

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: P320338

Luminaire Tested: **GAN-SA4D-740-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320338  
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-SA4D-740-U-SLL  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 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: 27506 lumens  
Efficiency: N/A  
Efficacy: 106.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G5

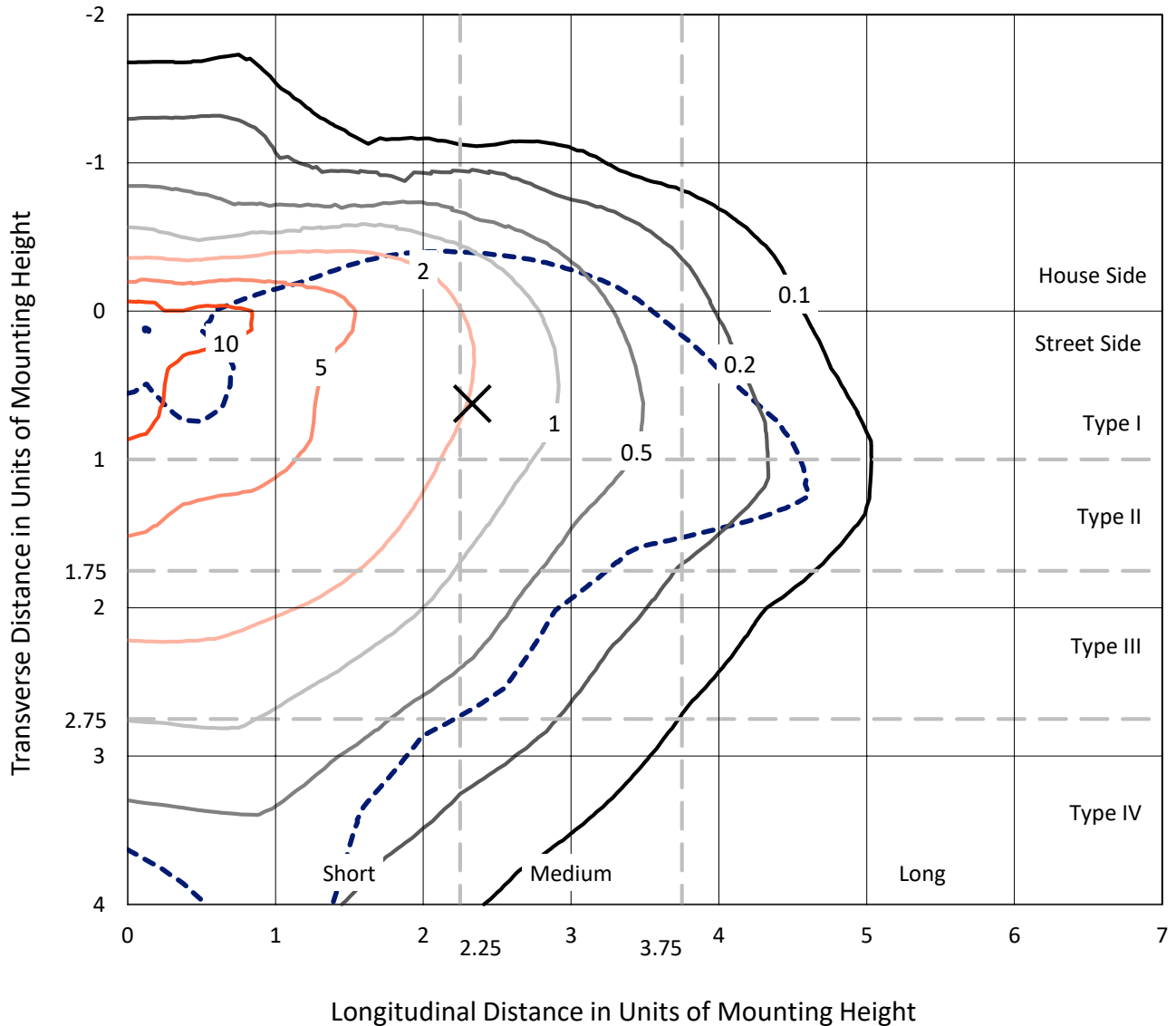
Input Watts (W): 258  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

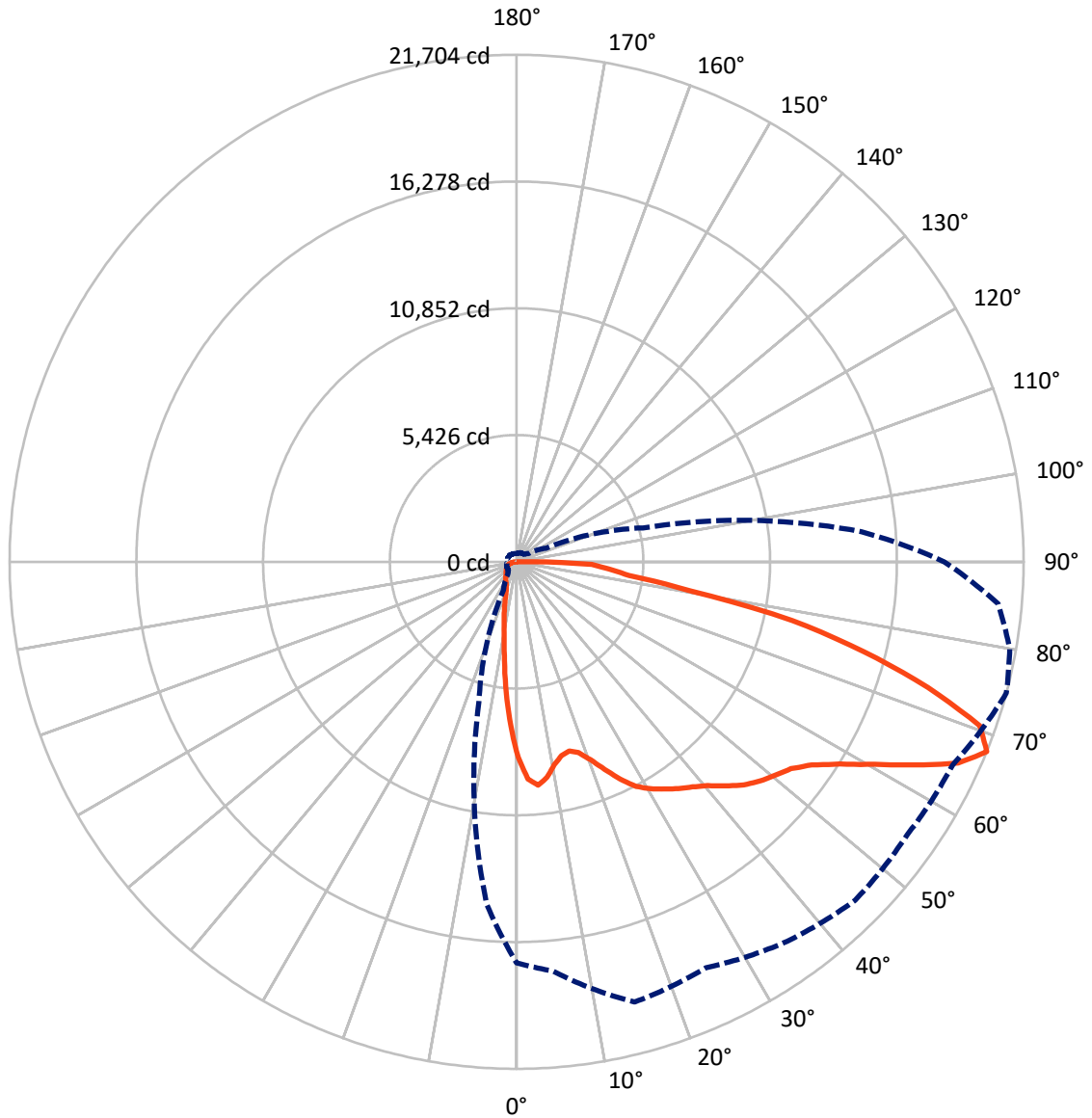
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.9 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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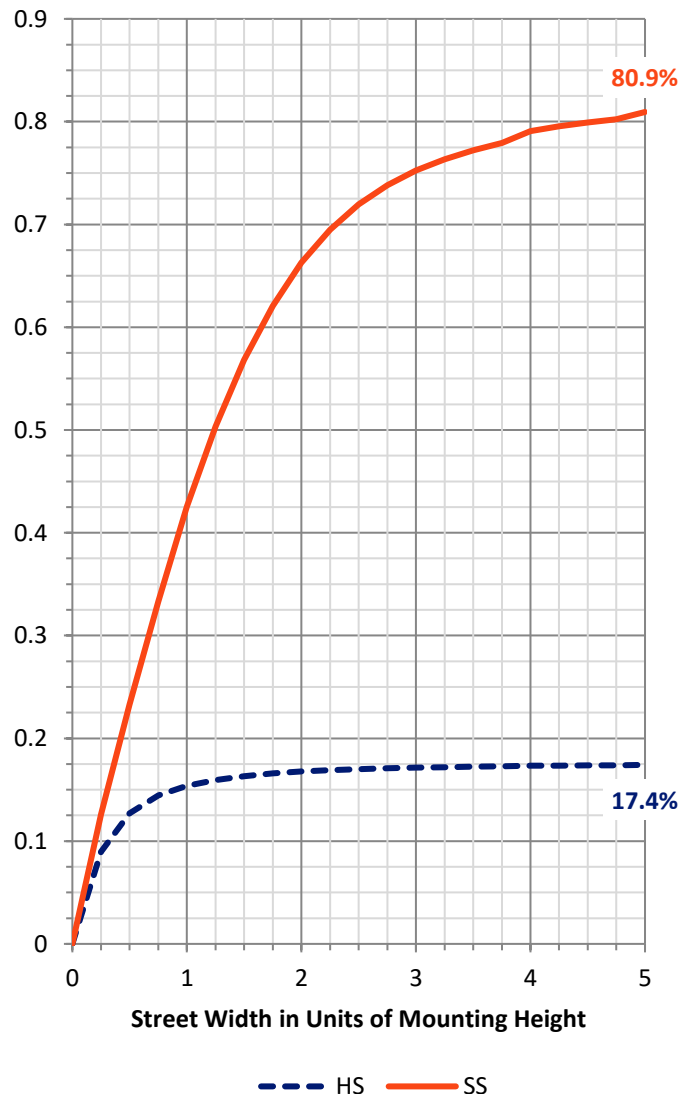
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4844.5	0.0	4844.5
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	22661.5	0.0	22661.5
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	27506.0	0.0	27506.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	646.7	2.4
10°-20°	1343.5	4.9
20°-30°	1910.8	6.9
30°-40°	2753.4	10.0
40°-50°	3880.4	14.1
50°-60°	5394.4	19.6
60°-70°	6523.4	23.7
70°-80°	4009.9	14.6
80°-90°	1043.4	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°	27506.0	100.0
0°-180°	27506.0	100.0

**Coefficient of Utilization**

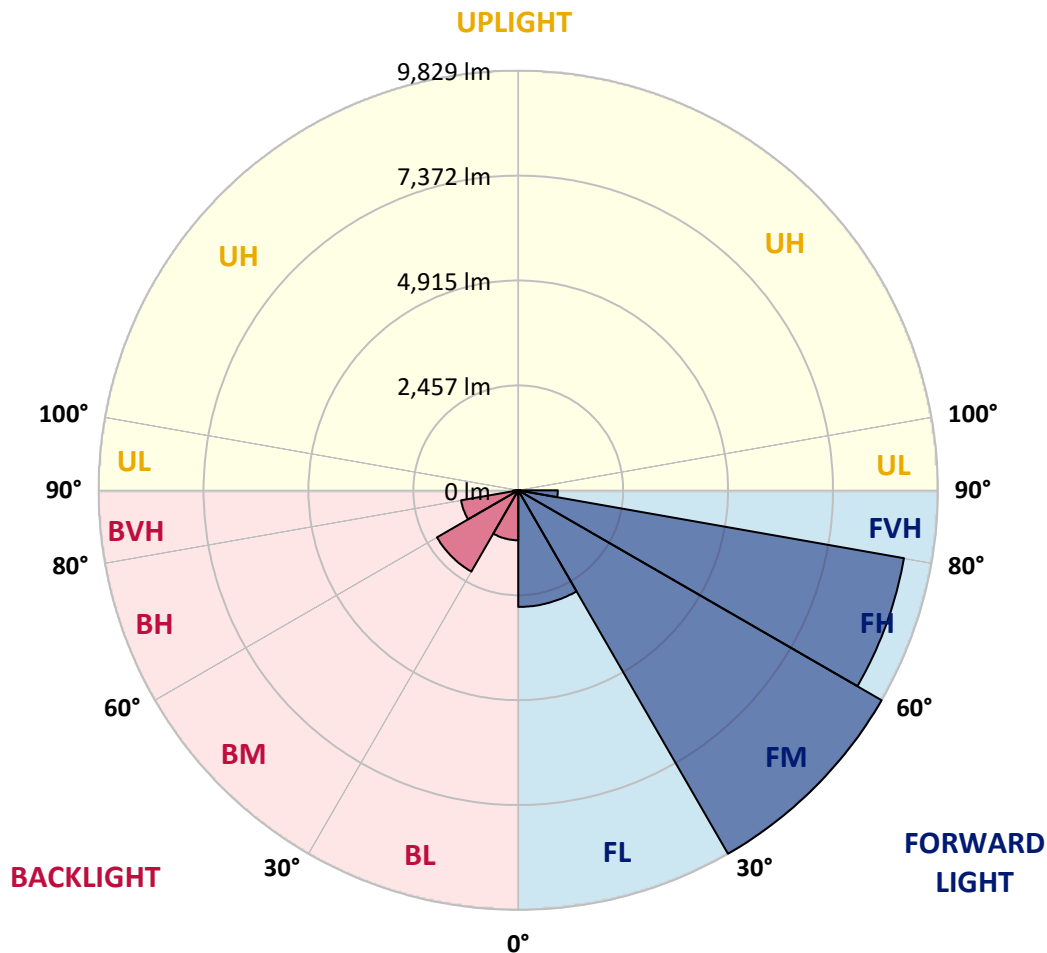


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2731.1	9.9			
FM (30°-60°)	9829.2	35.7			
FH (60°-80°)	9175.1	33.4			G4/12000
FVH (80°-90°)	926.2	3.4			G5
BL (0°-30°)	1170.0	4.3	B3/2500		
BM (30°-60°)	2199.0	8.0	B2/2500		
BH (60°-80°)	1358.2	4.9	B3/2500		G3/2500
BVH (80°-90°)	117.2	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°	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8
2.5°	8931.9	9049.6	9130.9	9211.2	9273.9	9335.5	9425.7	9515.8	9533.4	9549.9	9514.7
5°	8879.1	9166.1	9410.3	9653.3	9878.7	10104.2	10239.5	10374.7	10402.2	10429.7	10345.0
7.5°	8310.5	8733.9	9157.3	9580.7	9968.9	10357.1	10593.6	10828.9	10882.8	10935.6	10797.0
10°	7663.9	8156.6	8676.8	9196.9	9708.3	10219.7	10561.7	10903.7	10971.9	11040.0	10867.4
12.5°	7172.3	7710.1	8265.5	8820.8	9360.8	9899.6	10253.7	10607.9	10692.5	10777.2	10651.8
15°	6983.2	7572.6	8095.0	8617.4	9088.0	9557.6	9848.0	10137.2	10172.4	10206.5	10186.7
17.5°	7172.3	7822.3	8295.2	8766.9	9023.2	9278.3	9394.9	9510.3	9548.8	9586.2	9636.8
20°	7725.5	8427.1	8760.3	9092.4	9081.5	9069.4	9013.3	8956.1	8946.2	8936.3	9079.3
22.5°	8515.1	9330.0	9463.1	9595.0	9286.0	8977.0	8788.9	8599.8	8562.4	8523.9	8675.7
25°	9442.2	10309.8	10285.6	10260.3	9672.0	9082.5	8724.0	8365.5	8323.7	8282.0	8411.7
27.5°	10450.6	11279.8	11121.4	10963.1	10163.6	9364.1	8843.9	8323.7	8282.0	8240.2	8354.5
