

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: P320312

Luminaire Tested: **GAN-SA8A-740-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320312
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-SA8A-740-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 4000K, 615mA 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: 32823 lumens
Efficiency: N/A
Efficacy: 127.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

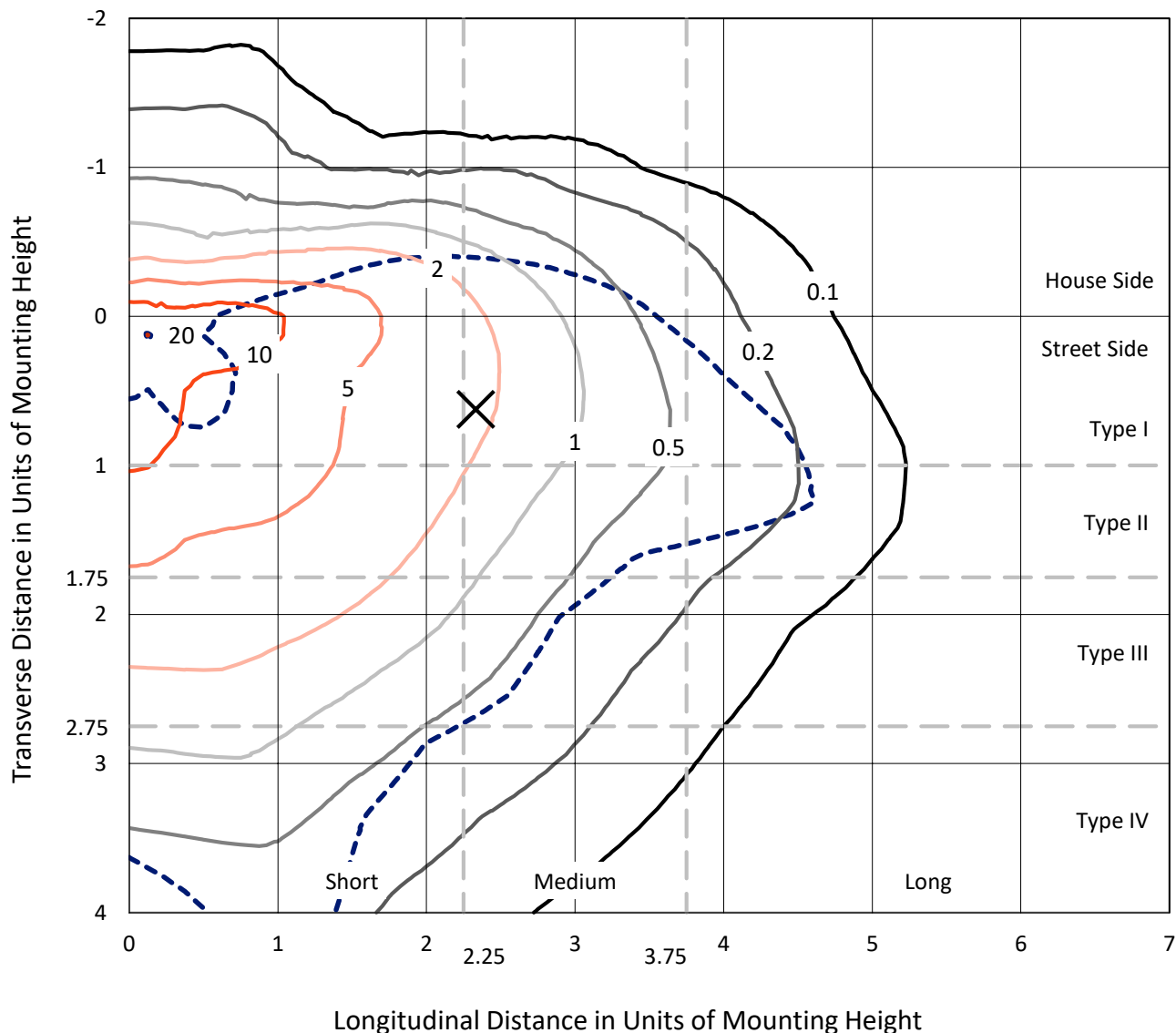
Input Watts (W): 257
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

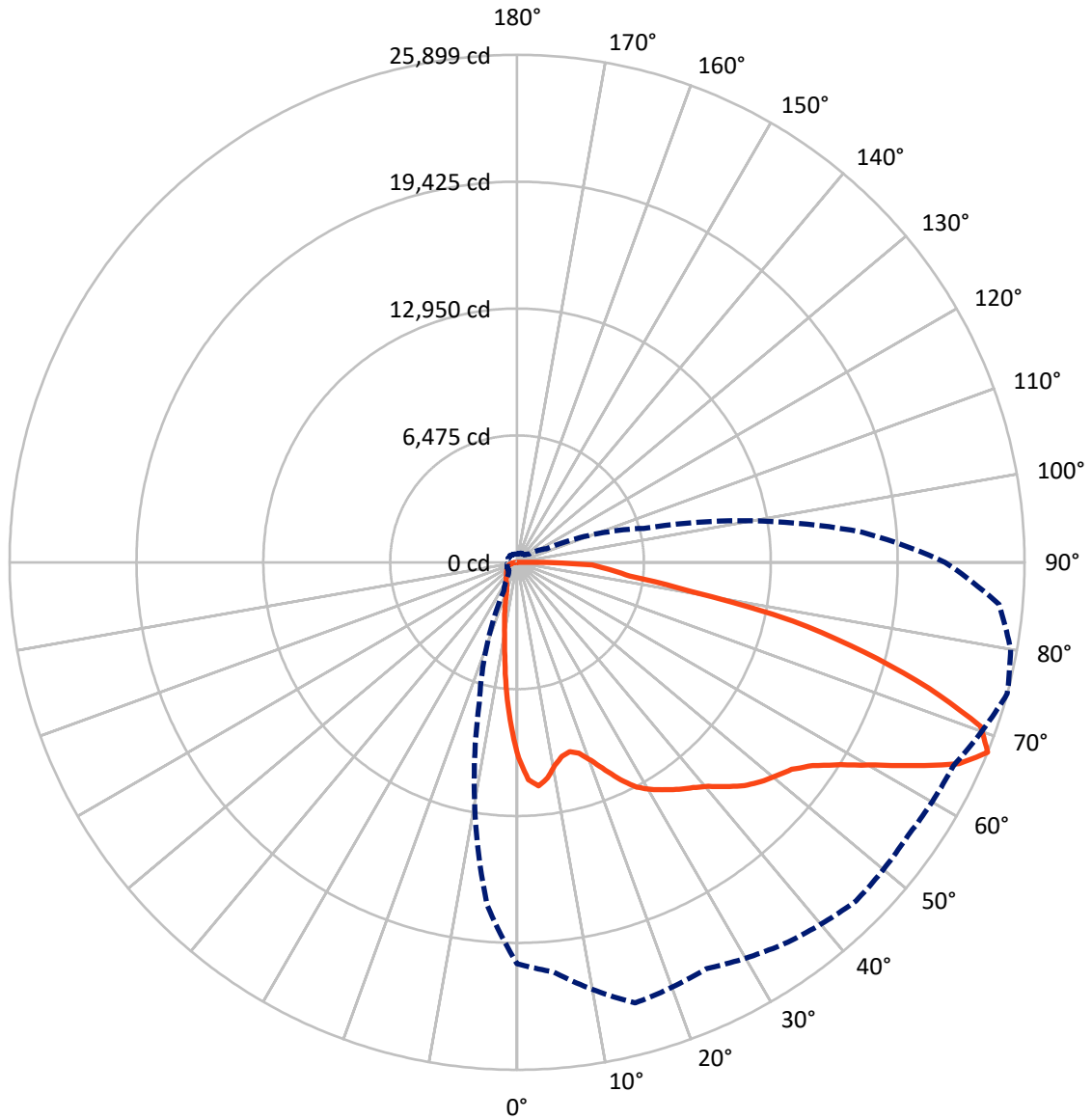
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 20.1 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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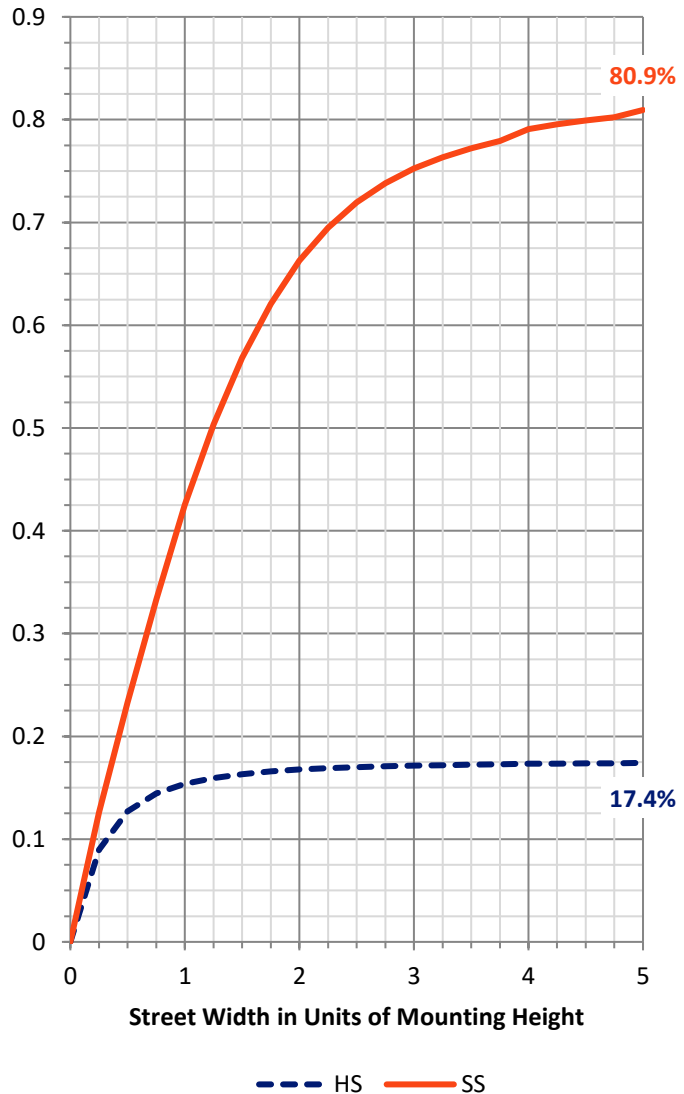
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5780.9	0.0	5780.9
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	27042.1	0.0	27042.1
	% Fixture	82.4	0.0	82.4
Total	Lumens	32823.0	0.0	32823.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	771.7	2.4
10°-20°	1603.2	4.9
20°-30°	2280.2	6.9
30°-40°	3285.7	10.0
40°-50°	4630.5	14.1
50°-60°	6437.2	19.6
60°-70°	7784.4	23.7
70°-80°	4785.0	14.6
80°-90°	1245.1	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°	32823.0	100.0
0°-180°	32823.0	100.0

Coefficient of Utilization

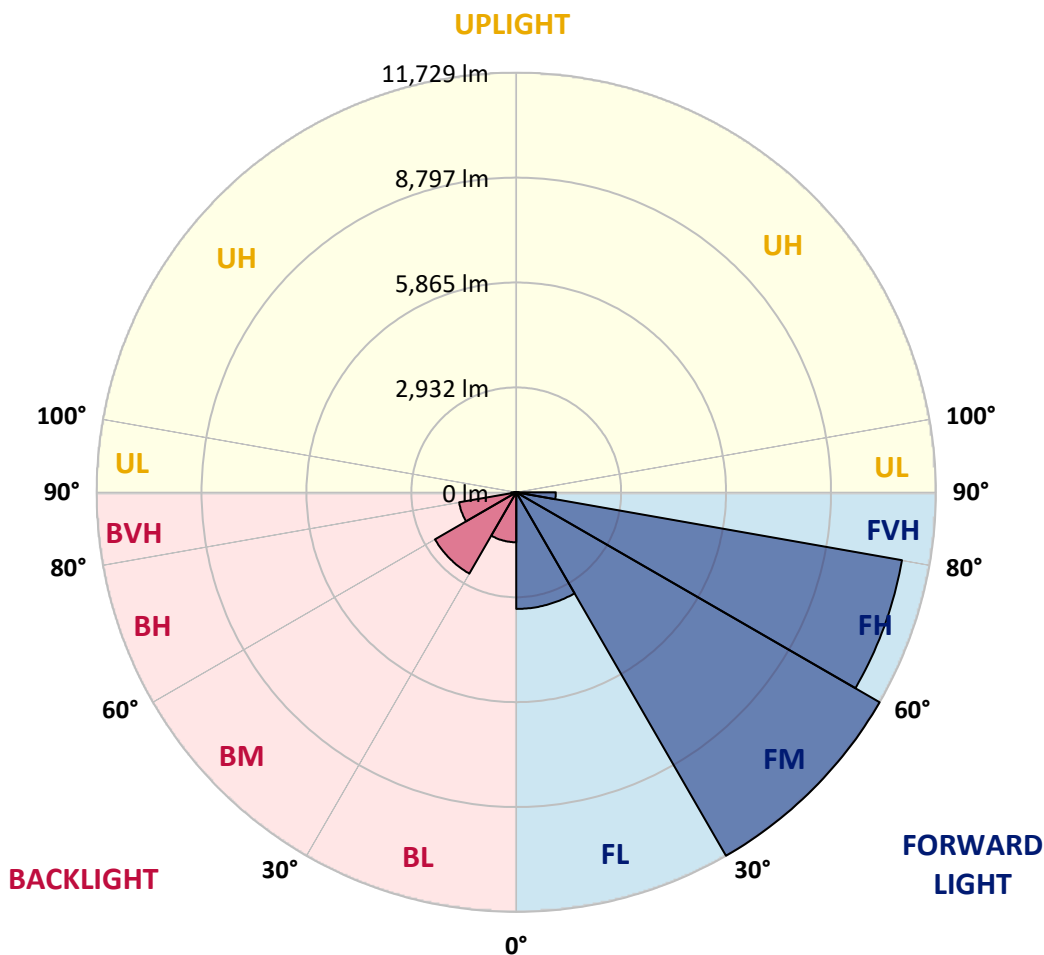


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3259.0	9.9			
FM (30°-60°)	11729.2	35.7			
FH (60°-80°)	10948.7	33.4			G4/12000
FVH (80°-90°)	1105.2	3.4			G5
BL (0°-30°)	1396.2	4.3	B3/2500		
BM (30°-60°)	2624.1	8.0	B3/5000		
BH (60°-80°)	1620.8	4.9	B3/2500		G3/2500
BVH (80°-90°)	139.9	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°	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7
2.5°	10658.5	10798.9	10896.0	10991.8	11066.6	11140.1	11247.7	11355.3	11376.3	11396.0	11354.0
5°	10595.5	10938.0	11229.3	11519.3	11788.3	12057.4	12218.8	12380.2	12413.0	12445.8	12344.8
7.5°	9917.0	10422.2	10927.5	11432.7	11895.9	12359.2	12641.3	12922.2	12986.5	13049.5	12884.1
10°	9145.4	9733.3	10354.0	10974.7	11584.9	12195.1	12603.3	13011.4	13092.8	13174.1	12968.1
12.5°	8558.8	9200.5	9863.2	10525.9	11170.2	11813.3	12235.8	12658.4	12759.4	12860.5	12710.9
15°	8333.1	9036.5	9659.8	10283.1	10844.8	11405.1	11751.6	12096.7	12138.7	12179.4	12155.8
17.5°	8558.8	9334.3	9898.6	10461.6	10767.4	11071.8	11210.9	11348.7	11394.6	11439.3	11499.6
20°	9218.9	10056.1	10453.7	10850.0	10836.9	10822.5	10755.6	10687.3	10675.5	10663.7	10834.3
22.5°	10161.1	11133.5	11292.3	11449.8	11081.0	10712.3	10487.9	10262.1	10217.5	10171.6	10352.7
25°	11267.4	12302.8	12273.9	12243.7	11541.6	10838.2	10410.4	9982.6	9932.8	9882.9	10037.7
27.5°	12470.7	13460.2	13271.2	13082.3	12128.2	11174.2	10553.5	9932.8	9882.9	9833.0	9969.5
