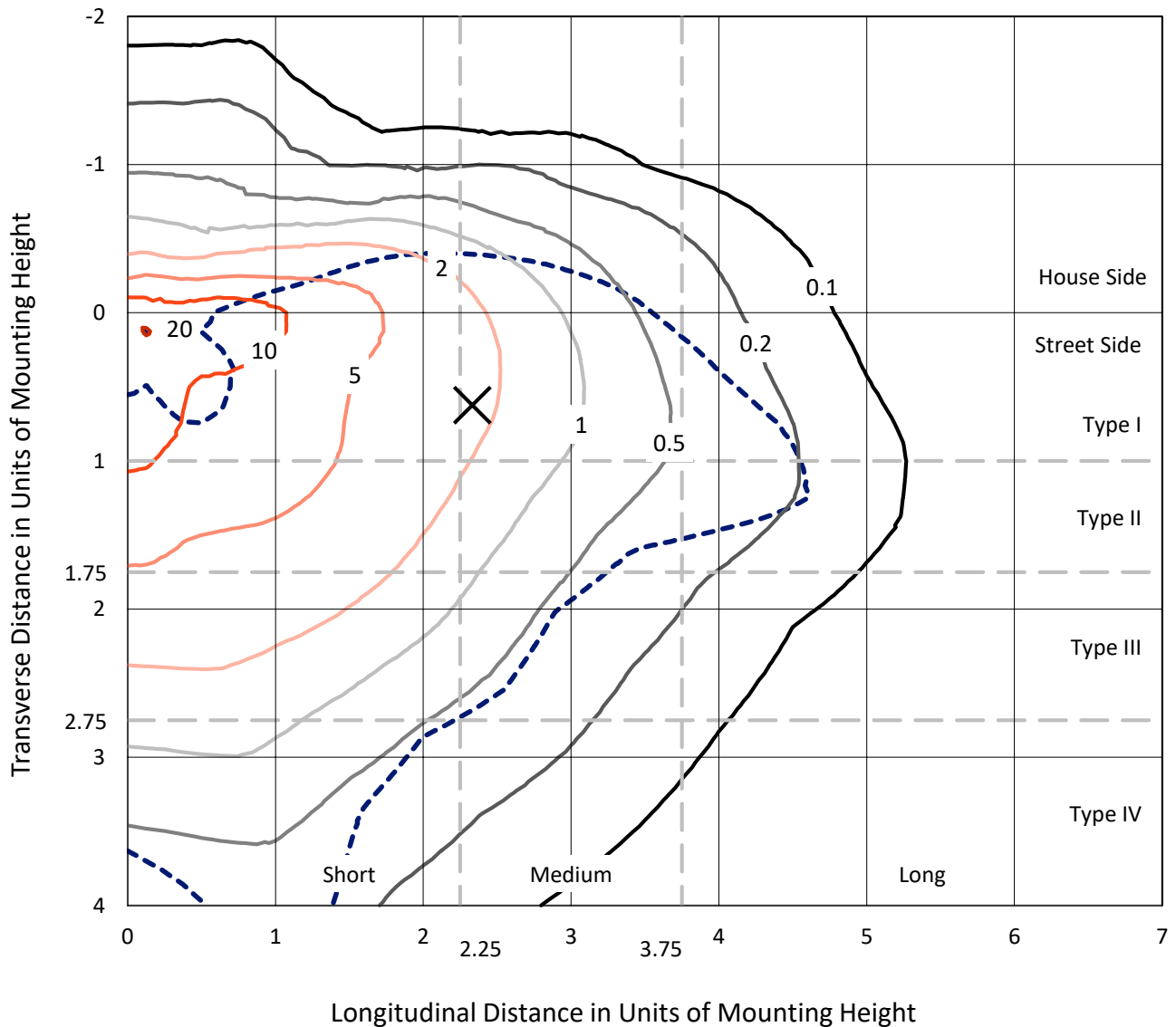
Input Watts (W): 320  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

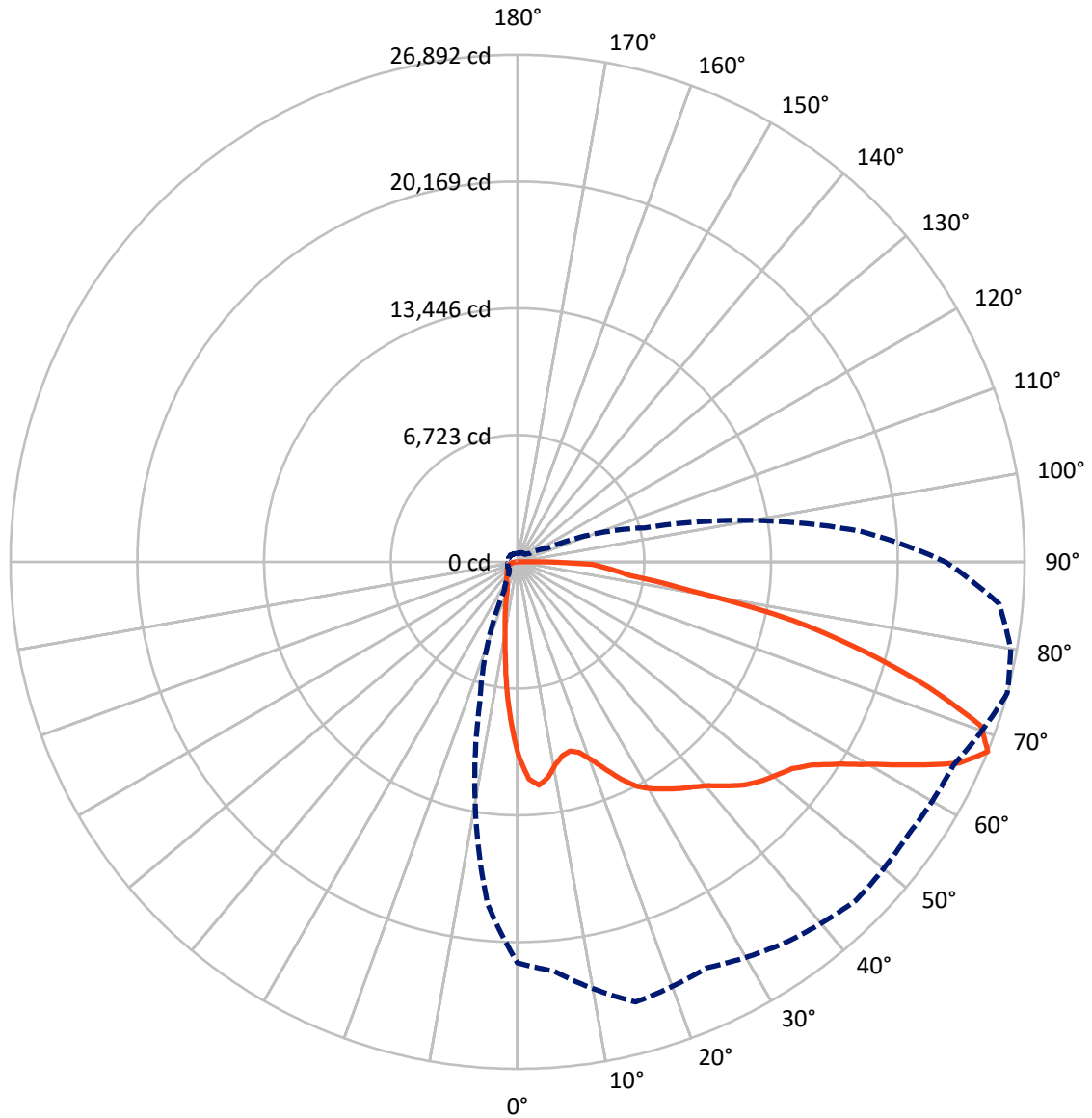
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.9 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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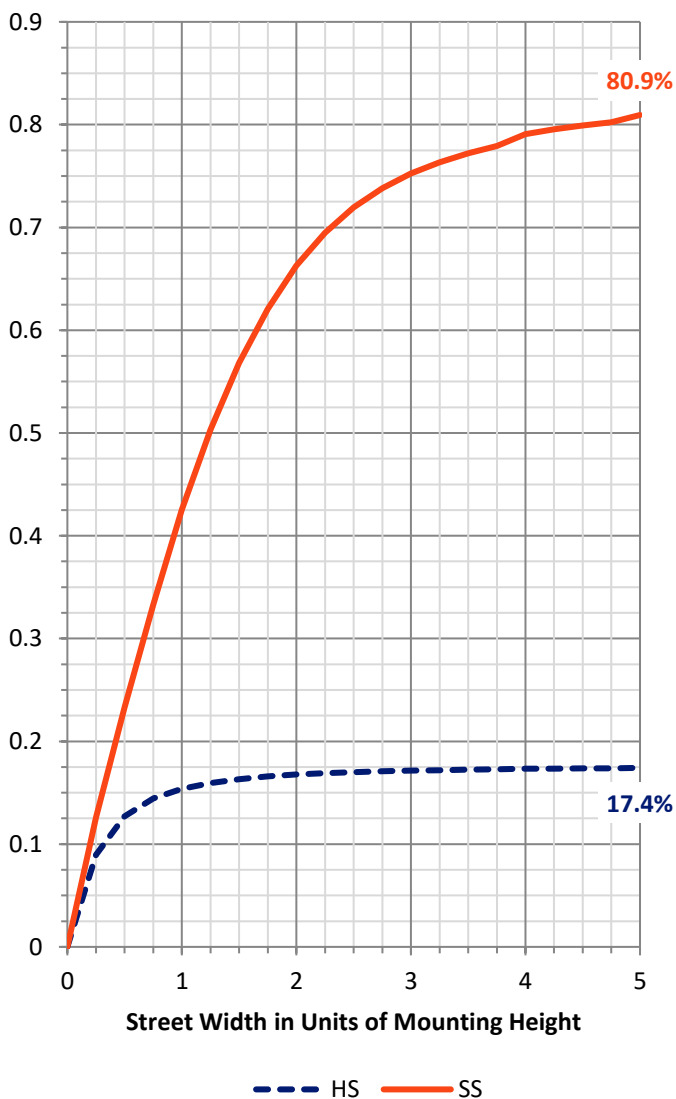
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6002.5	0.0	6002.5
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	28078.5	0.0	28078.5
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	34081.0	0.0	34081.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	801.3	2.4
10°-20°	1664.7	4.9
20°-30°	2367.6	6.9
30°-40°	3411.6	10.0
40°-50°	4807.9	14.1
50°-60°	6683.9	19.6
60°-70°	8082.8	23.7
70°-80°	4968.4	14.6
80°-90°	1292.9	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	34081.0	100.0
0°-180°	34081.0	100.0

**Coefficient of Utilization**

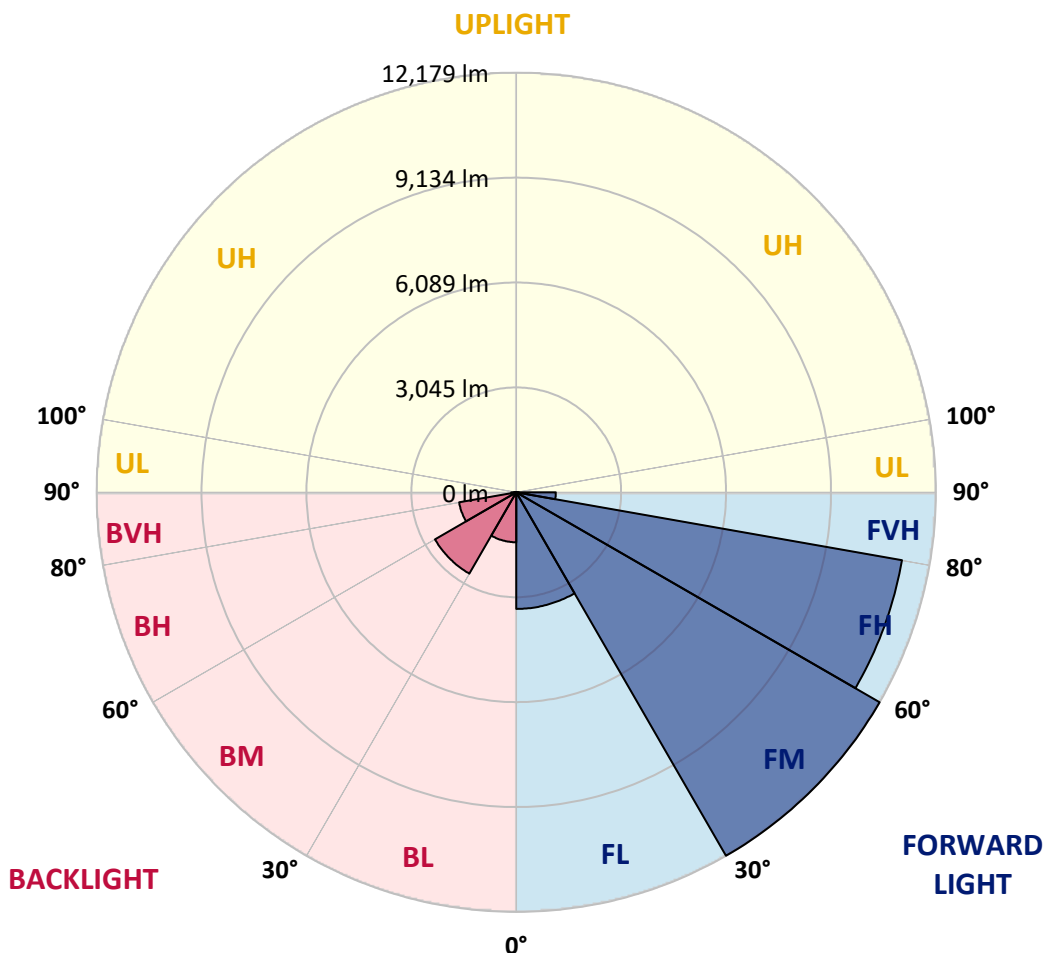


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3383.9	9.9			
FM (30°-60°)	12178.7	35.7			
FH (60°-80°)	11368.3	33.4			G4/12000
FVH (80°-90°)	1147.6	3.4			G5
BL (0°-30°)	1449.7	4.3	B3/2500		
BM (30°-60°)	2724.7	8.0	B3/5000		
BH (60°-80°)	1682.9	4.9	B3/2500		G3/2500
BVH (80°-90°)	145.3	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°	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9
2.5°	11067.0	11212.8	11313.6	11413.1	11490.7	11567.0	11678.8	11790.5	11812.3	11832.7	11789.1
5°	11001.6	11357.2	11659.7	11960.8	12240.1	12519.5	12687.1	12854.7	12888.7	12922.8	12817.9
7.5°	10297.1	10821.7	11346.3	11870.9	12351.9	12832.9	13125.8	13417.4	13484.2	13549.6	13377.9
10°	9495.9	10106.3	10750.8	11395.3	12028.9	12662.5	13086.3	13510.1	13594.6	13679.0	13465.1
12.5°	8886.8	9553.1	10241.2	10929.3	11598.4	12266.0	12704.8	13143.5	13248.5	13353.4	13198.0
15°	8652.4	9382.8	10030.0	10677.3	11260.4	11842.3	12202.0	12560.4	12604.0	12646.2	12621.7
17.5°	8886.8	9692.1	10278.0	10862.6	11180.1	11496.2	11640.6	11783.7	11831.4	11877.7	11940.4
20°	9572.2	10441.5	10854.4	11265.9	11252.3	11237.3	11167.8	11096.9	11084.7	11072.4	11249.5
22.5°	10550.5	11560.2	11725.1	11888.6	11505.7	11122.8	10889.8	10655.5	10609.1	10561.4	10749.5
25°	11699.2	12774.3	12744.3	12713.0	11984.0	11253.6	10809.4	10365.2	10313.4	10261.7	10422.5
27.5°	12948.7	13976.1	13779.9	13583.7	12593.1	11602.5	10957.9	10313.4	10261.7	10209.9	10351.6
30°	13925.7	14857.7	14542.9	14228.2	13106.8	11985.3	11219.6	10453.8	10369.3	10283.5	10457.9
32.5°	14752.8	15545.8	15123.4	14701.0	13523.7	12346.4	11518.0	10689.5	10557.3	10425.2	10658.2
35°	15613.9	16232.5	15638.4	15043.0	13895.7	12747.0	11870.9	10993.4	10831.2	10669.1	10989.3
37.5°	16582.7	17096.4	16243.4	15389.1	14314.0	13238.9	12399.6	11558.9	11392.6	11226.4	11635.2
