

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: P320638

Luminaire Tested: **GAN-SA4B-740-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320638
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-SA4B-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 4000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20259 lumens
Efficiency: N/A
Efficacy: 118.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G4

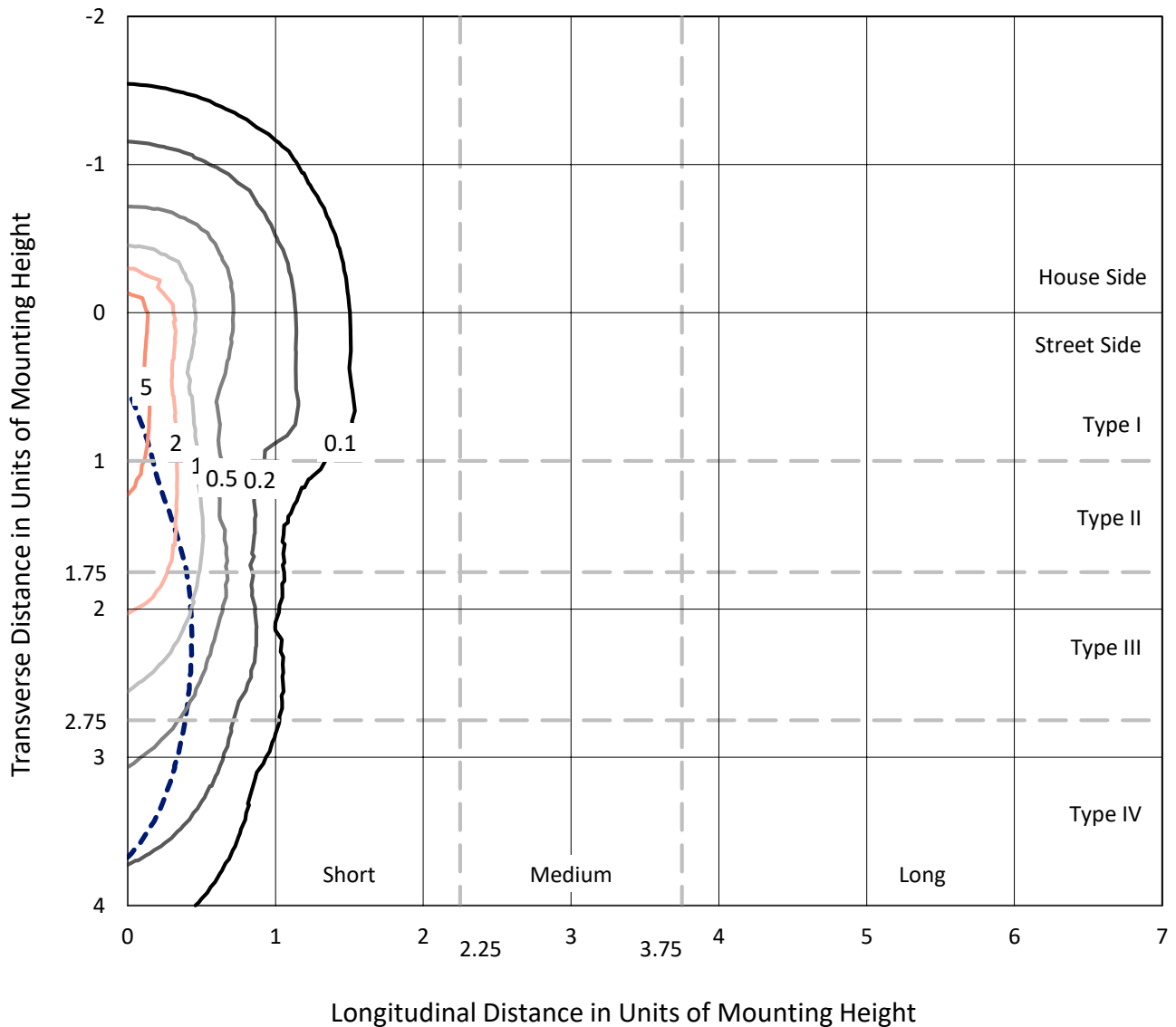
Input Watts (W): 171
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