30°	13411.6	14309.3	14006.1	13703.0	12623.0	11542.9	10805.4	10067.9	9986.6	9903.9	10071.9
32.5°	14208.2	14972.0	14565.2	14158.3	13024.5	11890.7	11092.8	10294.9	10167.7	10040.4	10264.8
35°	15037.6	15633.4	15061.2	14487.7	13382.8	12276.5	11432.7	10587.6	10431.4	10275.3	10583.7
37.5°	15970.6	16465.4	15643.9	14821.0	13785.6	12750.2	11941.9	11132.2	10972.1	10812.0	11205.7
40°	16956.2	17368.2	16272.4	15176.7	14226.6	13276.5	12646.6	12015.4	11863.1	11709.6	12187.3
42.5°	17818.3	18118.8	16857.7	15596.6	14758.1	13918.2	13474.6	13029.8	13028.5	13025.8	13510.1
45°	18467.9	18729.1	17345.9	15961.4	15276.4	14590.1	14359.1	14128.2	14313.2	14498.2	14936.5
47.5°	19007.3	19184.4	17755.3	16324.9	15869.6	15414.2	15448.3	15482.4	15859.1	16235.7	16517.8
50°	19624.0	19481.0	18126.7	16771.1	16630.7	16490.3	16797.4	17103.1	17536.2	17967.9	18159.5
52.5°	20292.0	19912.8	18630.6	17347.2	17504.7	17662.2	18286.8	18911.5	19348.5	19785.5	19857.6
55°	21492.8	20911.4	19557.1	18201.5	18504.7	18806.5	19723.8	20639.8	20981.0	21322.2	21348.4
57.5°	22845.7	22330.0	20855.0	19380.0	19705.4	20030.9	21089.9	22147.6	22516.3	22883.8	22832.6
60°	23366.7	23391.6	22087.2	20781.5	21109.6	21437.6	22469.1	23500.6	23924.4	24347.0	24234.1
62.5°	22841.8	23457.3	22760.4	22062.3	22360.2	22656.8	23667.2	24677.7	25112.1	25546.4	25349.6
65°	21803.8	22414.0	22726.3	23038.6	23137.1	23235.5	24179.0	25121.2	25454.6	25786.6	25686.8
67.5°	20483.6	20977.0	22129.2	23280.1	23081.9	22883.8	23326.0	23768.3	24110.8	24453.3	24396.9
70°	18954.8	19542.7	21079.4	22616.1	21642.4	20667.3	20484.9	20302.5	20672.6	21041.3	20813.0
72.5°	16213.4	17100.5	18739.6	20377.3	18583.4	16789.5	16166.2	15542.8	16011.3	16479.8	16116.3
75°	12246.3	13423.5	15234.4	17044.1	14903.7	12763.4	11931.4	11099.4	11502.3	11905.1	11655.8
77.5°	8516.8	9993.1	11776.5	13559.9	11384.2	9207.1	8589.0	7969.6	8090.3	8209.7	8167.7
80°	5806.9	6778.0	8022.1	9264.8	7816.0	6367.3	6415.8	6463.0	6406.6	6348.9	6432.9
82.5°	3641.6	4325.3	5285.9	6245.2	5476.2	4707.2	5148.1	5589.1	5372.5	5154.7	5236.1
85°	2051.1	2468.4	3408.0	4346.3	4051.1	3754.5	4013.0	4270.2	3934.3	3598.3	3746.6
87.5°	391.1	650.9	1885.8	3119.3	2831.9	2544.5	2211.2	1877.9	1433.0	988.2	1443.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7
2.5°	11312.0	11289.7	11267.4	11187.3	11105.9	10985.2	10885.5	10712.3	10617.8	10474.7	10331.7
5°	12242.4	12100.7	11958.9	11714.8	11469.5	11196.5	10882.9	10535.1	10272.6	9931.4	9590.2
7.5°	12718.8	12388.1	12056.0	11587.6	11117.8	10695.2	10199.1	9737.2	9343.5	8900.0	8456.4
10°	12762.1	12266.0	11768.7	11159.7	10549.5	10036.4	9465.6	8952.5	8480.0	7970.9	7460.4
12.5°	12560.0	12032.4	11503.6	10833.0	10161.1	9578.4	8964.3	8389.5	7865.9	7305.5	6743.9