40°	17606.0	18033.9	16896.1	15758.4	14771.8	13785.3	13131.3	12475.9	12317.8	12158.4	12654.4
42.5°	18501.2	18813.3	17503.8	16194.4	15323.7	14451.6	13991.1	13529.2	13527.8	13525.1	14027.9
45°	19175.7	19446.9	18010.7	16573.2	15861.9	15149.3	14909.5	14669.6	14861.8	15053.9	15509.0
47.5°	19735.8	19919.7	18435.8	16950.6	16477.8	16005.0	16040.4	16075.8	16466.9	16858.0	17150.9
50°	20376.2	20227.6	18821.5	17413.9	17268.1	17122.3	17441.2	17758.6	18208.3	18656.6	18855.5
52.5°	21069.7	20675.9	19344.7	18012.1	18175.6	18339.1	18987.7	19636.3	20090.0	20543.8	20618.7
55°	22316.5	21712.9	20306.7	18899.1	19213.9	19527.3	20479.7	21430.8	21785.1	22139.4	22166.6
57.5°	23721.3	23185.8	21654.3	20122.7	20460.7	20798.6	21898.2	22996.4	23379.3	23760.8	23707.7
60°	24262.3	24288.2	22933.8	21578.0	21918.6	22259.3	23330.3	24401.3	24841.4	25280.1	25163.0
62.5°	23717.2	24356.3	23632.8	22907.9	23217.2	23525.1	24574.3	25623.5	26074.5	26525.5	26321.2
65°	22639.4	23273.0	23597.3	23921.6	24023.8	24126.0	25105.7	26084.1	26430.2	26774.9	26671.3
67.5°	21268.7	21781.0	22977.4	24172.3	23966.6	23760.8	24220.0	24679.2	25034.9	25390.5	25331.9
70°	19681.3	20291.7	21887.3	23482.9	22471.8	21459.4	21270.0	21080.6	21464.9	21847.8	21610.7
72.5°	16834.8	17755.9	19457.8	21158.3	19295.6	17433.0	16785.7	16138.5	16625.0	17111.4	16734.0
75°	12715.7	13937.9	15818.3	17697.3	15474.9	13252.6	12388.7	11524.8	11943.1	12361.4	12102.5
77.5°	8843.2	10376.1	12227.9	14079.6	11820.5	9559.9	8918.2	8275.0	8400.4	8524.4	8480.8
80°	6029.5	7037.8	8329.5	9619.9	8115.6	6611.3	6661.7	6710.8	6652.2	6592.2	6679.4
82.5°	3781.2	4491.1	5488.5	6484.6	5686.1	4887.6	5345.4	5803.3	5578.4	5352.3	5436.7
85°	2129.7	2563.0	3538.6	4512.9	4206.3	3898.4	4166.8	4433.9	4085.0	3736.2	3890.2
87.5°	406.1	675.8	1958.0	3238.9	2940.5	2642.1	2296.0	1949.9	1487.9	1026.0	1498.8
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



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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°	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9
2.5°	11745.5	11722.4	11699.2	11616.1	11531.6	11406.2	11302.7	11122.8	11024.7	10876.2	10727.7
5°	12711.6	12564.4	12417.3	12163.8	11909.0	11625.6	11300.0	10938.9	10666.4	10312.1	9957.8
7.5°	13206.2	12862.9	12518.1	12031.7	11543.9	11105.1	10590.1	10110.4	9701.6	9241.1	8780.5
10°	13251.2	12736.1	12219.7	11587.5	10953.9	10421.1	9828.4	9295.6	8805.1	8276.4	7746.3
12.5°	13041.3	12493.6	11944.5	11248.2	10550.5	9945.5	9307.9	8711.0	8167.4	7585.5	7002.4
15°	12597.1	12159.8	11721.0	11068.3	10415.6	9805.2	9186.6	8479.4	7864.9	7269.4	6672.6
17.5°	12001.7	11794.6	11586.1	11114.6	10641.8	10113.1	9513.6	8683.8	7964.3	7317.1	6669.9
20°	11425.3	11501.6	11576.6	11388.5	11200.5	10776.7	10253.5	9321.5	8403.1	7556.9	6709.4