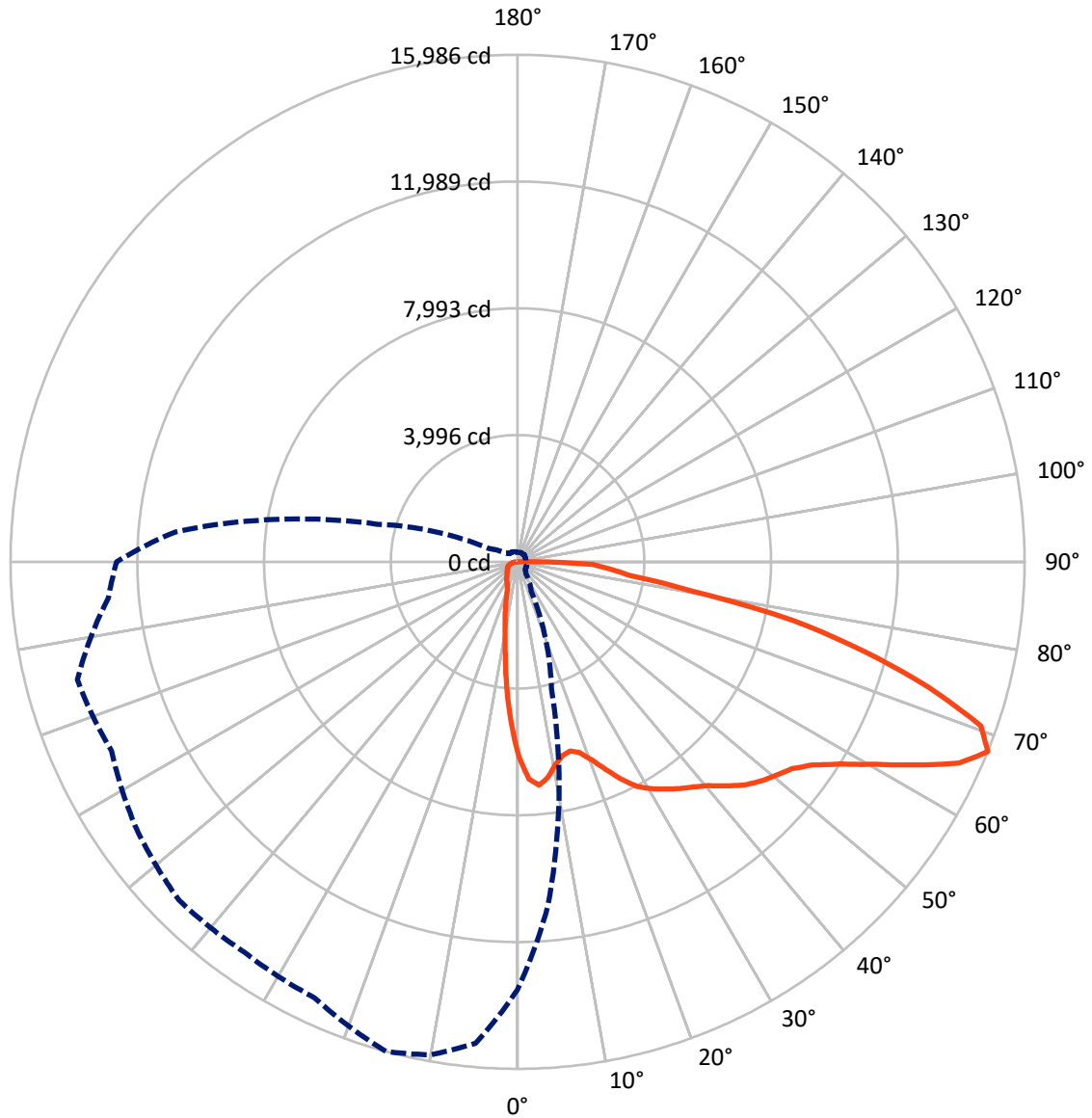
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.9 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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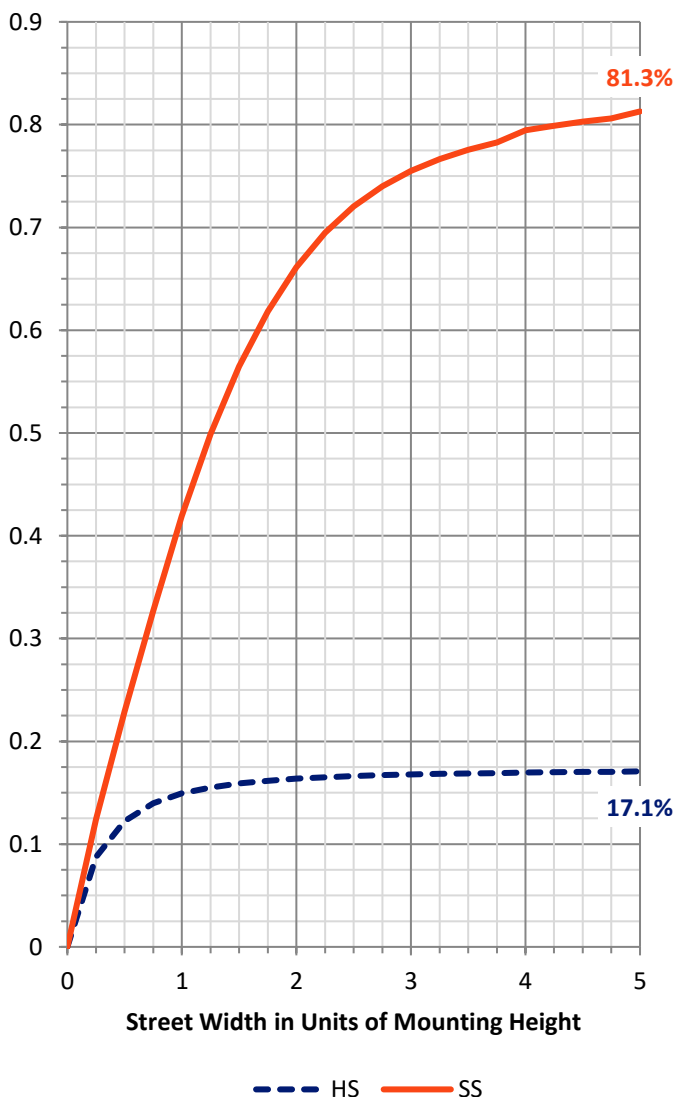
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3502.3	0.0	3502.3
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	16756.6	0.0	16756.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	20259.0	0.0	20259.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	476.3	2.4
10°-20°	989.5	4.9
20°-30°	1407.4	6.9
30°-40°	2028.0	10.0
40°-50°	2858.0	14.1
50°-60°	3973.1	19.6
60°-70°	4804.7	23.7
70°-80°	2953.4	14.6
80°-90°	768.5	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°	20259.0	100.0
0°-180°	20259.0	100.0