15°	12132.2	11710.9	11288.4	10659.8	10031.2	9443.3	8847.5	8166.4	7574.6	7001.1	6426.3
17.5°	11558.7	11359.2	11158.4	10704.4	10249.0	9739.8	9162.4	8363.3	7670.4	7047.0	6423.7
20°	11003.6	11077.1	11149.3	10968.2	10787.1	10378.9	9875.0	8977.4	8092.9	7278.0	6461.7
22.5°	10532.5	10885.5	11237.2	11377.6	11516.7	11271.3	10877.6	9839.6	8669.0	7604.7	6540.5
25°	10191.3	10776.6	11361.8	11829.0	12294.9	12186.0	11882.8	10886.8	9432.8	8075.9	6717.6
27.5°	10106.0	10823.8	11541.6	12266.0	12989.1	13090.1	13006.1	11990.4	10343.5	8661.1	6977.5
30°	10239.8	10966.8	11692.5	12574.4	13455.0	13857.8	13970.7	12910.3	11384.2	9343.5	7301.6
32.5°	10489.2	11201.7	11914.3	12874.9	13834.2	14443.1	14802.7	13751.5	12109.8	9858.0	7604.7
35°	10892.0	11558.7	12225.3	13225.3	14225.3	15012.6	15668.8	14620.3	12754.2	10217.5	7679.5
37.5°	11598.1	12171.5	12745.0	13668.9	14591.4	15612.4	16597.9	15576.9	13451.0	10564.0	7675.6
40°	12664.9	13070.4	13474.6	14255.5	15035.0	16319.7	17650.4	16643.8	14221.3	10939.3	7657.2
42.5°	13994.3	14203.0	14410.3	15028.4	15646.5	17058.5	18605.7	17687.1	14956.2	11288.4	7620.5
45°	15373.5	15428.6	15483.8	15873.5	16261.9	17643.8	19256.6	18470.5	15597.9	11591.5	7583.7
47.5°	16798.7	16609.7	16420.7	16575.6	16730.4	18092.6	19721.2	19065.0	16242.3	11927.4	7611.3
50°	18351.1	17824.9	17298.7	17217.3	17135.9	18541.4	20268.4	19820.9	17016.5	12416.9	7817.3
52.5°	19928.5	19061.1	18193.6	17872.1	17549.3	19076.8	20994.1	20761.8	18121.5	13175.4	8228.1
55°	21374.6	20271.0	19167.4	18734.3	18301.3	19895.7	21879.9	22143.6	19537.4	14145.2	8751.7
57.5°	22780.1	21529.5	20278.9	19877.3	19475.8	21099.1	23001.9	23383.8	20967.8	15075.6	9182.1
60°	24121.3	22883.8	21645.0	21323.5	21000.6	22595.1	24214.4	23936.2	21705.3	15511.3	9316.0
62.5°	25152.7	24168.5	23184.3	23015.0	22844.4	24108.2	25146.2	23721.0	21236.9	15082.2	8927.5
65°	25587.1	25026.8	24465.1	24623.9	24781.4	25252.5	25378.5	23091.1	19764.5	13880.1	7995.8
67.5°	24339.1	24453.3	24567.5	25234.1	25899.4	25575.3	24688.2	21849.7	17668.7	12176.8	6684.8
70°	20583.3	21268.3	21952.1	23529.4	25105.5	24386.4	22839.2	19621.4	15146.5	10214.9	5282.0
72.5°	15751.5	16521.8	17290.8	19631.9	21971.7	21309.0	19414.1	16116.3	12144.0	8157.2	4169.2
75°	11405.1	12275.2	13143.9	15726.5	18309.1	17389.2	14521.8	11539.0	9224.1	6226.8	3228.2
77.5°	8124.4	8707.1	9289.7	11840.8	14390.6	12892.0	9666.4	7764.8	6384.3	4327.9	2270.3
80°	6516.9	6338.4	6159.9	7581.1	9002.3	8753.0	6393.5	4986.7	4418.5	2900.2	1381.8
82.5°	5316.1	4880.4	4444.7	5114.0	5783.3	5746.5	4436.9	3658.7	3288.6	2015.7	742.8
85°	3893.6	3719.0	3544.5	4136.4	4728.2	4223.0	3005.2	2325.4	2564.2	1484.2	404.2
87.5°	1898.9	2169.2	2438.2	3136.4	3833.2	2877.9	912.0	451.4	624.7	410.7	195.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320312