22.5°	10936.1	11302.7	11667.9	11813.7	11958.1	11703.3	11294.5	10216.7	9001.3	7896.2	6791.1
25°	10581.9	11189.6	11797.3	12282.4	12766.1	12653.0	12338.3	11304.0	9794.3	8385.4	6975.1
27.5°	10493.3	11238.6	11984.0	12736.1	13486.9	13591.8	13504.6	12450.0	10739.9	8993.1	7244.9
30°	10632.3	11387.2	12140.7	13056.3	13970.6	14389.0	14506.1	13405.2	11820.5	9701.6	7581.5
32.5°	10891.2	11631.1	12371.0	13368.4	14364.4	14996.7	15370.0	14278.6	12574.0	10235.8	7896.2
35°	11309.5	12001.7	12693.9	13732.2	14770.5	15588.0	16269.3	15180.6	13243.0	10609.1	7973.9
37.5°	12042.6	12638.0	13233.5	14192.7	15150.6	16210.7	17234.0	16173.9	13966.5	10968.9	7969.8
40°	13150.4	13571.4	13991.1	14801.8	15611.2	16945.2	18326.8	17281.7	14766.4	11358.6	7950.7
42.5°	14530.7	14747.3	14962.6	15604.4	16246.2	17712.3	19318.8	18365.0	15529.4	11721.0	7912.6
45°	15962.7	16020.0	16077.2	16481.9	16885.2	18320.0	19994.6	19178.5	16195.7	12035.8	7874.4
47.5°	17442.5	17246.3	17050.1	17210.9	17371.7	18786.0	20477.0	19795.7	16864.8	12384.6	7903.0
50°	19054.5	18508.1	17961.7	17877.2	17792.7	19252.0	21045.2	20580.6	17668.7	12892.8	8116.9
52.5°	20692.3	19791.6	18890.9	18557.1	18221.9	19808.0	21798.7	21557.5	18816.0	13680.4	8543.4
55°	22193.9	21047.9	19902.0	19452.3	19002.7	20658.2	22718.5	22992.3	20286.2	14687.4	9087.1
57.5°	23653.2	22354.7	21056.1	20639.2	20222.2	21907.7	23883.5	24280.0	21771.5	15653.4	9534.0
60°	25045.8	23760.8	22474.6	22140.7	21805.5	23461.1	25142.5	24853.6	22537.2	16105.8	9673.0
62.5°	26116.8	25094.8	24072.9	23897.1	23720.0	25032.1	26110.0	24630.2	22050.8	15660.2	9269.7
65°	26567.8	25986.0	25402.8	25567.6	25731.2	26220.3	26351.1	23976.1	20522.0	14412.1	8302.3
67.5°	25272.0	25390.5	25509.0	26201.2	26892.1	26555.5	25634.4	22687.1	18345.9	12643.5	6941.0
70°	21372.2	22083.5	22793.4	24431.2	26067.7	25321.0	23714.5	20373.4	15727.0	10606.4	5484.4
72.5°	16355.2	17155.0	17953.5	20384.3	22813.8	22125.7	20158.2	16734.0	12609.4	8469.9	4328.9
75°	11842.3	12745.7	13647.7	16329.3	19010.9	18055.7	15078.4	11981.3	9577.6	6465.5	3352.0
77.5°	8435.8	9040.8	9645.8	12294.7	14942.2	13386.1	10036.8	8062.4	6629.0	4493.8	2357.3
80°	6766.6	6581.3	6396.0	7871.7	9347.4	9088.5	6638.5	5177.8	4587.8	3011.3	1434.8
82.5°	5519.9	5067.5	4615.1	5310.0	6004.9	5966.8	4606.9	3798.9	3414.7	2092.9	771.2
85°	4042.8	3861.6	3680.4	4294.9	4909.4	4384.8	3120.3	2414.5	2662.5	1541.1	419.7
87.5°	1971.7	2252.4	2531.7	3256.6	3980.1	2988.2	947.0	468.7	648.6	426.5	203.0
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: P320339  
 CATALOG NUMBER: GAN-SA5D-740-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: P320339

CATALOG NUMBER: GAN-SA5D-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9