Coefficient of Utilization

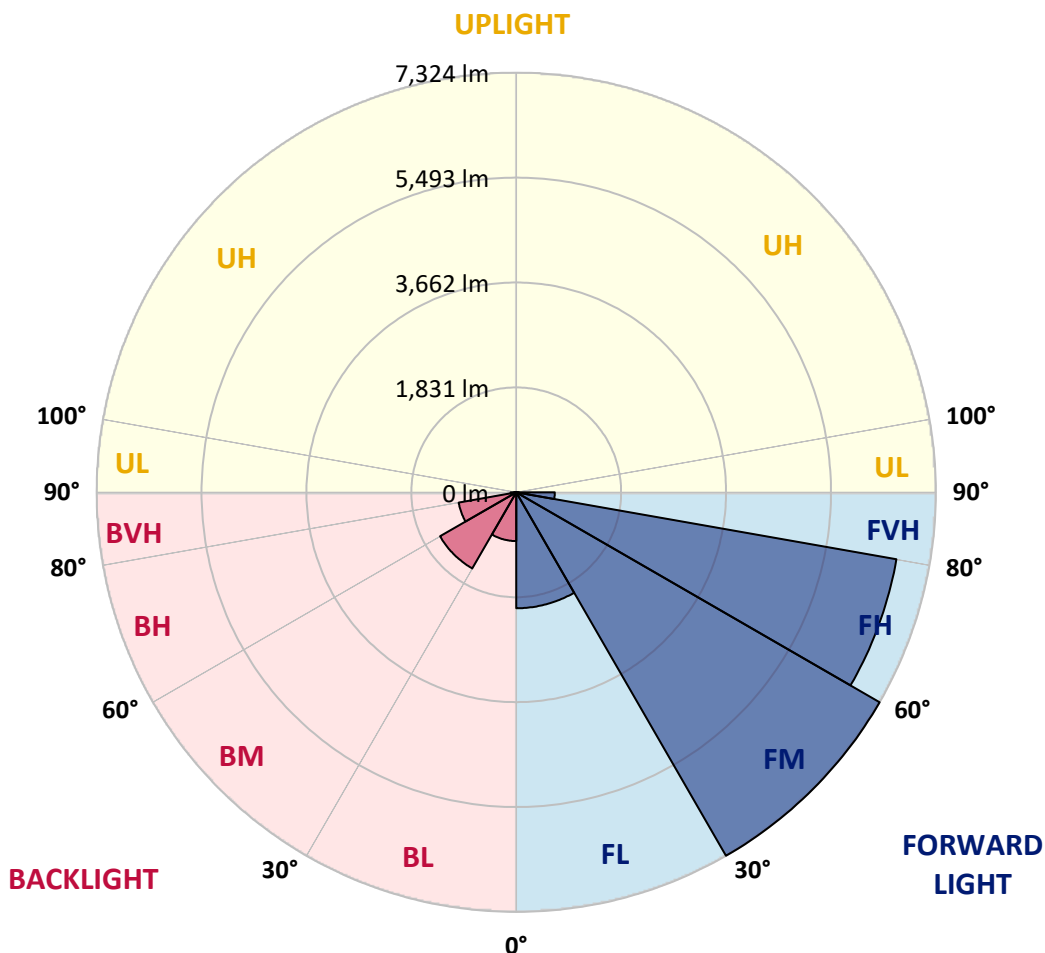


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2022.9	10.0			
FM (30°-60°)	7324.1	36.2			
FH (60°-80°)	6737.4	33.3			G3/7500
FVH (80°-90°)	672.2	3.3			G4/750
BL (0°-30°)	850.3	4.2	B2/1000		
BM (30°-60°)	1535.0	7.6	B2/2500		
BH (60°-80°)	1020.6	5.0	B3/2500		G3/2500
BVH (80°-90°)	96.3	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	6611.9	6553.5	6465.3	6377.0	6311.4	6244.9	6169.6	6094.3	6008.4	5921.8	5870.7
5°	6502.5	6340.5	6129.9	5919.3	5780.0	5640.7	5482.8	5324.8	5168.5	5012.2	4927.9
7.5°	6010.0	5767.1	5493.3	5219.5	5017.0	4813.7	4595.0	4375.5	4181.1	3985.9	3865.2
10°	5525.7	5234.1	4919.8	4604.7	4345.5	4086.3	3866.8	3646.5	3499.9	3353.3	3242.3
12.5°	5178.2	4855.0	4509.2	4162.5	3903.3	3644.1	3504.8	3365.5	3244.0	3122.5	2994.5
15°	5040.5	4675.2	4321.2	3966.5	3730.8	3495.1	3340.4	3184.8	3022.0	2858.4	2701.3
17.5°	5162.0	4734.3	4349.6	3964.9	3656.2	3347.6	3131.4	2914.3	2699.7	2485.0	2302.8
20°	5541.1	4995.1	4492.1	3988.3	3577.7	3167.0	2877.0	2586.3	2310.9	2035.5	1828.9
22.5°	6073.2	5350.7	4693.8	4036.9	3506.4	2975.1	2611.4	2246.9	1921.3	1595.7	1393.2
25°	6719.6	5822.1	4984.6	4146.3	3477.2	2807.4	2360.3	1913.2	1569.7	1225.5	1081.3
27.5°	7400.8	6384.3	5345.9	4306.7	3482.1	2657.5	2148.9	1639.4	1330.0	1020.6	921.8
30°	7968.6	7026.6	5767.1	4506.7	3500.7	2494.7	1949.6	1404.5	1149.4	894.2	830.2
32.5°	8487.8	7474.5	6084.6	4693.8	3521.8	2348.9	1795.7	1241.7	1033.5	824.6	771.9
35°	9024.0	7872.2	6306.5	4740.0	3485.3	2229.9	1690.4	1151.0	959.0	766.2	721.7
37.5°	9614.5	8302.3	6520.3	4737.6	3423.8	2110.0	1608.6	1106.4	910.4	713.6	681.2
40°	10273.0	8777.7	6752.0	4726.2	3367.9	2008.7	1547.9	1086.2	883.7	680.4	652.8
42.5°	10916.9	9231.3	6967.4	4703.6	3322.5	1940.7	1487.9	1035.2	859.4	682.8	643.9
45°	11400.5	9627.4	7154.5	4680.9	3288.5	1896.2	1441.0	985.7	836.7	687.7	638.3
47.5°	11767.4	10025.1	7361.9	4697.9	3285.3	1872.7	1407.7	942.8	793.8	643.9	623.7
50°	12233.9	10503.0	7664.0	4825.0	3329.8	1834.6	1368.9	902.3	752.5	602.6	630.2
52.5°	12814.7	11185.0	8132.2	5078.6	3423.0	1767.4	1307.3	847.2	702.3	556.5	599.4
55°	13667.6	12059.0	8730.8	5401.8	3535.6	1668.6	1214.2	759.0	635.8	511.9	550.0
57.5°	14433.0	12941.9	9305.0	5667.4	3606.0	1543.8	1096.7	649.6	561.3	473.0	494.9
60°	14774.0	13397.1	9574.0	5750.0	3563.9	1377.8	964.7	550.8	495.7	440.6	436.6
62.5°	14641.2	13107.9	9309.1	5510.3	3358.2	1206.1	848.0	490.0	448.7	406.6	397.7
65°	14252.4	12199.1	8567.2	4935.2	3010.7	1086.2	774.3	462.5	416.3	370.2	360.4
67.5°	13486.2	10905.6	7515.8	4126.0	2569.3	1012.5	732.2	452.0	396.1	339.4	328.0
70°	12110.8	9348.8	6304.9	3260.2	2114.0	967.1	704.7	442.2	374.2	305.4	294.8
72.5°	9947.4	7495.6	5034.8	2573.3	1767.4	961.4	701.4	441.4	356.4	271.3	261.6
75°	7122.2	5693.3	3843.4	1992.5	1447.4	902.3	665.8	429.3	332.1	234.1	225.2
77.5°	4792.6	3940.6	2671.3	1401.3	1074.0	746.8	559.7	372.6	284.3	196.0	187.1
80°	3077.9	2727.2	1790.1	852.9	696.6	540.3	400.1	260.0	207.4	153.9	146.6
82.5°	2258.2	2029.8	1244.1	458.4	387.2	315.1	244.6	174.1	141.7	109.3	106.1
85°	1435.3	1582.7	916.1	249.5	204.1	158.8	131.2	103.7	81.8	59.9	59.9
87.5°	278.6	385.6	253.5	120.7	88.3	55.9	47.8	38.9	21.9	4.0	4.9
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