 CATALOG NUMBER: GAN-SA8A-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: P320312

CATALOG NUMBER: GAN-SA8A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7
2.5°	10225.4	10117.8	9995.7	9873.7	9734.6	9594.2	9511.5	9427.5	9337.0	9246.4	9144.1
5°	9364.5	9138.8	8882.9	8627.0	8373.7	8120.5	7984.0	7847.5	7703.2	7557.5	7431.5
7.5°	8128.3	7799.0	7444.6	7089.0	6774.1	6457.8	6262.3	6065.4	5887.0	5707.2	5556.3
10°	7040.5	6620.5	6264.9	5907.9	5670.4	5432.9	5253.1	5073.3	4900.1	4725.6	4558.9
12.5°	6323.9	5904.0	5678.3	5452.6	5255.7	5058.9	4851.6	4642.9	4405.4	4166.5	3992.0
15°	6044.4	5662.5	5411.9	5159.9	4896.2	4631.1	4376.5	4121.9	3841.1	3560.3	3362.1
17.5°	5923.7	5423.7	5073.3	4721.6	4373.9	4026.1	3730.9	3435.6	3128.5	2821.4	2620.7
20°	5796.4	5131.1	4661.3	4190.2	3744.0	3297.8	2963.2	2628.5	2354.3	2080.0	1926.4
22.5°	5680.9	4820.1	4230.8	3640.3	3112.8	2585.2	2257.1	1927.8	1759.8	1591.8	1530.1
25°	5633.7	4548.4	3824.0	3099.6	2543.2	1985.5	1751.9	1518.3	1454.0	1388.4	1356.9
27.5°	5641.6	4305.6	3481.5	2656.1	2154.8	1653.5	1493.4	1333.3	1293.9	1253.2	1233.6
30°	5671.7	4041.9	3158.7	2275.5	1862.1	1448.8	1345.1	1240.1	1198.1	1156.1	1131.2
32.5°	5705.9	3805.7	2909.4	2011.7	1674.5	1335.9	1250.6	1164.0	1123.3	1082.6	1057.7
35°	5646.8	3612.7	2738.8	1864.8	1553.8	1241.4	1169.3	1095.8	1051.1	1006.5	982.9
37.5°	5547.1	3418.5	2606.2	1792.6	1475.0	1156.1	1103.6	1049.8	1003.9	956.7	934.4
40°	5456.5	3254.5	2507.8	1759.8	1431.7	1102.3	1057.7	1013.1	965.8	917.3	891.0
42.5°	5383.0	3144.3	2410.7	1677.1	1392.3	1106.3	1043.3	979.0	933.0	887.1	858.2
45°	5327.9	3072.1	2334.6	1597.1	1355.6	1114.1	1034.1	954.0	908.1	860.9	826.7
47.5°	5322.7	3034.0	2280.8	1527.5	1286.0	1043.3	1010.5	977.7	910.7	842.5	803.1
50°	5394.8	2972.3	2217.8	1461.9	1219.1	976.3	1021.0	1064.3	950.1	834.6	784.8
52.5°	5545.8	2863.4	2118.0	1372.7	1137.8	901.5	971.1	1039.3	940.9	841.2	776.9
55°	5728.2	2703.3	1967.1	1229.6	1030.2	829.4	891.0	951.4	889.7	826.7	749.3
57.5°	5842.3	2501.2	1776.8	1052.5	909.4	766.4	801.8	835.9	811.0	786.1	707.3
60°	5774.1	2232.2	1562.9	892.4	803.1	713.9	707.3	699.5	736.2	772.9	682.4
62.5°	5440.8	1954.0	1374.0	793.9	727.0	658.8	644.3	628.6	689.0	748.0	652.2
65°	4877.8	1759.8	1254.6	749.3	674.5	599.7	584.0	568.2	586.6	605.0	560.3
67.5°	4162.6	1640.4	1186.3	732.3	641.7	549.9	531.5	513.1	509.2	505.2	489.5
70°	3425.1	1566.9	1141.7	716.5	606.3	494.7	477.7	460.6	455.4	448.8	437.0
72.5°	2863.4	1557.7	1136.4	715.2	577.4	439.6	423.9	408.1	401.6	393.7	384.5
75°	2345.1	1461.9	1078.7	695.5	538.0	379.3	364.8	350.4	345.1	338.6	330.7
77.5°	1740.1	1209.9	906.8	603.7	460.6	317.6	303.1	287.4	286.1	283.5	276.9
80°	1128.6	875.3	648.3	421.2	335.9	249.3	237.5	224.4	225.7	227.0	221.8
82.5°	627.3	510.5	396.3	282.1	229.7	177.2	171.9	165.3	169.3	171.9	165.3