30°	11239.1	11991.3	11737.3	11483.2	10578.2	9673.1	9055.1	8437.0	8368.8	8299.6	8440.3
32.5°	11906.6	12546.7	12205.7	11864.8	10914.7	9964.5	9295.9	8627.3	8520.6	8413.9	8602.0
35°	12601.6	13100.9	12621.4	12140.9	11214.9	10287.8	9580.7	8872.5	8741.6	8610.8	8869.2
37.5°	13383.5	13798.1	13109.7	12420.2	11552.5	10684.8	10007.4	9328.9	9194.7	9060.6	9390.5
40°	14209.4	14554.7	13636.5	12718.2	11922.0	11125.8	10598.0	10069.0	9941.4	9812.8	10213.1
42.5°	14931.9	15183.8	14126.9	13070.1	12367.4	11663.6	11291.9	10919.1	10918.0	10915.8	11321.6
45°	15476.3	15695.1	14536.0	13375.8	12801.8	12226.6	12033.1	11839.5	11994.6	12149.7	12517.0
47.5°	15928.3	16076.7	14879.2	13680.5	13298.9	12917.3	12945.9	12974.4	13290.1	13605.7	13842.1
50°	16445.1	16325.3	15190.4	14054.4	13936.7	13819.0	14076.4	14332.6	14695.5	15057.3	15217.9
52.5°	17004.9	16687.1	15612.7	14537.1	14669.1	14801.1	15324.5	15848.0	16214.2	16580.4	16640.9
55°	18011.1	17524.0	16389.1	15253.1	15507.1	15760.0	16528.7	17296.3	17582.3	17868.2	17890.2
57.5°	19144.9	18712.8	17476.7	16240.6	16513.3	16786.1	17673.5	18559.9	18868.9	19176.8	19133.9
60°	19581.5	19602.4	18509.3	17415.1	17690.0	17965.0	18829.3	19693.7	20048.9	20403.0	20308.4
62.5°	19141.6	19657.4	19073.5	18488.4	18738.1	18986.6	19833.4	20680.1	21044.2	21408.2	21243.2
65°	18271.8	18783.1	19044.9	19306.6	19389.1	19471.6	20262.3	21051.9	21331.2	21609.4	21525.8
67.5°	17165.5	17579.0	18544.5	19509.0	19342.9	19176.8	19547.4	19918.0	20205.1	20492.1	20444.8
70°	15884.3	16377.0	17664.7	18952.5	18136.5	17319.4	17166.6	17013.7	17323.8	17632.8	17441.5
72.5°	13587.0	14330.4	15703.9	17076.4	15573.1	14069.8	13547.4	13025.0	13417.6	13810.2	13505.6
75°	10262.5	11249.0	12766.6	14283.1	12489.5	10695.8	9998.6	9301.4	9639.0	9976.6	9767.7
77.5°	7137.2	8374.3	9868.8	11363.4	9540.0	7715.6	7197.6	6678.6	6779.7	6879.8	6844.6
80°	4866.2	5680.0	6722.6	7764.0	6549.9	5335.8	5376.5	5416.1	5368.8	5320.4	5390.8
82.5°	3051.7	3624.7	4429.7	5233.5	4589.1	3944.7	4314.2	4683.7	4502.2	4319.7	4387.9
85°	1718.9	2068.6	2856.0	3642.3	3394.8	3146.3	3362.9	3578.5	3296.9	3015.4	3139.7
87.5°	327.7	545.5	1580.3	2614.0	2373.2	2132.3	1853.0	1573.7	1200.9	828.1	1209.7
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°	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8
2.5°	9479.5	9460.9	9442.2	9375.1	9306.9	9205.7	9122.1	8977.0	8897.8	8777.9	8658.1
5°	10259.2	10140.5	10021.7	9817.2	9611.5	9382.8	9119.9	8828.5	8608.6	8322.6	8036.7
7.5°	10658.4	10381.3	10103.1	9710.5	9316.8	8962.7	8547.0	8159.9	7830.0	7458.3	7086.6
10°	10694.7	10279.0	9862.2	9352.0	8840.6	8410.6	7932.2	7502.3	7106.4	6679.7	6251.9
12.5°	10525.4	10083.3	9640.1	9078.2	8515.1	8026.8	7512.2	7030.5	6591.7	6122.1	5651.4