2.5°	10617.3	10505.6	10378.8	10252.1	10107.7	9961.9	9876.1	9788.8	9694.8	9600.8	9494.5
5°	9723.4	9489.1	9223.4	8957.7	8694.7	8431.7	8290.0	8148.3	7998.4	7847.2	7716.3
7.5°	8439.9	8097.9	7730.0	7360.7	7033.7	6705.3	6502.3	6297.9	6112.6	5925.9	5769.2
10°	7310.3	6874.3	6505.0	6134.4	5887.8	5641.1	5454.4	5267.8	5087.9	4906.7	4733.6
12.5°	6566.3	6130.3	5895.9	5661.6	5457.2	5252.8	5037.5	4820.8	4574.2	4326.2	4145.0
15°	6276.1	5879.6	5619.3	5357.7	5083.8	4808.6	4544.2	4279.9	3988.3	3696.7	3491.0
17.5°	6150.7	5631.6	5267.8	4902.6	4541.5	4180.4	3873.8	3567.3	3248.4	2929.6	2721.1
20°	6018.6	5327.7	4839.9	4350.8	3887.5	3424.2	3076.7	2729.3	2444.5	2159.7	2000.3
22.5°	5898.7	5004.8	4393.0	3779.8	3232.1	2684.3	2343.7	2001.6	1827.2	1652.8	1588.8
25°	5849.6	4722.7	3970.6	3218.4	2640.7	2061.6	1819.1	1576.5	1509.7	1441.6	1408.9
27.5°	5857.8	4470.7	3615.0	2757.9	2237.4	1716.9	1550.6	1384.4	1343.5	1301.3	1280.8
30°	5889.1	4196.8	3279.8	2362.7	1933.5	1504.3	1396.7	1287.6	1244.0	1200.4	1174.6
32.5°	5924.5	3951.5	3020.9	2088.9	1738.7	1387.1	1298.5	1208.6	1166.4	1124.1	1098.2
35°	5863.2	3751.2	2843.7	1936.2	1613.3	1289.0	1214.1	1137.8	1091.4	1045.1	1020.6
37.5°	5759.7	3549.5	2706.1	1861.3	1531.6	1200.4	1145.9	1090.1	1042.4	993.3	970.2
40°	5665.6	3379.2	2603.9	1827.2	1486.6	1144.6	1098.2	1051.9	1002.9	952.5	925.2
42.5°	5589.3	3264.8	2503.1	1741.4	1445.7	1148.7	1083.3	1016.5	968.8	921.1	891.1
45°	5532.1	3189.8	2424.0	1658.3	1407.6	1156.8	1073.7	990.6	942.9	893.9	858.4
47.5°	5526.7	3150.3	2368.2	1586.1	1335.3	1083.3	1049.2	1015.1	945.6	874.8	833.9
50°	5601.6	3086.3	2302.8	1517.9	1265.8	1013.8	1060.1	1105.1	986.5	866.6	814.8
52.5°	5758.3	2973.2	2199.2	1425.3	1181.4	936.1	1008.3	1079.2	977.0	873.4	806.7
55°	5947.7	2806.9	2042.5	1276.7	1069.6	861.2	925.2	987.9	923.8	858.4	778.0
57.5°	6066.3	2597.1	1844.9	1092.8	944.3	795.8	832.5	868.0	842.1	816.2	734.4
60°	5995.4	2317.8	1622.8	926.6	833.9	741.2	734.4	726.3	764.4	802.6	708.5
62.5°	5649.3	2028.9	1426.6	824.4	754.9	684.0	669.0	652.7	715.4	776.7	677.2
65°	5064.7	1827.2	1302.6	778.0	700.4	622.7	606.4	590.0	609.1	628.2	581.8
67.5°	4322.1	1703.2	1231.8	760.3	666.3	570.9	551.8	532.8	528.7	524.6	508.2
70°	3556.4	1626.9	1185.5	744.0	629.5	513.7	496.0	478.3	472.8	466.0	453.7
72.5°	2973.2	1617.4	1180.0	742.6	599.5	456.5	440.1	423.8	417.0	408.8	399.2
75°	2434.9	1517.9	1120.0	722.2	558.7	393.8	378.8	363.8	358.4	351.5	343.4
77.5°	1806.8	1256.3	941.5	626.8	478.3	329.7	314.8	298.4	297.0	294.3	287.5
80°	1171.8	908.8	673.1	437.4	348.8	258.9	246.6	233.0	234.4	235.7	230.3
82.5°	651.3	530.0	411.5	293.0	238.5	183.9	178.5	171.7	175.8	178.5	171.7
85°	343.4	267.1	220.7	174.4	137.6	100.8	100.8	99.5	104.9	110.4	104.9
87.5°	148.5	94.0	80.4	65.4	36.8	6.8	8.2	8.2	10.9	13.6	12.3
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: P320339  