85°	330.7	257.2	212.6	168.0	132.5	97.1	97.1	95.8	101.0	106.3	101.0
87.5°	143.0	90.5	77.4	63.0	35.4	6.6	7.9	7.9	10.5	13.1	11.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320312
 CATALOG NUMBER: GAN-SA8A-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: P320312
 CATALOG NUMBER: GAN-SA8A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7
2.5°	9040.4	8944.6	8847.5	8741.2	8760.9	8679.5	8598.2	8547.0	8495.8	8480.0	8464.3
5°	7305.5	7196.6	7086.4	6988.0	7073.3	7015.5	6957.8	6949.9	6940.7	6940.7	6939.4
7.5°	5405.3	5288.5	5170.4	5089.1	5173.1	5162.6	5152.1	5208.5	5264.9	5310.9	5355.5
10°	4392.2	4250.5	4107.5	3986.7	3965.8	3905.4	3843.7	3856.8	3868.6	3918.5	3968.4
12.5°	3817.5	3648.2	3478.9	3337.2	3272.9	3173.1	3072.1	3009.1	2946.1	2952.7	2957.9
15°	3162.6	2998.6	2833.2	2711.2	2670.5	2593.1	2515.7	2436.9	2356.9	2324.1	2290.0
17.5°	2418.6	2287.3	2154.8	2073.4	2073.4	2051.1	2028.8	1989.4	1948.8	1915.9	1881.8
20°	1772.9	1703.4	1632.5	1598.4	1608.9	1610.2	1610.2	1629.9	1649.6	1639.1	1628.6
22.5°	1467.1	1442.2	1417.3	1402.8	1408.1	1409.4	1410.7	1429.1	1446.1	1459.3	1471.1
25°	1324.1	1308.4	1292.6	1287.4	1299.2	1300.5	1300.5	1312.3	1324.1	1337.2	1350.4
27.5°	1212.6	1206.0	1199.4	1190.3	1202.1	1202.1	1200.7	1213.9	1225.7	1237.5	1248.0
30°	1106.3	1108.9	1110.2	1107.6	1115.4	1120.7	1124.6	1133.8	1141.7	1150.9	1160.1
32.5°	1031.5	1027.5	1023.6	1021.0	1038.0	1047.2	1056.4	1065.6	1073.5	1077.4	1081.3
35°	959.3	950.1	940.9	934.4	950.1	961.9	973.7	990.8	1006.5	1009.2	1011.8
37.5°	910.7	898.9	887.1	879.2	885.8	891.0	896.3	914.7	933.0	943.5	952.7
40°	864.8	853.0	841.2	834.6	838.6	839.9	841.2	850.4	858.2	877.9	896.3
42.5°	828.1	813.6	799.2	791.3	793.9	796.6	797.9	796.6	795.3	813.6	832.0
45°	791.3	775.6	759.8	750.6	751.9	751.9	751.9	749.3	745.4	754.6	763.8
47.5°	762.4	744.1	725.7	716.5	713.9	711.3	708.6	707.3	704.7	711.3	716.5
50°	733.6	713.9	692.9	682.4	675.8	673.2	670.6	669.3	666.6	673.2	678.5
52.5°	711.3	687.6	664.0	647.0	640.4	636.5	632.5	633.8	633.8	636.5	637.8
55°	671.9	650.9	628.6	616.8	605.0	602.3	599.7	603.7	606.3	606.3	606.3
57.5°	628.6	608.9	587.9	580.0	569.5	569.5	568.2	573.5	577.4	580.0	582.7
60°	590.5	568.2	545.9	539.4	535.4	534.1	532.8	539.4	544.6	549.9	555.1
62.5°	555.1	531.5	507.9	500.0	498.7	500.0	500.0	506.5	511.8	517.0	522.3
65°	515.7	492.1	467.2	459.3	461.9	465.9	469.8	475.1	479.0	484.2	489.5
67.5°	472.4	452.7	431.7	423.9	425.2	430.4	435.7	439.6	442.2	447.5	452.7
70°	425.2	408.1	391.1	385.8	384.5	391.1	396.3	398.9	401.6	408.1	413.4
72.5°	374.0	359.6	345.1	341.2	342.5	346.4	350.4	354.3	356.9	363.5	368.8
75°	321.5	308.4	295.3	292.6	295.3	299.2	303.1	305.8	308.4	316.3	322.8
77.5°	270.3	255.9	240.1	238.8	242.8	246.7	249.3	253.3	257.2	267.7	278.2
80°	216.5	200.8	183.7	182.4	186.3	190.3	194.2	198.2	202.1	215.2	227.0