15°	10166.9	9813.9	9459.8	8933.0	8406.2	7913.6	7414.3	6843.5	6347.6	5867.0	5385.3
17.5°	9686.3	9519.1	9350.9	8970.4	8588.8	8162.1	7678.2	7008.5	6427.8	5905.5	5383.1
20°	9221.1	9282.7	9343.2	9191.4	9039.7	8697.6	8275.4	7523.2	6781.9	6099.0	5415.0
22.5°	8826.3	9122.1	9416.9	9534.5	9651.1	9445.5	9115.5	8245.7	7264.7	6372.9	5481.0
25°	8540.4	9030.9	9521.3	9912.8	10303.2	10212.0	9957.9	9123.2	7904.8	6767.6	5629.4
27.5°	8468.9	9070.5	9672.0	10279.0	10885.0	10969.7	10899.3	10048.1	8668.0	7258.1	5847.2
30°	8581.1	9190.3	9798.5	10537.5	11275.4	11613.0	11707.6	10819.0	9540.0	7830.0	6118.8
32.5°	8790.0	9387.2	9984.3	10789.3	11593.2	12103.5	12404.8	11523.9	10148.2	8261.1	6372.9
35°	9127.6	9686.3	10244.9	11082.9	11920.9	12580.7	13130.6	12251.9	10688.1	8562.4	6435.5
37.5°	9719.3	10199.9	10680.4	11454.6	12227.7	13083.3	13909.2	13053.6	11272.1	8852.7	6432.2
40°	10613.4	10953.2	11291.9	11946.2	12599.4	13676.1	14791.2	13947.7	11917.6	9167.2	6416.8
42.5°	11727.4	11902.2	12076.0	12593.9	13111.9	14295.2	15591.8	14822.0	12533.5	9459.8	6386.0
45°	12883.2	12929.4	12975.5	13302.2	13627.7	14785.7	16137.2	15478.5	13071.2	9713.8	6355.3
47.5°	14077.5	13919.1	13760.7	13890.5	14020.3	15161.8	16526.5	15976.7	13611.2	9995.3	6378.3
50°	15378.4	14937.4	14496.4	14428.3	14360.1	15537.9	16985.1	16610.1	14260.0	10405.5	6551.0
52.5°	16700.3	15973.4	15246.5	14977.0	14706.5	15986.6	17593.2	17398.6	15186.0	11041.1	6895.2
55°	17912.2	16987.3	16062.4	15699.5	15336.6	16672.8	18335.6	18556.6	16372.6	11853.8	7334.0
57.5°	19090.0	18041.9	16993.9	16657.4	16320.9	17681.2	19275.8	19595.8	17571.3	12633.5	7694.7
60°	20213.9	19176.8	18138.7	17869.3	17598.7	18934.9	20291.9	20058.8	18189.3	12998.6	7806.9
62.5°	21078.2	20253.5	19428.7	19286.8	19143.8	20202.9	21072.7	19878.5	17796.7	12639.0	7481.4
65°	21442.3	20972.7	20502.0	20635.1	20767.0	21161.8	21267.4	19350.6	16562.8	11631.7	6700.6
67.5°	20396.4	20492.1	20587.8	21146.4	21704.0	21432.4	20688.9	18310.3	14806.6	10204.3	5602.0
70°	17249.0	17823.1	18396.0	19717.9	21038.7	20436.0	19139.4	16442.9	12692.9	8560.2	4426.4
72.5°	13199.9	13845.4	14489.9	16451.7	18412.5	17857.2	16269.2	13505.6	10176.8	6835.8	3493.8
75°	9557.6	10286.7	11014.8	13179.0	15343.2	14572.3	12169.5	9669.8	7729.9	5218.1	2705.3
77.5°	6808.3	7296.6	7784.9	9922.7	12059.5	10803.6	8100.5	6507.0	5350.1	3626.9	1902.5
80°	5461.2	5311.6	5162.1	6353.1	7544.0	7335.1	5357.8	4178.9	3702.7	2430.4	1158.0
82.5°	4454.9	4089.8	3724.7	4285.6	4846.4	4815.7	3718.1	3066.0	2755.9	1689.2	622.4
85°	3262.9	3116.6	2970.3	3466.3	3962.3	3538.9	2518.3	1948.7	2148.8	1243.8	338.7
87.5°	1591.3	1817.8	2043.3	2628.3	3212.3	2411.7	764.3	378.3	523.5	344.2	163.9
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: P320338  