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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°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	5818.9	5763.0	5707.1	5643.9	5579.9	5520.8	5460.9	5395.3	5407.4	5357.2	5307.0
5°	4843.7	4754.6	4664.7	4586.9	4509.2	4441.9	4373.9	4313.1	4365.8	4330.2	4294.5
7.5°	3743.7	3633.6	3522.6	3429.5	3336.3	3264.2	3191.3	3141.1	3192.9	3186.5	3180.0
10°	3131.4	3024.5	2916.7	2813.9	2711.0	2623.5	2535.2	2460.7	2447.8	2410.5	2372.4
12.5°	2865.7	2719.1	2571.7	2464.0	2356.2	2251.7	2147.3	2059.8	2020.1	1958.5	1896.2
15°	2544.1	2370.8	2197.5	2075.2	1952.1	1850.8	1748.7	1673.4	1648.3	1600.5	1552.7
17.5°	2120.5	1931.0	1741.5	1617.5	1492.8	1411.8	1330.0	1279.8	1279.8	1266.0	1252.2
20°	1622.4	1453.1	1283.8	1189.1	1094.3	1051.4	1007.6	986.6	993.0	993.8	993.8
22.5°	1189.9	1086.2	982.5	944.4	905.6	890.2	874.8	865.9	869.1	869.9	870.7
25°	937.1	897.5	857.0	837.5	817.3	807.5	797.8	794.6	801.9	802.7	802.7
27.5°	822.9	798.6	773.5	761.4	748.4	744.4	740.3	734.7	741.9	741.9	741.1
30°	765.4	739.5	713.6	698.2	682.8	684.4	685.2	683.6	688.5	691.7	694.2
32.5°	718.5	693.3	668.2	652.8	636.6	634.2	631.8	630.2	640.7	646.4	652.0
35°	676.3	648.8	621.3	606.7	592.1	586.4	580.8	576.7	586.4	593.7	601.0
37.5°	648.0	619.6	590.5	576.7	562.1	554.8	547.5	542.7	546.7	550.0	553.2
40°	625.3	596.1	566.2	550.0	533.8	526.5	519.2	515.1	517.6	518.4	519.2
42.5°	604.2	575.9	547.5	529.7	511.1	502.2	493.3	488.4	490.0	491.7	492.5
45°	588.9	560.5	531.3	510.3	488.4	478.7	469.0	463.3	464.1	464.1	464.1
47.5°	603.4	562.1	520.0	495.7	470.6	459.3	447.9	442.2	440.6	439.0	437.4
50°	656.9	586.4	515.1	484.4	452.8	440.6	427.7	421.2	417.1	415.5	413.9
52.5°	641.5	580.8	519.2	479.5	439.0	424.4	409.8	399.3	395.3	392.8	390.4
55°	587.2	549.2	510.3	462.5	414.7	401.7	388.0	380.7	373.4	371.8	370.2
57.5°	516.0	500.6	485.2	436.6	388.0	375.8	362.9	358.0	351.5	351.5	350.7
60°	431.7	454.4	477.1	421.2	364.5	350.7	337.0	332.9	330.5	329.7	328.9
62.5°	388.0	425.2	461.7	402.6	342.6	328.0	313.5	308.6	307.8	308.6	308.6
65°	350.7	362.1	373.4	345.9	318.3	303.7	288.4	283.5	285.1	287.5	290.0
67.5°	316.7	314.3	311.8	302.1	291.6	279.4	266.5	261.6	262.4	265.7	268.9
70°	284.3	281.1	277.0	269.7	262.4	251.9	241.4	238.1	237.3	241.4	244.6
72.5°	251.9	247.9	243.0	237.3	230.8	221.9	213.0	210.6	211.4	213.8	216.3
75°	216.3	213.0	209.0	204.1	198.4	190.3	182.2	180.6	182.2	184.7	187.1
77.5°	177.4	176.6	175.0	170.9	166.9	157.9	148.2	147.4	149.8	152.3	153.9
80°	138.5	139.3	140.1	136.9	133.6	123.9	113.4	112.6	115.0	117.4	119.9
82.5°	102.1	104.5	106.1	102.1	98.0	86.7	75.3	73.7	81.8	84.2	86.7
85°	59.1	62.4	65.6	62.4	59.1	47.8	36.4	35.6	42.9	47.0	51.0
87.5°	4.9	6.5	8.1	7.3	6.5	3.2	0.0	0.0	0.8	4.0	7.3
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: P320638
 CATALOG NUMBER: GAN-SA4B-740-U-SLR