 CATALOG NUMBER: GAN-SA5D-740-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: P320339  
 CATALOG NUMBER: GAN-SA5D-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9
2.5°	9386.9	9287.4	9186.6	9076.2	9096.7	9012.2	8927.7	8874.5	8821.4	8805.1	8788.7
5°	7585.5	7472.4	7358.0	7255.8	7344.4	7284.4	7224.5	7216.3	7206.7	7206.7	7205.4
7.5°	5612.5	5491.2	5368.6	5284.1	5371.3	5360.4	5349.5	5408.1	5466.7	5514.4	5560.7
10°	4560.6	4413.4	4264.9	4139.5	4117.7	4055.1	3991.0	4004.7	4016.9	4068.7	4120.5
12.5°	3963.8	3788.0	3612.2	3465.1	3398.3	3294.7	3189.8	3124.4	3059.0	3065.8	3071.3
15°	3283.8	3113.5	2941.8	2815.1	2772.9	2692.5	2612.1	2530.3	2447.2	2413.1	2377.7
17.5°	2511.3	2375.0	2237.4	2152.9	2152.9	2129.7	2106.6	2065.7	2023.4	1989.4	1954.0
20°	1840.9	1768.6	1695.1	1659.6	1670.5	1671.9	1671.9	1692.3	1712.8	1701.9	1691.0
22.5°	1523.4	1497.5	1471.6	1456.6	1462.1	1463.4	1464.8	1483.9	1501.6	1515.2	1527.5
25°	1374.9	1358.5	1342.2	1336.7	1349.0	1350.3	1350.3	1362.6	1374.9	1388.5	1402.1
27.5°	1259.0	1252.2	1245.4	1235.9	1248.1	1248.1	1246.8	1260.4	1272.7	1284.9	1295.8
30°	1148.7	1151.4	1152.8	1150.0	1158.2	1163.7	1167.7	1177.3	1185.5	1195.0	1204.5
32.5°	1071.0	1066.9	1062.8	1060.1	1077.8	1087.3	1096.9	1106.4	1114.6	1118.7	1122.8
35°	996.1	986.5	977.0	970.2	986.5	998.8	1011.0	1028.8	1045.1	1047.8	1050.6
37.5°	945.6	933.4	921.1	912.9	919.7	925.2	930.6	949.7	968.8	979.7	989.2
40°	897.9	885.7	873.4	866.6	870.7	872.1	873.4	883.0	891.1	911.6	930.6
42.5°	859.8	844.8	829.8	821.6	824.4	827.1	828.5	827.1	825.7	844.8	863.9
45°	821.6	805.3	788.9	779.4	780.8	780.8	780.8	778.0	774.0	783.5	793.0
47.5°	791.7	772.6	753.5	744.0	741.2	738.5	735.8	734.4	731.7	738.5	744.0
50°	761.7	741.2	719.4	708.5	701.7	699.0	696.3	694.9	692.2	699.0	704.5
52.5°	738.5	714.0	689.5	671.8	664.9	660.9	656.8	658.1	658.1	660.9	662.2
55°	697.6	675.8	652.7	640.4	628.2	625.4	622.7	626.8	629.5	629.5	629.5
57.5°	652.7	632.2	610.4	602.3	591.4	591.4	590.0	595.5	599.5	602.3	605.0
60°	613.2	590.0	566.8	560.0	555.9	554.6	553.2	560.0	565.5	570.9	576.4
62.5°	576.4	551.8	527.3	519.1	517.8	519.1	519.1	526.0	531.4	536.9	542.3
65°	535.5	511.0	485.1	476.9	479.6	483.7	487.8	493.3	497.3	502.8	508.2
67.5°	490.5	470.1	448.3	440.1	441.5	446.9	452.4	456.5	459.2	464.6	470.1
70°	441.5	423.8	406.1	400.6	399.2	406.1	411.5	414.2	417.0	423.8	429.2
72.5°	388.3	373.3	358.4	354.3	355.6	359.7	363.8	367.9	370.6	377.4	382.9
75°	333.8	320.2	306.6	303.9	306.6	310.7	314.8	317.5	320.2	328.4	335.2
77.5°	280.7	265.7	249.4	248.0	252.1	256.2	258.9	263.0	267.1	278.0	288.9
80°	224.8	208.5	190.8	189.4	193.5	197.6	201.7	205.8	209.8	223.5	235.7
82.5°	164.9	145.8	126.7	124.0	137.6	141.7	145.8	152.6	158.1	170.3	182.6
85°	99.5	80.4	61.3	60.0	72.2	79.0	85.8	94.0	100.8	111.7	122.6