 CATALOG NUMBER: GAN-SA4D-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: P320338

CATALOG NUMBER: GAN-SA4D-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8
2.5°	8569.0	8478.8	8376.5	8274.3	8157.7	8040.0	7970.7	7900.4	7824.5	7748.6	7662.8
5°	7847.6	7658.4	7444.0	7229.5	7017.3	6805.0	6690.7	6576.3	6455.3	6333.3	6227.7
7.5°	6811.6	6535.6	6238.7	5940.7	5676.7	5411.7	5247.8	5082.9	4933.3	4782.7	4656.2
10°	5900.0	5548.1	5250.0	4950.9	4751.9	4552.8	4402.2	4251.5	4106.3	3960.1	3820.4
12.5°	5299.5	4947.6	4758.5	4569.3	4404.4	4239.4	4065.6	3890.8	3691.7	3491.6	3345.3
15°	5065.3	4745.3	4535.2	4324.1	4103.0	3880.9	3667.6	3454.2	3218.9	2983.5	2817.5
17.5°	4964.1	4545.1	4251.5	3956.8	3665.4	3373.9	3126.5	2879.1	2621.7	2364.4	2196.1
20°	4857.4	4299.9	3906.2	3511.4	3137.5	2763.6	2483.2	2202.7	1972.9	1743.0	1614.4
22.5°	4760.7	4039.3	3545.5	3050.6	2608.5	2166.4	1891.5	1615.5	1474.7	1334.0	1282.3
25°	4721.1	3811.6	3204.6	2597.5	2131.2	1663.9	1468.1	1272.4	1218.5	1163.5	1137.1
27.5°	4727.7	3608.2	2917.5	2225.8	1805.7	1385.6	1251.5	1117.3	1084.3	1050.2	1033.7
30°	4753.0	3387.1	2647.0	1906.9	1560.5	1214.1	1127.2	1039.2	1004.0	968.8	948.0
32.5°	4781.6	3189.2	2438.1	1685.9	1403.2	1119.5	1048.0	975.4	941.4	907.3	886.4
35°	4732.1	3027.5	2295.1	1562.7	1302.1	1040.3	979.8	918.3	880.9	843.5	823.7
37.5°	4648.5	2864.8	2184.0	1502.2	1236.1	968.8	924.9	879.8	841.3	801.7	783.0
40°	4572.6	2727.3	2101.6	1474.7	1199.8	923.8	886.4	849.0	809.4	768.7	746.7
42.5°	4511.0	2634.9	2020.2	1405.4	1166.8	927.1	874.3	820.4	781.9	743.4	719.2
45°	4464.8	2574.4	1956.4	1338.4	1136.0	933.7	866.6	799.5	761.0	721.4	692.8
47.5°	4460.4	2542.5	1911.3	1280.1	1077.7	874.3	846.8	819.3	763.2	706.0	673.0
50°	4520.9	2490.9	1858.5	1225.1	1021.6	818.2	855.6	891.9	796.2	699.4	657.6
52.5°	4647.4	2399.6	1774.9	1150.3	953.5	755.5	813.8	871.0	788.5	704.9	651.0
55°	4800.3	2265.4	1648.5	1030.4	863.3	695.0	746.7	797.3	745.6	692.8	627.9
57.5°	4895.9	2096.1	1489.0	882.0	762.1	642.2	671.9	700.5	679.6	658.7	592.7
60°	4838.7	1870.6	1309.8	747.8	673.0	598.2	592.7	586.1	616.9	647.7	571.9
62.5°	4559.4	1637.5	1151.4	665.3	609.2	552.1	540.0	526.8	577.4	626.8	546.6
65°	4087.6	1474.7	1051.3	627.9	565.3	502.6	489.4	476.2	491.6	507.0	469.6
67.5°	3488.3	1374.6	994.1	613.6	537.8	460.8	445.4	430.0	426.7	423.4	410.2
70°	2870.3	1313.1	956.8	600.4	508.1	414.6	400.3	386.0	381.6	376.1	366.2
72.5°	2399.6	1305.4	952.4	599.3	483.9	368.4	355.2	342.0	336.5	329.9	322.2
75°	1965.2	1225.1	904.0	582.8	450.9	317.8	305.7	293.6	289.2	283.7	277.1
77.5°	1458.2	1013.9	759.9	505.9	386.0	266.1	254.0	240.8	239.7	237.5	232.0
80°	945.8	733.5	543.3	353.0	281.5	208.9	199.0	188.1	189.2	190.3	185.9
82.5°	525.7	427.8	332.1	236.4	192.5	148.5	144.1	138.6	141.9	144.1	138.6
85°	277.1	215.5	178.2	140.8	111.1	81.4	81.4	80.3	84.7	89.1	84.7