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: P320638

CATALOG NUMBER: GAN-SA4B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	5275.4	5243.8	5234.1	5224.4	5188.7	5152.3	5189.5	5226.0	5241.4	5256.8	5217.1
5°	4289.7	4284.0	4284.0	4283.2	4250.8	4217.6	4242.7	4267.0	4212.7	4158.4	4152.8
7.5°	3214.8	3249.6	3278.0	3305.5	3295.0	3284.5	3308.0	3331.4	3262.6	3192.9	3158.9
10°	2380.5	2387.8	2418.6	2449.4	2456.7	2463.1	2492.3	2520.7	2467.2	2413.7	2390.2
12.5°	1857.3	1818.4	1822.5	1825.7	1840.3	1854.0	1884.8	1914.8	1892.9	1870.2	1872.7
15°	1504.1	1454.7	1434.5	1413.4	1429.6	1445.8	1467.7	1488.7	1489.6	1489.6	1510.6
17.5°	1227.9	1202.8	1182.6	1161.5	1183.4	1204.4	1206.9	1209.3	1210.1	1210.9	1209.3
20°	1006.0	1018.1	1011.7	1005.2	1013.3	1020.6	1027.1	1032.7	1025.4	1017.3	997.1
22.5°	882.1	892.6	900.7	908.0	921.8	934.7	928.2	920.9	906.4	891.0	875.6
25°	810.0	817.3	825.4	833.5	844.8	855.3	844.0	832.7	822.1	811.6	801.1
27.5°	749.2	756.5	763.8	770.3	780.8	790.5	780.0	769.5	760.6	751.7	743.6
30°	699.8	704.7	710.4	716.0	725.7	734.7	725.7	716.0	709.5	702.3	696.6
32.5°	657.7	662.6	665.0	667.4	676.3	685.2	678.8	672.3	666.6	660.9	656.9
35°	611.5	621.3	622.9	624.5	633.4	642.3	638.3	633.4	626.9	620.4	613.2
37.5°	564.6	575.9	582.4	588.0	597.0	605.9	601.8	597.8	588.9	579.9	567.0
40°	524.9	529.7	541.9	553.2	567.8	581.6	573.5	564.6	550.8	537.0	530.5
42.5°	491.7	490.8	502.2	513.5	535.4	556.5	541.9	527.3	514.3	501.4	499.8
45°	462.5	460.1	465.7	471.4	494.9	517.6	503.0	487.6	480.3	473.0	473.0
47.5°	436.6	435.0	439.0	442.2	456.8	470.6	463.3	456.0	452.0	447.9	448.7
50°	413.1	411.5	415.5	418.8	424.4	429.3	430.9	431.7	429.3	426.9	428.5
52.5°	391.2	391.2	392.8	393.7	400.9	408.2	408.2	407.4	407.4	407.4	409.0
55°	372.6	374.2	374.2	374.2	385.6	396.1	392.8	389.6	390.4	390.4	392.0
57.5°	354.0	356.4	358.0	359.6	371.0	382.3	379.1	375.8	375.8	375.8	376.6
60°	332.9	336.1	339.4	342.6	354.0	365.3	362.1	358.0	358.8	359.6	360.4
62.5°	312.7	315.9	319.1	322.4	333.7	345.1	341.8	337.8	340.2	341.8	341.8
65°	293.2	295.6	298.9	302.1	312.7	323.2	319.9	316.7	319.9	322.4	324.0
67.5°	271.3	273.0	276.2	279.4	290.0	300.5	297.3	293.2	297.3	300.5	303.7
70°	246.2	247.9	251.9	255.1	265.7	276.2	272.2	268.1	272.2	276.2	279.4
72.5°	218.7	220.3	224.4	227.6	239.8	251.9	247.0	242.2	247.0	251.9	253.5
75°	188.7	190.3	195.2	199.3	211.4	223.6	219.5	214.6	218.7	222.7	223.6
77.5°	156.3	158.8	165.2	171.7	181.4	191.2	188.7	186.3	188.7	191.2	191.2
80°	122.3	124.7	132.8	140.1	145.8	151.5	152.3	153.1	153.9	154.7	153.9
82.5°	90.7	94.0	101.2	108.5	108.5	108.5	115.0	120.7	120.7	119.9	119.1
85°	55.9	59.9	66.4	72.9	68.8	64.8	75.3	85.0	85.0	84.2	82.6
87.5°	11.3	15.4	21.9	27.5	23.5	19.4	30.0	40.5	41.3	41.3	39.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320638
 CATALOG NUMBER: GAN-SA4B-740-U-SLR

