

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: P383089

Luminaire Tested: **GAN-SA4B-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383089
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-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3500K, 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: 18872.2 lumens
Efficiency: N/A
Efficacy: 110.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G4

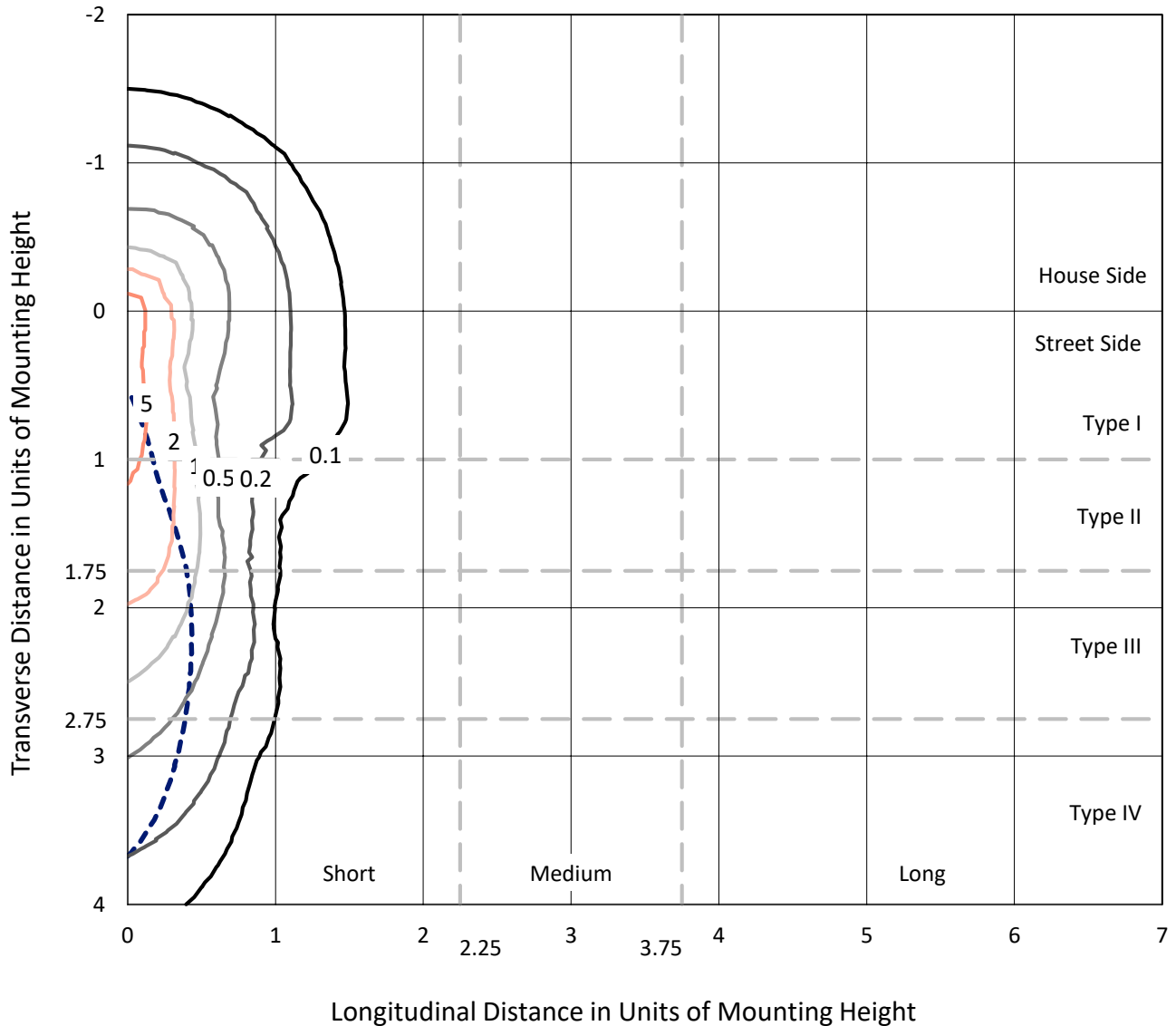
Input Watts (W): 171
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P383089
 CATALOG NUMBER: GAN-SA4B-735-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