87.5°	119.9	75.9	64.9	52.8	29.7	5.5	6.6	6.6	8.8	11.0	9.9
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: P320338  
 CATALOG NUMBER: GAN-SA4D-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: P320338  
 CATALOG NUMBER: GAN-SA4D-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8
2.5°	7575.9	7495.7	7414.3	7325.2	7341.7	7273.5	7205.3	7162.4	7119.6	7106.4	7093.2
5°	6122.1	6030.8	5938.5	5856.0	5927.5	5879.1	5830.7	5824.1	5816.4	5816.4	5815.3
7.5°	4529.7	4431.9	4332.9	4264.7	4335.1	4326.3	4317.5	4364.8	4412.1	4450.5	4487.9
10°	3680.7	3562.0	3442.1	3340.9	3323.3	3272.8	3221.1	3232.1	3242.0	3283.8	3325.5
12.5°	3199.1	3057.2	2915.3	2796.6	2742.7	2659.1	2574.4	2521.6	2468.9	2474.4	2478.8
15°	2650.3	2512.8	2374.3	2272.0	2237.9	2173.0	2108.2	2042.2	1975.1	1947.6	1919.0
17.5°	2026.8	1916.8	1805.7	1737.6	1737.6	1718.9	1700.2	1667.2	1633.1	1605.6	1577.0
20°	1485.7	1427.4	1368.0	1339.5	1348.3	1349.4	1349.4	1365.8	1382.3	1373.5	1364.7
22.5°	1229.5	1208.6	1187.7	1175.6	1180.0	1181.1	1182.2	1197.6	1211.9	1222.9	1232.8
25°	1109.6	1096.4	1083.2	1078.8	1088.7	1089.8	1089.8	1099.7	1109.6	1120.6	1131.6
27.5°	1016.1	1010.6	1005.1	997.4	1007.3	1007.3	1006.2	1017.2	1027.1	1037.0	1045.8
30°	927.1	929.3	930.4	928.2	934.8	939.2	942.5	950.2	956.8	964.5	972.1
32.5°	864.4	861.1	857.8	855.6	869.9	877.6	885.3	893.0	899.6	902.9	906.2
35°	803.9	796.2	788.5	783.0	796.2	806.1	816.0	830.3	843.5	845.7	847.9
37.5°	763.2	753.3	743.4	736.8	742.3	746.7	751.1	766.5	781.9	790.7	798.4
40°	724.7	714.8	704.9	699.4	702.7	703.8	704.9	712.6	719.2	735.7	751.1
42.5°	693.9	681.8	669.7	663.1	665.3	667.5	668.6	667.5	666.4	681.8	697.2
45°	663.1	649.9	636.7	629.0	630.1	630.1	630.1	627.9	624.6	632.3	640.0
47.5°	638.9	623.5	608.1	600.4	598.2	596.0	593.8	592.7	590.5	596.0	600.4
50°	614.7	598.2	580.6	571.9	566.4	564.2	562.0	560.9	558.7	564.2	568.6
52.5°	596.0	576.3	556.5	542.2	536.7	533.4	530.1	531.2	531.2	533.4	534.5
55°	563.1	545.5	526.8	516.9	507.0	504.8	502.6	505.9	508.1	508.1	508.1
57.5°	526.8	510.3	492.7	486.1	477.3	477.3	476.2	480.6	483.9	486.1	488.3
60°	494.9	476.2	457.5	452.0	448.7	447.6	446.5	452.0	456.4	460.8	465.2
62.5°	465.2	445.4	425.6	419.0	417.9	419.0	419.0	424.5	428.9	433.3	437.7
65°	432.2	412.4	391.5	384.9	387.1	390.4	393.7	398.1	401.4	405.8	410.2
67.5°	395.9	379.4	361.8	355.2	356.3	360.7	365.1	368.4	370.6	375.0	379.4
70°	356.3	342.0	327.7	323.3	322.2	327.7	332.1	334.3	336.5	342.0	346.4
72.5°	313.4	301.3	289.2	285.9	287.0	290.3	293.6	296.9	299.1	304.6	309.0
75°	269.4	258.4	247.4	245.2	247.4	250.7	254.0	256.2	258.4	265.0	270.5
77.5°	226.5	214.4	201.2	200.1	203.4	206.7	208.9	212.2	215.5	224.3	233.1
80°	181.5	168.3	154.0	152.9	156.2	159.5	162.8	166.1	169.4	180.4	190.3