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: P320638
 CATALOG NUMBER: GAN-SA4B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	5176.6	5239.8	5302.1	5318.3	5342.6	5353.2	5362.9	5442.3	5520.8	5613.2	5705.5
5°	4146.3	4193.3	4240.2	4247.5	4272.6	4285.6	4298.6	4394.9	4490.5	4619.3	4748.1
7.5°	3124.9	3136.2	3147.6	3146.0	3167.0	3195.4	3222.9	3325.8	3427.8	3566.3	3704.0
10°	2366.8	2392.7	2417.8	2441.3	2487.4	2540.9	2593.6	2698.9	2804.1	2941.0	3077.1
12.5°	1875.1	1905.1	1934.2	1960.2	2013.6	2084.9	2155.4	2281.7	2408.1	2571.7	2734.5
15°	1530.9	1528.4	1526.0	1543.8	1590.8	1668.6	1745.5	1879.2	2012.8	2192.6	2371.6
17.5°	1207.7	1195.5	1183.4	1197.1	1240.9	1304.9	1368.1	1481.5	1594.0	1768.2	1942.3
20°	976.8	968.7	960.6	973.6	1001.1	1027.9	1054.6	1136.4	1217.4	1359.1	1500.1
22.5°	859.4	858.6	857.0	864.2	877.2	891.0	903.9	943.6	982.5	1074.0	1164.8
25°	790.5	789.7	788.9	792.2	802.7	813.2	823.7	849.7	875.6	919.3	963.1
27.5°	735.5	733.8	732.2	733.0	735.5	751.7	767.1	779.2	790.5	820.5	849.7
30°	690.9	690.1	689.3	689.3	686.9	692.5	698.2	716.8	734.7	765.4	796.2
32.5°	652.8	648.8	644.7	635.8	630.2	638.3	646.4	665.8	685.2	713.6	741.9
35°	605.1	594.5	583.2	578.3	579.1	587.2	595.3	614.8	633.4	664.2	694.2
37.5°	553.2	550.0	545.9	545.1	547.5	555.6	563.7	580.8	597.0	627.7	657.7
40°	524.1	522.4	520.8	519.2	520.8	528.9	537.0	553.2	568.6	598.6	627.7
42.5°	498.1	497.3	496.5	496.5	497.3	506.2	515.1	531.3	546.7	573.5	600.2
45°	473.0	473.8	473.8	475.5	477.9	486.8	494.9	512.7	530.5	556.5	582.4
47.5°	449.5	452.0	453.6	457.6	460.1	469.8	478.7	498.1	517.6	550.0	581.6
50°	429.3	431.7	433.3	436.6	443.1	454.4	465.7	489.2	511.9	566.2	619.6
52.5°	410.7	413.1	415.5	418.8	426.9	439.8	452.8	481.9	510.3	573.5	636.6
55°	393.7	396.1	397.7	402.6	410.7	422.0	432.5	468.2	503.8	550.0	596.1
57.5°	377.5	379.9	381.5	384.7	388.8	400.9	412.3	450.3	488.4	520.8	552.4
60°	360.4	362.1	362.9	362.9	366.1	379.9	393.7	442.2	490.0	484.4	477.9
62.5°	341.8	343.4	344.2	341.8	345.9	360.4	375.0	438.2	501.4	462.5	423.6
65°	324.8	324.0	323.2	320.8	325.6	340.2	354.0	385.6	417.1	401.7	386.4
67.5°	306.2	303.7	301.3	298.1	302.9	315.9	328.0	338.6	349.1	350.7	352.3
70°	282.7	279.4	276.2	275.4	277.8	288.4	298.9	306.2	312.7	315.9	318.3
72.5°	255.1	252.7	250.3	248.7	249.5	258.4	266.5	273.0	279.4	281.9	283.5
75°	224.4	224.4	223.6	218.7	218.7	226.0	232.5	238.1	243.8	247.0	250.3
77.5°	191.2	192.0	192.0	185.5	184.7	192.0	198.4	203.3	207.4	210.6	213.0
80°	153.1	151.5	149.8	145.8	144.2	153.1	161.2	165.2	168.5	169.3	169.3
82.5°	117.4	114.2	110.2	101.2	102.1	111.8	120.7	123.9	127.2	127.2	127.2
85°	80.2	73.7	66.4	59.1	59.9	70.5	80.2	83.4	86.7	88.3	89.1
87.5°	38.1	31.6	24.3	18.6	18.6	27.5	35.6	37.3	38.9	42.1	45.4
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: P320638
 CATALOG NUMBER: GAN-SA4B-740-U-SLR