87.5°	10.9	5.5	0.0	0.0	1.4	6.8	12.3	19.1	25.9	36.8	46.3
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: P320339  
 CATALOG NUMBER: GAN-SA5D-740-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: P320339

CATALOG NUMBER: GAN-SA5D-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9
2.5°	8728.8	8667.4	8730.1	8791.4	8817.3	8843.2	8776.4	8708.3	8814.6	8919.5	8946.8
5°	7150.9	7095.0	7137.2	7178.1	7086.8	6995.5	6986.0	6975.1	7054.1	7133.2	7145.4
7.5°	5543.0	5525.3	5564.8	5604.3	5488.5	5371.3	5314.1	5256.9	5275.9	5295.0	5292.3
10°	4132.7	4143.6	4192.7	4240.4	4150.4	4060.5	4021.0	3981.5	4025.1	4067.3	4106.8
12.5°	3095.8	3119.0	3170.7	3221.2	3184.4	3146.2	3150.3	3154.4	3204.8	3253.9	3297.5
15°	2405.0	2432.2	2469.0	2504.4	2505.8	2505.8	2541.2	2575.3	2571.2	2567.1	2597.1
17.5°	1990.7	2026.2	2030.3	2034.3	2035.7	2037.1	2034.3	2031.6	2011.2	1990.7	2013.9
20°	1704.6	1716.9	1727.8	1737.3	1725.0	1711.4	1677.3	1643.3	1629.7	1616.0	1637.8
22.5°	1550.6	1572.4	1561.5	1549.3	1524.7	1498.8	1473.0	1445.7	1444.3	1441.6	1453.9
25°	1421.2	1438.9	1419.8	1400.7	1383.0	1365.3	1347.6	1329.9	1328.5	1327.2	1332.6
27.5°	1313.5	1329.9	1312.2	1294.5	1279.5	1264.5	1250.9	1237.2	1234.5	1231.8	1233.1
30°	1220.9	1235.9	1220.9	1204.5	1193.6	1181.4	1171.8	1162.3	1160.9	1159.6	1159.6
32.5°	1137.8	1152.8	1141.9	1130.9	1121.4	1111.9	1105.1	1098.2	1091.4	1084.6	1069.6
35°	1065.5	1080.5	1073.7	1065.5	1054.6	1043.7	1031.5	1017.9	1000.1	981.1	972.9
37.5°	1004.2	1019.2	1012.4	1005.6	990.6	975.6	953.8	930.6	925.2	918.4	917.0
40°	955.2	978.3	964.7	949.7	926.6	903.4	892.5	881.6	878.9	876.1	873.4
42.5°	900.7	936.1	911.6	887.0	865.2	843.4	840.7	838.0	836.6	835.3	835.3
45°	832.5	870.7	846.2	820.3	808.0	795.8	795.8	795.8	797.1	797.1	799.8
47.5°	768.5	791.7	779.4	767.1	760.3	753.5	754.9	756.2	760.3	763.1	769.9
50°	714.0	722.2	724.9	726.3	722.2	718.1	720.8	722.2	726.3	729.0	734.4
52.5°	674.5	686.7	686.7	685.4	685.4	685.4	688.1	690.8	694.9	699.0	704.5
55°	648.6	666.3	660.9	655.4	656.8	656.8	659.5	662.2	666.3	669.0	677.2
57.5°	624.1	643.1	637.7	632.2	632.2	632.2	633.6	635.0	639.1	641.8	647.2
60°	595.5	614.5	609.1	602.3	603.6	605.0	606.4	606.4	609.1	610.4	610.4
62.5°	561.4	580.5	575.0	568.2	572.3	575.0	575.0	575.0	577.7	579.1	575.0
65°	526.0	543.7	538.2	532.8	538.2	542.3	545.0	546.4	545.0	543.7	539.6
67.5°	487.8	505.5	500.1	493.3	500.1	505.5	511.0	515.1	511.0	506.9	501.4
70°	446.9	464.6	457.8	451.0	457.8	464.6	470.1	475.5	470.1	464.6	463.3
72.5°	403.3	423.8	415.6	407.4	415.6	423.8	426.5	429.2	425.1	421.0	418.3
75°	355.6	376.1	369.3	361.1	367.9	374.7	376.1	377.4	377.4	376.1	367.9
77.5°	305.2	321.6	317.5	313.4	317.5	321.6	321.6	321.6	322.9	322.9	312.0
80°	245.3	254.8	256.2	257.5	258.9	260.3	258.9	257.5	254.8	252.1	245.3