82.5°	133.1	117.7	102.3	100.1	111.1	114.4	117.7	123.2	127.6	137.5	147.4
85°	80.3	64.9	49.5	48.4	58.3	63.8	69.3	75.9	81.4	90.2	99.0
87.5°	8.8	4.4	0.0	0.0	1.1	5.5	9.9	15.4	20.9	29.7	37.4
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: P320338  
 CATALOG NUMBER: GAN-SA4D-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: P320338

CATALOG NUMBER: GAN-SA4D-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8
2.5°	7044.8	6995.3	7045.9	7095.4	7116.3	7137.2	7083.3	7028.3	7114.1	7198.7	7220.7
5°	5771.3	5726.2	5760.3	5793.3	5719.6	5645.9	5638.2	5629.4	5693.2	5757.0	5766.9
7.5°	4473.6	4459.3	4491.2	4523.1	4429.7	4335.1	4288.9	4242.7	4258.1	4273.5	4271.3
10°	3335.4	3344.2	3383.8	3422.3	3349.7	3277.2	3245.3	3213.4	3248.6	3282.7	3314.5
12.5°	2498.6	2517.2	2559.0	2599.7	2570.0	2539.2	2542.5	2545.8	2586.5	2626.1	2661.3
15°	1941.0	1963.0	1992.7	2021.3	2022.4	2022.4	2051.0	2078.5	2075.2	2071.9	2096.1
17.5°	1606.7	1635.3	1638.6	1641.9	1643.0	1644.1	1641.9	1639.7	1623.2	1606.7	1625.4
20°	1375.7	1385.6	1394.4	1402.1	1392.2	1381.2	1353.7	1326.3	1315.3	1304.3	1321.9
22.5°	1251.5	1269.1	1260.3	1250.4	1230.6	1209.7	1188.8	1166.8	1165.7	1163.5	1173.4
25°	1147.0	1161.3	1145.9	1130.5	1116.2	1101.9	1087.6	1073.3	1072.2	1071.1	1075.5
27.5°	1060.1	1073.3	1059.0	1044.7	1032.6	1020.5	1009.5	998.5	996.3	994.1	995.2
30°	985.3	997.4	985.3	972.1	963.4	953.5	945.8	938.1	937.0	935.9	935.9
32.5°	918.3	930.4	921.6	912.8	905.1	897.4	891.9	886.4	880.9	875.4	863.3
35°	860.0	872.1	866.6	860.0	851.2	842.4	832.5	821.5	807.2	791.8	785.2
37.5°	810.5	822.6	817.1	811.6	799.5	787.4	769.8	751.1	746.7	741.2	740.1
40°	770.9	789.6	778.6	766.5	747.8	729.1	720.3	711.5	709.3	707.1	704.9
42.5°	726.9	755.5	735.7	715.9	698.3	680.7	678.5	676.3	675.2	674.1	674.1
45°	671.9	702.7	682.9	662.0	652.1	642.2	642.2	642.2	643.3	643.3	645.5
47.5°	620.2	638.9	629.0	619.1	613.6	608.1	609.2	610.3	613.6	615.8	621.3
50°	576.3	582.8	585.0	586.1	582.8	579.6	581.7	582.8	586.1	588.3	592.7
52.5°	544.4	554.3	554.3	553.2	553.2	553.2	555.4	557.6	560.9	564.2	568.6
55°	523.5	537.8	533.4	529.0	530.1	530.1	532.3	534.5	537.8	540.0	546.6
57.5°	503.7	519.1	514.7	510.3	510.3	510.3	511.4	512.5	515.8	518.0	522.4
60°	480.6	496.0	491.6	486.1	487.2	488.3	489.4	489.4	491.6	492.7	492.7
62.5°	453.1	468.5	464.1	458.6	461.9	464.1	464.1	464.1	466.3	467.4	464.1
65°	424.5	438.8	434.4	430.0	434.4	437.7	439.9	441.0	439.9	438.8	435.5
67.5°	393.7	408.0	403.6	398.1	403.6	408.0	412.4	415.7	412.4	409.1	404.7
70°	360.7	375.0	369.5	364.0	369.5	375.0	379.4	383.8	379.4	375.0	373.9
72.5°	325.5	342.0	335.4	328.8	335.4	342.0	344.2	346.4	343.1	339.8	337.6
75°	287.0	303.5	298.0	291.4	296.9	302.4	303.5	304.6	304.6	303.5	296.9
77.5°	246.3	259.5	256.2	252.9	256.2	259.5	259.5	259.5	260.6	260.6	251.8