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: P320638
 CATALOG NUMBER: GAN-SA4B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	5776.0	5845.6	5917.7	5989.8	6072.4	6155.0	6251.4	6347.0	6428.8	6510.6	6578.7
5°	4859.1	4970.0	5100.4	5230.8	5396.9	5562.9	5766.2	5968.7	6149.4	6330.0	6539.8
7.5°	3849.0	3993.2	4163.3	4333.4	4548.0	4762.7	5025.9	5289.2	5544.3	5798.6	6121.0
10°	3228.6	3380.0	3547.7	3714.6	3933.3	4151.1	4429.8	4707.6	4994.3	5280.3	5644.7
12.5°	2903.0	3070.6	3218.0	3365.5	3542.9	3719.4	3989.1	4258.9	4595.8	4932.0	5282.7
15°	2555.5	2738.5	2915.1	3091.7	3285.3	3478.1	3740.5	4002.9	4371.5	4740.0	5143.4
17.5°	2135.1	2327.9	2543.3	2758.0	3010.7	3262.6	3598.7	3934.9	4371.5	4807.2	5282.7
20°	1696.9	1893.7	2151.3	2408.9	2723.2	3036.6	3472.4	3908.2	4496.2	5083.4	5690.1
22.5°	1338.9	1512.2	1793.3	2073.5	2436.4	2799.3	3358.2	3916.3	4684.9	5452.8	6271.7
25°	1085.4	1207.7	1483.9	1759.3	2178.0	2596.8	3288.5	3979.4	4959.5	5938.8	6954.5
27.5°	929.9	1010.0	1267.6	1524.4	1982.0	2438.8	3260.2	4080.7	5307.8	6534.9	7697.2
30°	852.1	908.0	1125.9	1342.9	1807.9	2272.8	3226.1	4179.5	5643.1	7106.0	8278.0
32.5°	787.3	831.8	1018.1	1203.6	1657.2	2110.8	3160.5	4209.5	5877.2	7545.0	8769.6
35°	732.2	769.5	931.5	1093.5	1539.0	1984.5	3050.4	4116.3	6023.8	7931.3	9281.6
37.5°	687.7	716.8	866.7	1016.5	1436.9	1857.3	2924.8	3992.4	6154.2	8316.1	9857.5
40°	652.8	678.0	818.1	958.2	1339.7	1721.2	2817.1	3912.2	6334.0	8755.9	10465.7
42.5°	633.4	665.8	776.0	885.3	1247.4	1609.4	2730.4	3851.5	6500.9	9149.5	10997.9
45°	628.5	674.7	754.1	833.5	1178.5	1523.6	2653.5	3782.6	6608.6	9434.6	11398.8
47.5°	620.4	658.5	737.1	815.6	1144.5	1472.5	2612.2	3751.0	6716.4	9680.9	11731.7
50°	625.3	630.2	723.3	815.6	1139.6	1463.6	2659.2	3854.7	6949.6	10043.7	12112.4
52.5°	616.4	595.3	697.4	799.4	1138.8	1478.2	2794.4	4110.6	7383.0	10654.5	12524.7
55°	569.4	541.9	648.8	755.7	1121.8	1487.1	2955.6	4423.3	7964.5	11505.0	13265.8
57.5°	528.1	503.0	593.7	683.6	1070.0	1456.3	3121.7	4786.2	8579.3	12371.6	14100.9
60°	473.0	467.4	532.2	597.0	989.8	1381.8	3258.5	5134.5	8992.4	12849.5	14422.5
62.5°	427.7	430.9	478.7	526.5	889.4	1251.4	3303.9	5355.6	8981.1	12606.5	14098.5
65°	392.8	398.5	445.5	492.5	803.5	1114.5	3154.9	5194.4	8526.7	11858.1	13457.8
67.5°	358.8	365.3	421.2	476.3	727.4	977.6	2782.3	4586.1	7709.4	10831.9	12643.0
70°	326.4	334.5	395.3	456.0	672.3	887.7	2302.0	3716.2	6686.4	9655.8	11699.3
72.5°	291.6	299.7	364.5	429.3	637.5	844.8	1876.7	2907.8	5426.1	7943.5	10007.3
75°	256.0	261.6	332.1	401.7	589.7	777.6	1472.5	2166.7	4152.8	6138.8	7558.7
77.5°	220.3	227.6	286.7	345.1	500.6	655.3	1109.7	1564.1	3047.1	4529.4	5256.8
80°	175.8	182.2	224.4	265.7	386.4	506.2	763.0	1019.8	2097.0	3174.3	3584.2
82.5°	134.5	141.7	170.1	197.6	275.4	353.2	462.5	571.8	1393.2	2213.7	2247.7
85°	92.3	94.8	115.0	134.5	170.1	205.7	264.9	324.0	921.8	1519.5	1266.0
87.5°	46.2	46.2	59.9	73.7	91.5	109.3	140.1	170.1	294.8	419.6	241.4
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: P320638
 CATALOG NUMBER: GAN-SA4B-740-U-SLR

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: P320638

CATALOG NUMBER: GAN-SA4B-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	6665.3	6724.5	6784.4	6829.7	6875.9	6942.3	7008.8	7020.9	7033.9	7007.9	6982.0
5°	6751.2	6930.2	7110.0	7276.0	7442.1	7541.7	7641.3	7661.6	7681.8	7619.5	7556.3
7.5°	6432.9	6744.7	7056.5	7342.5	7628.4	7801.7	7975.9	8014.7	8054.4	7952.4	7850.3
10°	6007.6	6390.7	6773.9	7150.5	7527.1	7779.0	8030.9	8081.2	8131.4	8004.2	7877.1
12.5°	5678.8	6087.8	6496.8	6893.7	7291.4	7552.2	7813.1	7875.4	7937.8	7845.5	7752.3
15°	5577.5	5962.3	6347.0	6692.9	7039.5	7252.6	7466.4	7491.5	7517.4	7502.8	7488.3
17.5°	5761.4	6108.9	6457.2	6645.1	6833.8	6918.8	7004.7	7032.2	7060.6	7097.0	7134.3
20°	6206.9	6451.5	6696.9	6688.8	6679.9	6638.6	6596.5	6589.2	6581.9	6686.4	6791.7
22.5°	6871.9	6969.1	7067.1	6839.5	6611.9	6473.4	6334.0	6306.5	6278.2	6389.1	6500.9
25°	7593.6	7575.7	7557.1	7123.8	6689.6	6425.6	6161.5	6130.7	6100.0	6194.7	6290.3
27.5°	8308.0	8191.3	8074.7	7485.8	6897.0	6513.9	6130.7	6100.0	6069.2	6153.4	6237.7
30°	8832.0	8644.9	8457.8	7791.2	7124.6	6669.4	6214.2	6163.9	6112.9	6216.6	6320.3
32.5°	9241.1	8990.0	8738.9	8039.0	7339.2	6846.8	6354.3	6275.7	6197.2	6335.7	6474.2
35°	9649.3	9296.1	8942.2	8260.2	7577.4	7056.5	6534.9	6438.5	6342.1	6532.5	6722.8
37.5°	10162.8	9655.8	9147.9	8508.8	7869.8	7370.8	6871.1	6772.2	6673.4	6915.6	7158.6
40°	10720.1	10043.7	9367.4	8781.0	8194.6	7805.8	7416.2	7322.2	7227.4	7522.3	7817.1
42.5°	11183.4	10405.0	9626.6	9109.0	8590.6	8316.9	8042.3	8041.5	8039.9	8338.7	8637.6
45°	11560.0	10706.3	9851.8	9429.0	9005.4	8862.8	8720.2	8834.4	8948.7	9218.4	9488.9
47.5°	11841.1	10959.0	10076.1	9795.1	9514.0	9535.1	9556.1	9788.6	10021.1	10194.4	10368.5
50°	12024.1	11188.2	10351.5	10264.9	10178.2	10366.9	10556.5	10822.9	11090.2	11208.5	11326.8
52.5°	12290.6	11499.3	10707.1	10804.3	10901.5	11287.1	11672.6	11942.3	12212.1	12255.8	12300.4
55°	12907.0	12071.1	11234.4	11420.7	11607.8	12173.2	12739.4	12950.0	13160.5	13176.7	13192.9
57.5°	13782.6	12872.2	11961.8	12162.7	12363.5	13016.4	13670.0	13896.8	14124.4	14092.8	14060.4
60°	14437.9	13632.8	12826.8	13029.3	13231.8	13868.5	14505.1	14765.9	15027.6	14957.9	14888.2
62.5°	14478.4	14048.3	13617.4	13800.4	13984.3	14608.0	15231.7	15499.8	15767.9	15646.4	15524.9
65°	13834.5	14027.2	14220.0	14280.8	14341.5	14923.1	15505.4	15710.4	15916.1	15854.5	15793.0
67.5°	12947.5	13657.9	14369.0	14246.7	14124.4	14397.4	14670.4	14881.8	15093.2	15058.3	15022.7
70°	12062.2	13010.7	13959.2	13358.2	12756.4	12643.8	12531.2	12758.8	12987.2	12846.3	12704.5
72.5°	10554.8	11565.7	12577.4	11470.1	10362.9	9978.1	9593.4	9882.6	10171.7	9947.4	9722.2
75°	8285.3	9402.2	10520.0	9198.9	7877.9	7364.3	6850.8	7099.5	7348.1	7194.2	7039.5
77.5°	6168.0	7268.8	8369.5	7026.6	5682.8	5301.3	4919.0	4992.7	5067.2	5041.3	5014.6
80°	4183.5	4950.6	5718.5	4824.2	3930.0	3959.2	3989.1	3954.3	3918.7	3970.5	4022.4
82.5°	2669.7	3261.8	3854.7	3380.0	2905.4	3177.6	3449.7	3316.1	3181.6	3231.0	3281.2
85°	1523.6	2102.7	2682.7	2500.4	2317.4	2476.1	2635.7	2428.3	2221.0	2311.7	2403.2
87.5°	401.7	1163.1	1925.3	1747.9	1570.6	1364.8	1159.1	884.5	609.9	891.0	1172.0
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: P320638
 CATALOG NUMBER: GAN-SA4B-740-U-SLR