82.5°	158.8	140.4	122.0	119.4	132.5	136.5	140.4	147.0	152.2	164.0	175.8
85°	95.8	77.4	59.1	57.7	69.6	76.1	82.7	90.5	97.1	107.6	118.1
87.5°	10.5	5.2	0.0	0.0	1.3	6.6	11.8	18.4	24.9	35.4	44.6
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: P320312
 CATALOG NUMBER: GAN-SA8A-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: P320312
 CATALOG NUMBER: GAN-SA8A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7
2.5°	8406.6	8347.5	8407.9	8466.9	8491.9	8516.8	8452.5	8386.9	8489.2	8590.3	8616.5
5°	6886.9	6833.1	6873.8	6913.2	6825.2	6737.3	6728.1	6717.6	6793.7	6869.9	6881.7
7.5°	5338.4	5321.4	5359.4	5397.5	5285.9	5173.1	5117.9	5062.8	5081.2	5099.6	5097.0
10°	3980.2	3990.7	4037.9	4083.9	3997.2	3910.6	3872.6	3834.5	3876.5	3917.2	3955.3
12.5°	2981.5	3003.8	3053.7	3102.3	3066.8	3030.1	3034.0	3038.0	3086.5	3133.8	3175.8
15°	2316.2	2342.4	2377.9	2412.0	2413.3	2413.3	2447.4	2480.2	2476.3	2472.4	2501.2
17.5°	1917.3	1951.4	1955.3	1959.3	1960.6	1961.9	1959.3	1956.6	1936.9	1917.3	1939.6
20°	1641.7	1653.5	1664.0	1673.2	1661.4	1648.2	1615.4	1582.6	1569.5	1556.4	1577.4
22.5°	1493.4	1514.4	1503.9	1492.1	1468.5	1443.5	1418.6	1392.3	1391.0	1388.4	1400.2
25°	1368.7	1385.8	1367.4	1349.0	1332.0	1314.9	1297.9	1280.8	1279.5	1278.2	1283.4
27.5°	1265.1	1280.8	1263.7	1246.7	1232.2	1217.8	1204.7	1191.6	1188.9	1186.3	1187.6
30°	1175.8	1190.3	1175.8	1160.1	1149.6	1137.8	1128.6	1119.4	1118.1	1116.8	1116.8
32.5°	1095.8	1110.2	1099.7	1089.2	1080.0	1070.8	1064.3	1057.7	1051.1	1044.6	1030.2
35°	1026.2	1040.6	1034.1	1026.2	1015.7	1005.2	993.4	980.3	963.2	944.9	937.0
37.5°	967.2	981.6	975.0	968.5	954.0	939.6	918.6	896.3	891.0	884.5	883.2
40°	919.9	942.2	929.1	914.7	892.4	870.1	859.6	849.1	846.4	843.8	841.2
42.5°	867.4	901.5	877.9	854.3	833.3	812.3	809.7	807.1	805.7	804.4	804.4
45°	801.8	838.6	814.9	790.0	778.2	766.4	766.4	766.4	767.7	767.7	770.3
47.5°	740.1	762.4	750.6	738.8	732.3	725.7	727.0	728.3	732.3	734.9	741.4
50°	687.6	695.5	698.1	699.5	695.5	691.6	694.2	695.5	699.5	702.1	707.3
52.5°	649.6	661.4	661.4	660.1	660.1	660.1	662.7	665.3	669.3	673.2	678.5
55°	624.7	641.7	636.5	631.2	632.5	632.5	635.2	637.8	641.7	644.3	652.2
57.5°	601.0	619.4	614.2	608.9	608.9	608.9	610.2	611.5	615.5	618.1	623.3
60°	573.5	591.8	586.6	580.0	581.3	582.7	584.0	584.0	586.6	587.9	587.9
62.5°	540.7	559.0	553.8	547.2	551.2	553.8	553.8	553.8	556.4	557.7	553.8
65°	506.5	523.6	518.4	513.1	518.4	522.3	524.9	526.2	524.9	523.6	519.7
67.5°	469.8	486.9	481.6	475.1	481.6	486.9	492.1	496.0	492.1	488.2	482.9
70°	430.4	447.5	440.9	434.4	440.9	447.5	452.7	458.0	452.7	447.5	446.2
72.5°	388.4	408.1	400.2	392.4	400.2	408.1	410.7	413.4	409.4	405.5	402.9
75°	342.5	362.2	355.6	347.8	354.3	360.9	362.2	363.5	363.5	362.2	354.3
77.5°	294.0	309.7	305.8	301.8	305.8	309.7	309.7	309.7	311.0	311.0	300.5