80°	197.9	205.6	206.7	207.8	208.9	210.0	208.9	207.8	205.6	203.4	197.9
82.5°	147.4	147.4	156.2	163.9	163.9	162.8	161.7	159.5	155.1	149.6	137.5
85°	93.5	88.0	102.3	115.5	115.5	114.4	112.2	108.9	100.1	90.2	80.3
87.5°	31.9	26.4	40.7	55.0	56.1	56.1	53.9	51.7	42.9	33.0	25.3
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: P320338  
 CATALOG NUMBER: GAN-SA4D-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: P320338

CATALOG NUMBER: GAN-SA4D-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8
2.5°	7253.7	7268.0	7281.2	7389.0	7495.7	7621.0	7746.4	7842.1	7936.6	8034.5	8132.4
5°	5801.0	5818.6	5836.2	5967.1	6096.8	6271.7	6446.5	6597.2	6747.9	6924.9	7102.0
7.5°	4299.9	4338.4	4375.8	4515.4	4654.0	4842.0	5029.0	5225.8	5421.6	5652.5	5883.5
10°	3377.2	3449.8	3521.3	3664.3	3807.2	3993.1	4177.8	4383.5	4589.1	4816.8	5043.3
12.5°	2733.9	2830.7	2926.3	3097.9	3269.5	3491.6	3712.6	3941.4	4169.0	4369.2	4569.3
15°	2159.8	2265.4	2369.9	2551.3	2732.8	2976.9	3220.0	3469.6	3718.1	3957.9	4197.6
17.5°	1684.8	1771.6	1857.4	2011.4	2164.2	2400.7	2637.1	2898.8	3160.6	3453.1	3744.5
20°	1359.2	1395.5	1431.8	1542.9	1652.9	1845.3	2036.7	2303.9	2571.1	2920.8	3270.6
22.5°	1191.0	1209.7	1227.3	1281.2	1334.0	1458.2	1581.4	1817.8	2053.2	2434.8	2815.3
25°	1089.8	1104.1	1118.4	1153.6	1188.8	1248.2	1307.6	1473.6	1639.7	2014.7	2388.6
27.5°	998.5	1020.5	1041.4	1057.9	1073.3	1114.0	1153.6	1262.5	1371.3	1721.1	2069.7
30°	932.6	940.3	948.0	973.2	997.4	1039.2	1081.0	1156.9	1232.8	1528.6	1823.3
32.5°	855.6	866.6	877.6	904.0	930.4	968.8	1007.3	1068.9	1129.4	1382.3	1634.2
35°	786.3	797.3	808.3	834.7	860.0	901.8	942.5	994.1	1044.7	1264.7	1484.6
37.5°	743.4	754.4	765.4	788.5	810.5	852.3	893.0	933.7	973.2	1176.7	1380.1
40°	707.1	718.1	729.1	751.1	772.0	812.7	852.3	886.4	920.5	1110.7	1301.0
42.5°	675.2	687.3	699.4	721.4	742.3	778.6	814.9	860.0	904.0	1053.5	1202.0
45°	648.8	660.9	671.9	696.1	720.3	755.5	790.7	853.4	916.1	1023.8	1131.6
47.5°	624.6	637.8	649.9	676.3	702.7	746.7	789.6	842.4	894.1	1000.7	1107.4
50°	601.5	616.9	632.3	664.2	695.0	768.7	841.3	849.0	855.6	982.0	1107.4
52.5°	579.6	597.1	614.7	654.3	692.8	778.6	864.4	836.9	808.3	946.9	1085.4
55°	557.6	573.0	587.2	635.6	684.0	746.7	809.4	773.1	735.7	880.9	1026.0
57.5°	527.9	544.4	559.8	611.4	663.1	707.1	750.0	717.0	682.9	806.1	928.2
60°	497.1	515.8	534.5	600.4	665.3	657.6	648.8	642.2	634.5	722.5	810.5
62.5°	469.6	489.4	509.2	594.9	680.7	627.9	575.2	580.6	585.0	649.9	714.8
65°	442.1	461.9	480.6	523.5	566.4	545.5	524.6	533.4	541.1	604.8	668.6
67.5°	411.3	428.9	445.4	459.7	474.0	476.2	478.4	487.2	496.0	571.9	646.6
70°	377.2	391.5	405.8	415.7	424.5	428.9	432.2	443.2	454.2	536.7	619.1
72.5°	338.7	350.8	361.8	370.6	379.4	382.7	384.9	395.9	406.9	494.9	582.8