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



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0	6172.0
2.5°	6968.3	6954.5	6905.1	6854.9	6780.3	6718.8	6611.9
5°	7468.8	7381.3	7230.7	7079.2	6910.7	6717.2	6502.5
7.5°	7646.2	7441.3	7152.1	6862.1	6601.3	6295.2	6010.0
10°	7570.9	7263.9	6888.1	6511.4	6194.7	5842.4	5525.7
12.5°	7426.7	7100.3	6686.4	6271.7	5911.2	5533.0	5178.2
15°	7228.3	6967.4	6579.5	6191.5	5828.6	5460.9	5040.5
17.5°	7011.2	6887.3	6607.0	6325.9	6011.7	5655.3	5162.0
20°	6836.2	6881.6	6769.8	6658.0	6406.1	6095.1	5541.1
22.5°	6718.0	6935.9	7021.7	7108.4	6956.9	6713.9	6073.2
25°	6651.6	7012.8	7300.3	7588.7	7521.5	7334.4	6719.6
27.5°	6680.7	7123.8	7570.1	8017.2	8079.5	8027.7	7400.8
30°	6768.2	7216.9	7760.4	8304.7	8553.4	8623.0	7968.6
32.5°	6914.0	7353.8	7945.9	8538.8	8914.6	9136.6	8487.8
35°	7134.3	7545.8	8163.0	8780.2	9266.2	9671.2	9024.0
37.5°	7512.6	7866.5	8435.9	9006.2	9636.3	10244.6	9614.5
40°	8066.6	8316.9	8798.0	9279.9	10072.9	10894.2	10273.0
42.5°	8765.6	8894.4	9275.9	9657.4	10528.9	11483.9	10916.9
45°	9522.9	9556.9	9796.7	10037.3	10890.2	11885.6	11400.5
47.5°	10251.9	10135.3	10230.9	10326.4	11167.2	12172.4	11767.4
50°	11002.0	10677.2	10626.9	10576.7	11444.2	12510.1	12233.9
52.5°	11765.0	11229.6	11031.1	10831.9	11774.7	12958.1	12814.7
55°	12511.8	11830.6	11563.3	11296.0	12280.1	13504.8	13667.6
57.5°	13288.5	12516.6	12268.8	12020.9	13022.9	14197.3	14433.0
60°	14124.4	13359.8	13161.4	12962.1	13946.2	14945.7	14774.0
62.5°	14917.4	14309.9	14205.4	14100.1	14880.1	15520.8	14641.2
65°	15447.1	15100.5	15197.6	15295.7	15586.4	15664.2	14252.4
67.5°	15093.2	15163.6	15574.3	15985.8	15785.7	15238.1	13486.2
70°	13126.5	13549.3	14522.1	15495.7	15051.9	14096.9	12110.8
72.5°	10196.8	10672.3	12116.5	13561.5	13152.4	11982.8	9947.4
75°	7575.7	8112.8	9706.8	11300.8	10733.0	8963.2	7122.2
77.5°	5374.2	5733.8	7307.6	8882.2	7956.4	5966.3	4792.6
80°	3912.2	3802.0	4679.3	5556.5	5402.6	3946.2	3077.9
82.5°	3012.3	2743.4	3156.5	3569.6	3546.9	2738.5	2258.2
85°	2295.5	2187.8	2553.1	2918.4	2605.7	1854.9	1435.3
87.5°	1338.1	1504.9	1935.0	2366.0	1775.5	562.9	278.6
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: P320638
 CATALOG NUMBER: GAN-SA4B-740-U-SLR

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)