80°	236.2	245.4	246.7	248.0	249.3	250.6	249.3	248.0	245.4	242.8	236.2
82.5°	175.8	175.8	186.3	195.5	195.5	194.2	192.9	190.3	185.0	178.5	164.0
85°	111.5	105.0	122.0	137.8	137.8	136.5	133.9	129.9	119.4	107.6	95.8
87.5°	38.1	31.5	48.6	65.6	66.9	66.9	64.3	61.7	51.2	39.4	30.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320312
 CATALOG NUMBER: GAN-SA8A-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: P320312

CATALOG NUMBER: GAN-SA8A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7
2.5°	8655.9	8673.0	8688.7	8817.3	8944.6	9094.2	9243.8	9358.0	9470.8	9587.6	9704.4
5°	6922.4	6943.3	6964.3	7120.5	7275.4	7484.0	7692.7	7872.5	8052.2	8263.5	8474.8
7.5°	5131.1	5177.0	5221.6	5388.3	5553.6	5778.0	6001.1	6236.0	6469.6	6745.2	7020.8
10°	4030.1	4116.7	4202.0	4372.6	4543.2	4764.9	4985.4	5230.8	5476.2	5747.8	6018.2
12.5°	3262.4	3377.8	3492.0	3696.7	3901.5	4166.5	4430.3	4703.3	4974.9	5213.7	5452.6
15°	2577.3	2703.3	2828.0	3044.5	3261.1	3552.4	3842.4	4140.3	4436.9	4722.9	5009.0
17.5°	2010.4	2114.1	2216.5	2400.2	2582.6	2864.7	3146.9	3459.2	3771.5	4120.6	4468.4
20°	1622.0	1665.3	1708.6	1841.1	1972.4	2202.0	2430.4	2749.3	3068.1	3485.5	3902.8
22.5°	1421.2	1443.5	1464.5	1528.8	1591.8	1740.1	1887.1	2169.2	2450.1	2905.4	3359.5
25°	1300.5	1317.5	1334.6	1376.6	1418.6	1489.5	1560.3	1758.5	1956.6	2404.1	2850.3
27.5°	1191.6	1217.8	1242.7	1262.4	1280.8	1329.4	1376.6	1506.5	1636.4	2053.7	2469.7
30°	1112.8	1122.0	1131.2	1161.4	1190.3	1240.1	1290.0	1380.5	1471.1	1824.1	2175.8
32.5°	1021.0	1034.1	1047.2	1078.7	1110.2	1156.1	1202.1	1275.5	1347.7	1649.6	1950.1
35°	938.3	951.4	964.5	996.0	1026.2	1076.1	1124.6	1186.3	1246.7	1509.1	1771.6
37.5°	887.1	900.2	913.4	940.9	967.2	1017.0	1065.6	1114.1	1161.4	1404.2	1646.9
40°	843.8	856.9	870.1	896.3	921.2	969.8	1017.0	1057.7	1098.4	1325.4	1552.4
42.5°	805.7	820.2	834.6	860.9	885.8	929.1	972.4	1026.2	1078.7	1257.2	1434.3
45°	774.3	788.7	801.8	830.7	859.6	901.5	943.5	1018.3	1093.1	1221.7	1350.4
47.5°	745.4	761.1	775.6	807.1	838.6	891.0	942.2	1005.2	1066.9	1194.2	1321.5
50°	717.8	736.2	754.6	792.6	829.4	917.3	1003.9	1013.1	1021.0	1171.9	1321.5
52.5°	691.6	712.6	733.6	780.8	826.7	929.1	1031.5	998.7	964.5	1129.9	1295.2
55°	665.3	683.7	700.8	758.5	816.2	891.0	965.8	922.5	877.9	1051.1	1224.4
57.5°	629.9	649.6	668.0	729.6	791.3	843.8	895.0	855.6	814.9	961.9	1107.6
60°	593.2	615.5	637.8	716.5	793.9	784.8	774.3	766.4	757.2	862.2	967.2
62.5°	560.3	584.0	607.6	710.0	812.3	749.3	686.3	692.9	698.1	775.6	853.0
65°	527.5	551.2	573.5	624.7	675.8	650.9	626.0	636.5	645.6	721.8	797.9
67.5°	490.8	511.8	531.5	548.5	565.6	568.2	570.8	581.3	591.8	682.4	771.6
70°	450.1	467.2	484.2	496.0	506.5	511.8	515.7	528.9	542.0	640.4	738.8
72.5°	404.2	418.6	431.7	442.2	452.7	456.7	459.3	472.4	485.5	590.5	695.5