75°	296.9	306.8	315.6	323.3	331.0	335.4	339.8	347.5	355.2	450.9	545.5
77.5°	250.7	260.6	269.4	276.0	281.5	285.9	289.2	299.1	309.0	389.3	468.5
80°	195.7	207.8	218.8	224.3	228.7	229.8	229.8	238.6	247.4	304.6	360.7
82.5°	138.6	151.8	163.9	168.3	172.7	172.7	172.7	182.6	192.5	230.9	268.3
85°	81.4	95.7	108.9	113.3	117.7	119.9	121.0	125.4	128.7	156.2	182.6
87.5°	25.3	37.4	48.4	50.6	52.8	57.2	61.6	62.7	62.7	81.4	100.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320338  
 CATALOG NUMBER: GAN-SA4D-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: P320338

CATALOG NUMBER: GAN-SA4D-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8	8379.8
2.5°	8244.6	8356.7	8487.6	8617.4	8728.4	8839.5	8931.9
5°	7327.4	7552.8	7828.9	8103.8	8349.0	8594.3	8879.1
7.5°	6174.9	6466.3	6823.7	7181.1	7527.6	7872.9	8310.5
10°	5340.2	5636.0	6014.3	6391.5	6780.8	7169.0	7663.9
12.5°	4810.2	5049.9	5416.1	5782.3	6239.8	6696.2	7172.3
15°	4460.4	4722.2	5078.5	5434.8	5935.2	6435.5	6983.2
17.5°	4087.6	4429.7	4886.0	5342.4	5935.2	6526.8	7172.3
20°	3697.2	4122.8	4714.5	5306.1	6104.5	6901.8	7725.5
22.5°	3307.9	3800.6	4559.4	5317.1	6360.8	7403.3	8515.1
25°	2957.1	3525.7	4464.8	5402.9	6733.6	8063.1	9442.2
27.5°	2691.0	3311.2	4426.4	5540.4	7206.4	8872.5	10450.6
30°	2454.6	3085.8	4380.2	5674.5	7661.7	9647.8	11239.1
32.5°	2250.0	2865.9	4291.1	5715.2	7979.5	10243.8	11906.6
35°	2089.5	2694.3	4141.5	5588.8	8178.6	10768.4	12601.6
37.5°	1950.9	2521.6	3971.1	5420.5	8355.6	11290.8	13383.5
40°	1818.9	2336.9	3824.8	5311.6	8599.8	11887.9	14209.4
42.5°	1693.6	2185.1	3707.1	5229.1	8826.3	12422.4	14931.9
45°	1600.1	2068.6	3602.7	5135.7	8972.6	12809.5	15476.3
47.5°	1553.9	1999.3	3546.6	5092.8	9118.8	13143.8	15928.3
50°	1547.3	1987.2	3610.4	5233.5	9435.6	13636.5	16445.1
52.5°	1546.2	2007.0	3794.0	5581.1	10023.9	14465.7	17004.9
55°	1523.1	2019.1	4012.9	6005.5	10813.5	15620.4	18011.1
57.5°	1452.7	1977.3	4238.3	6498.2	11648.2	16797.1	19144.9
60°	1343.9	1876.1	4424.2	6971.1	12209.0	17445.9	19581.5
62.5°	1207.5	1699.1	4485.7	7271.3	12193.6	17116.0	19141.6
65°	1090.9	1513.2	4283.4	7052.5	11576.7	16099.8	18271.8
67.5°	987.5	1327.4	3777.5	6226.6	10467.1	14706.5	17165.5
70°	912.8	1205.3	3125.4	5045.5	9078.2	13109.7	15884.3
72.5°	865.5	1147.0	2548.0	3948.0	7367.0	10784.9	13587.0
75°	800.6	1055.7	1999.3	2941.7	5638.2	8334.7	10262.5
77.5°	679.6	889.7	1506.6	2123.6	4137.1	6149.6	7137.2
80°	524.6	687.3	1035.9	1384.5	2847.2	4309.8	4866.2
82.5°	373.9	479.5	627.9	776.4	1891.5	3005.5	3051.7
85°	230.9	279.3	359.6	439.9	1251.5	2063.1	1718.9
87.5°	124.3	148.5	190.3	230.9	400.3	569.7	327.7
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: P320338  
CATALOG NUMBER: GAN-SA4D-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)