82.5°	182.6	182.6	193.5	203.0	203.0	201.7	200.3	197.6	192.1	185.3	170.3
85°	115.8	109.0	126.7	143.1	143.1	141.7	139.0	134.9	124.0	111.7	99.5
87.5°	39.5	32.7	50.4	68.1	69.5	69.5	66.8	64.0	53.1	40.9	31.3
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: P320339  
 CATALOG NUMBER: GAN-SA5D-740-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: P320339

CATALOG NUMBER: GAN-SA5D-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9
2.5°	8987.6	9005.4	9021.7	9155.2	9287.4	9442.7	9598.1	9716.6	9833.8	9955.1	10076.4
5°	7187.7	7209.5	7231.3	7393.4	7554.2	7770.9	7987.5	8174.2	8360.9	8580.2	8799.6
7.5°	5327.7	5375.4	5421.7	5594.8	5766.5	5999.5	6231.1	6475.0	6717.6	7003.7	7289.9
10°	4184.5	4274.4	4363.0	4540.2	4717.3	4947.6	5176.5	5431.3	5686.1	5968.1	6248.8
12.5°	3387.4	3507.3	3625.9	3838.4	4051.0	4326.2	4600.1	4883.5	5165.6	5413.6	5661.6
15°	2676.1	2806.9	2936.4	3161.2	3386.0	3688.5	3989.7	4299.0	4606.9	4904.0	5201.0
17.5°	2087.5	2195.1	2301.4	2492.2	2681.6	2974.5	3267.5	3591.8	3916.1	4278.5	4639.6
20°	1684.2	1729.1	1774.1	1911.7	2048.0	2286.4	2523.5	2854.6	3185.7	3619.0	4052.3
22.5°	1475.7	1498.8	1520.7	1587.4	1652.8	1806.8	1959.4	2252.4	2544.0	3016.8	3488.2
25°	1350.3	1368.0	1385.8	1429.4	1473.0	1546.5	1620.1	1825.9	2031.6	2496.3	2959.5
27.5°	1237.2	1264.5	1290.4	1310.8	1329.9	1380.3	1429.4	1564.3	1699.1	2132.5	2564.4
30°	1155.5	1165.0	1174.6	1205.9	1235.9	1287.6	1339.4	1433.4	1527.5	1894.0	2259.2
32.5°	1060.1	1073.7	1087.3	1120.0	1152.8	1200.4	1248.1	1324.4	1399.4	1712.8	2024.8
35°	974.3	987.9	1001.5	1034.2	1065.5	1117.3	1167.7	1231.8	1294.5	1567.0	1839.5
37.5°	921.1	934.7	948.4	977.0	1004.2	1056.0	1106.4	1156.8	1205.9	1458.0	1710.1
40°	876.1	889.8	903.4	930.6	956.5	1007.0	1056.0	1098.2	1140.5	1376.2	1611.9
42.5°	836.6	851.6	866.6	893.9	919.7	964.7	1009.7	1065.5	1120.0	1305.4	1489.3
45°	803.9	818.9	832.5	862.5	892.5	936.1	979.7	1057.4	1135.0	1268.6	1402.1
47.5°	774.0	790.3	805.3	838.0	870.7	925.2	978.3	1043.7	1107.8	1240.0	1372.1
50°	745.3	764.4	783.5	823.0	861.2	952.5	1042.4	1051.9	1060.1	1216.8	1372.1
52.5°	718.1	739.9	761.7	810.7	858.4	964.7	1071.0	1036.9	1001.5	1173.2	1344.9
55°	690.8	709.9	727.6	787.6	847.5	925.2	1002.9	957.9	911.6	1091.4	1271.3
57.5°	654.0	674.5	693.6	757.6	821.6	876.1	929.3	888.4	846.2	998.8	1150.0
60°	615.9	639.1	662.2	744.0	824.4	814.8	803.9	795.8	786.2	895.2	1004.2
62.5°	581.8	606.4	630.9	737.2	843.4	778.0	712.6	719.4	724.9	805.3	885.7
65°	547.8	572.3	595.5	648.6	701.7	675.8	650.0	660.9	670.4	749.4	828.5
67.5°	509.6	531.4	551.8	569.6	587.3	590.0	592.7	603.6	614.5	708.5	801.2
70°	467.4	485.1	502.8	515.1	526.0	531.4	535.5	549.1	562.7	664.9	767.1
72.5°	419.7	434.7	448.3	459.2	470.1	474.2	476.9	490.5	504.2	613.2	722.2