75°	354.3	366.1	376.6	385.8	395.0	400.2	405.5	414.7	423.9	538.0	650.9
77.5°	299.2	311.0	321.5	329.4	335.9	341.2	345.1	356.9	368.8	464.6	559.0
80°	233.6	248.0	261.1	267.7	273.0	274.3	274.3	284.8	295.3	363.5	430.4
82.5°	165.3	181.1	195.5	200.8	206.0	206.0	206.0	217.8	229.7	275.6	320.2
85°	97.1	114.2	129.9	135.2	140.4	143.0	144.4	149.6	153.5	186.3	217.8
87.5°	30.2	44.6	57.7	60.4	63.0	68.2	73.5	74.8	74.8	97.1	119.4
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: P320312
 CATALOG NUMBER: GAN-SA8A-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: P320312

CATALOG NUMBER: GAN-SA8A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7	9999.7
2.5°	9838.3	9972.1	10128.3	10283.1	10415.7	10548.2	10658.5
5°	8743.8	9012.8	9342.2	9670.3	9962.9	10255.6	10595.5
7.5°	7368.5	7716.3	8142.8	8569.3	8982.7	9394.7	9917.0
10°	6372.5	6725.5	7176.9	7627.1	8091.6	8554.8	9145.4
12.5°	5740.0	6026.1	6463.0	6900.0	7446.0	7990.6	8558.8
15°	5322.7	5635.0	6060.2	6485.4	7082.5	7679.5	8333.1
17.5°	4877.8	5285.9	5830.5	6375.1	7082.5	7788.5	8558.8
20°	4411.9	4919.8	5625.8	6331.8	7284.5	8236.0	9218.9
22.5°	3947.4	4535.3	5440.8	6344.9	7590.3	8834.4	10161.1
25°	3528.8	4207.2	5327.9	6447.3	8035.2	9621.7	11267.4
27.5°	3211.2	3951.3	5282.0	6611.3	8599.5	10587.6	12470.7
30°	2929.0	3682.3	5226.9	6771.4	9142.8	11512.8	13411.6
32.5°	2685.0	3419.8	5120.6	6820.0	9522.0	12224.0	14208.2
35°	2493.4	3215.1	4942.1	6669.1	9759.5	12850.0	15037.6
37.5°	2328.0	3009.1	4738.7	6468.3	9970.8	13473.3	15970.6
40°	2170.5	2788.6	4564.2	6338.4	10262.1	14185.9	16956.2
42.5°	2020.9	2607.5	4423.7	6240.0	10532.5	14823.7	17818.3
45°	1909.4	2468.4	4299.1	6128.4	10707.0	15285.6	18467.9
47.5°	1854.3	2385.8	4232.1	6077.2	10881.5	15684.5	19007.3
50°	1846.4	2371.3	4308.3	6245.2	11259.5	16272.4	19624.0
52.5°	1845.1	2394.9	4527.4	6659.9	11961.6	17261.9	20292.0
55°	1817.5	2409.4	4788.6	7166.4	12903.8	18639.8	21492.8
57.5°	1733.5	2359.5	5057.6	7754.3	13899.8	20044.0	22845.7
60°	1603.6	2238.8	5279.4	8318.6	14569.1	20818.2	23366.7
62.5°	1440.9	2027.5	5352.8	8676.9	14550.7	20424.5	22841.8
65°	1301.8	1805.7	5111.4	8415.7	13814.5	19212.0	21803.8
67.5°	1178.4	1583.9	4507.7	7430.2	12490.4	17549.3	20483.6
70°	1089.2	1438.3	3729.5	6020.8	10833.0	15643.9	18954.8
72.5°	1032.8	1368.7	3040.6	4711.1	8791.1	12869.7	16213.4
75°	955.4	1259.8	2385.8	3510.4	6728.1	9945.9	12246.3
77.5°	811.0	1061.6	1797.8	2534.0	4936.9	7338.3	8516.8
80°	626.0	820.2	1236.2	1652.2	3397.5	5142.9	5806.9
82.5°	446.2	572.2	749.3	926.5	2257.1	3586.5	3641.6
85°	275.6	333.3	429.1	524.9	1493.4	2461.9	2051.1
87.5°	148.3	177.2	227.0	275.6	477.7	679.8	391.1
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: P320312
 CATALOG NUMBER: GAN-SA8A-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)