75°	367.9	380.2	391.1	400.6	410.1	415.6	421.0	430.6	440.1	558.7	675.8
77.5°	310.7	322.9	333.8	342.0	348.8	354.3	358.4	370.6	382.9	482.4	580.5
80°	242.5	257.5	271.2	278.0	283.4	284.8	284.8	295.7	306.6	377.4	446.9
82.5°	171.7	188.0	203.0	208.5	213.9	213.9	213.9	226.2	238.5	286.1	332.5
85°	100.8	118.5	134.9	140.3	145.8	148.5	149.9	155.3	159.4	193.5	226.2
87.5°	31.3	46.3	60.0	62.7	65.4	70.9	76.3	77.7	77.7	100.8	124.0
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: P320339  
 CATALOG NUMBER: GAN-SA5D-740-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: P320339

CATALOG NUMBER: GAN-SA5D-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9	10382.9
2.5°	10215.3	10354.3	10516.5	10677.3	10814.9	10952.5	11067.0
5°	9078.9	9358.3	9700.3	10040.9	10344.8	10648.6	11001.6
7.5°	7650.9	8012.0	8454.9	8897.7	9326.9	9754.8	10297.1
10°	6616.7	6983.3	7452.0	7919.4	8401.7	8882.7	9495.9
12.5°	5960.0	6257.0	6710.8	7164.5	7731.3	8296.8	8886.8
15°	5526.7	5851.0	6292.4	6733.9	7353.9	7973.9	8652.4
17.5°	5064.7	5488.5	6054.0	6619.5	7353.9	8087.0	8886.8
20°	4581.0	5108.4	5841.4	6574.5	7563.7	8551.6	9572.2
22.5°	4098.7	4709.1	5649.3	6588.1	7881.2	9173.0	10550.5
25°	3664.0	4368.5	5532.1	6694.4	8343.1	9990.5	11699.2
27.5°	3334.3	4102.8	5484.4	6864.7	8929.1	10993.4	12948.7
30°	3041.3	3823.4	5427.2	7031.0	9493.2	11954.0	13925.7
32.5°	2787.9	3550.9	5316.8	7081.4	9887.0	12692.5	14752.8
35°	2588.9	3338.3	5131.5	6924.7	10133.6	13342.5	15613.9
37.5°	2417.2	3124.4	4920.3	6716.2	10353.0	13989.7	16582.7
40°	2253.7	2895.5	4739.1	6581.3	10655.5	14729.6	17606.0
42.5°	2098.4	2707.5	4593.3	6479.1	10936.1	15391.8	18501.2
45°	1982.6	2563.0	4463.8	6363.3	11117.4	15871.4	19175.7
47.5°	1925.3	2477.2	4394.4	6310.2	11298.6	16285.7	19735.8
50°	1917.2	2462.2	4473.4	6484.6	11691.0	16896.1	20376.2
52.5°	1915.8	2486.7	4700.9	6915.1	12420.0	17923.5	21069.7
55°	1887.2	2501.7	4972.1	7441.1	13398.3	19354.2	22316.5
57.5°	1800.0	2449.9	5251.4	8051.5	14432.6	20812.2	23721.3
60°	1665.1	2324.6	5481.7	8637.5	15127.5	21616.1	24262.3
62.5°	1496.1	2105.2	5558.0	9009.4	15108.4	21207.4	23717.2
65°	1351.7	1874.9	5307.3	8738.3	14344.0	19948.3	22639.4
67.5°	1223.6	1644.6	4680.5	7715.0	12969.1	18221.9	21268.7
70°	1130.9	1493.4	3872.5	6251.6	11248.2	16243.4	19681.3
72.5°	1072.4	1421.2	3157.1	4891.7	9128.0	13362.9	16834.8
75°	992.0	1308.1	2477.2	3644.9	6986.0	10327.1	12715.7
77.5°	842.1	1102.3	1866.7	2631.2	5126.1	7619.6	8843.2
80°	650.0	851.6	1283.6	1715.5	3527.7	5340.0	6029.5
82.5°	463.3	594.1	778.0	962.0	2343.7	3724.0	3781.2
85°	286.1	346.1	445.6	545.0	1550.6	2556.2	2129.7
87.5°	154.0	183.9	235.7	286.1	496.0	705.8	406.1
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: P320339  
CATALOG NUMBER: GAN-SA5D-740-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)