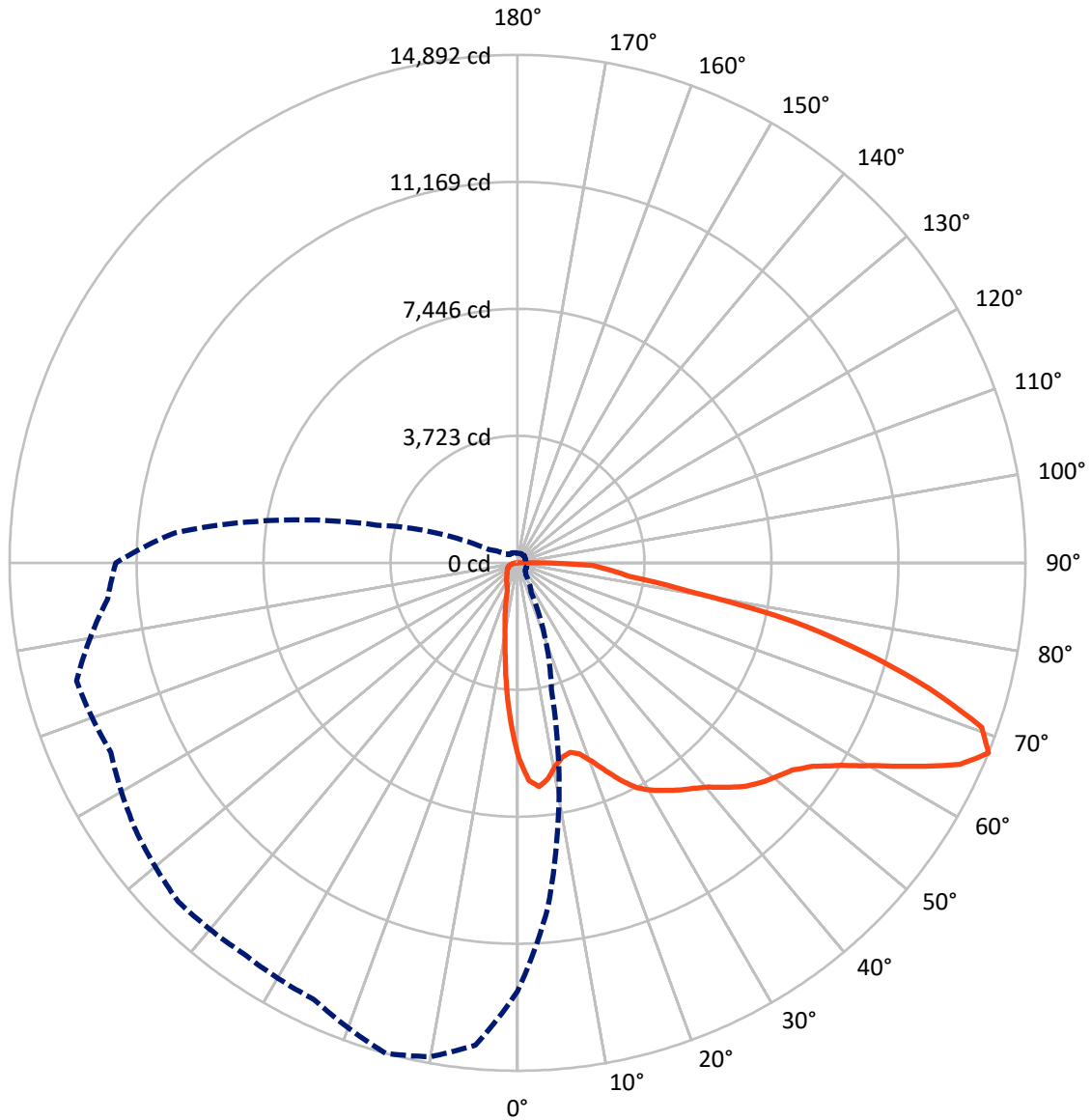
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.2 fc
 Type IV - Medium - N/A

REPORT NUMBER: P383089
CATALOG NUMBER: GAN-SA4B-735-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P383089
 CATALOG NUMBER: GAN-SA4B-735-U-SLR

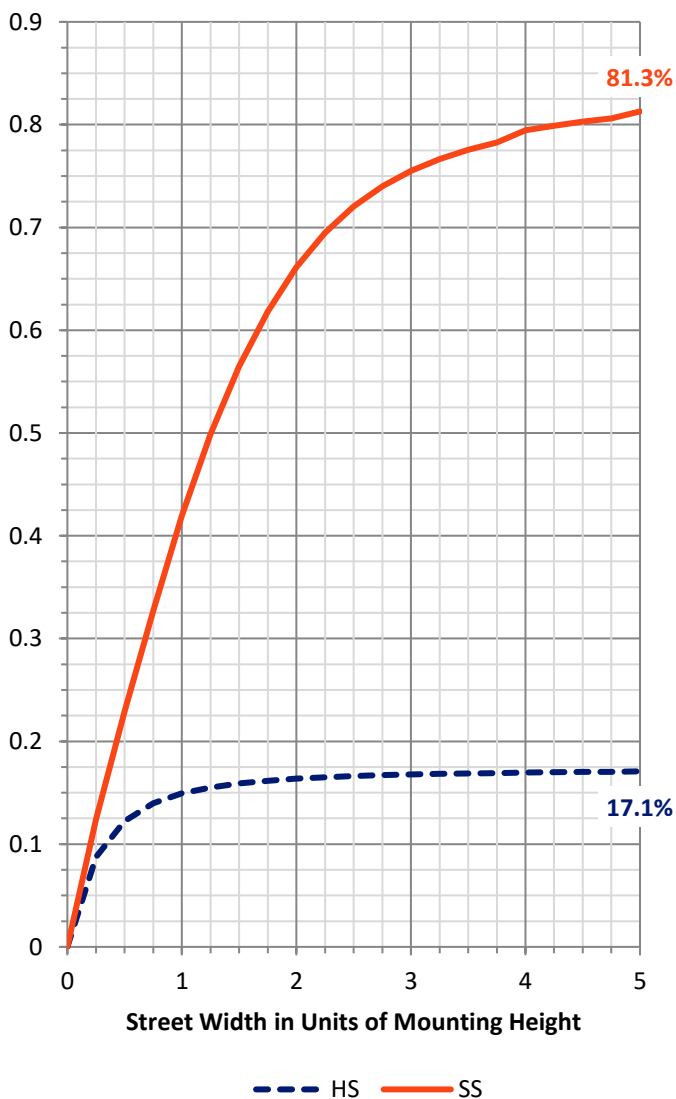
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3262.6	0.0	3262.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	15609.6	0.0	15609.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	18872.2	0.0	18872.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	443.7	2.4
10°-20°	921.8	4.9
20°-30°	1311.0	6.9
30°-40°	1889.2	10.0
40°-50°	2662.4	14.1
50°-60°	3701.2	19.6
60°-70°	4475.8	23.7
70°-80°	2751.2	14.6
80°-90°	715.9	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	18872.2	100.0
0°-180°	18872.2	100.0

Coefficient of Utilization

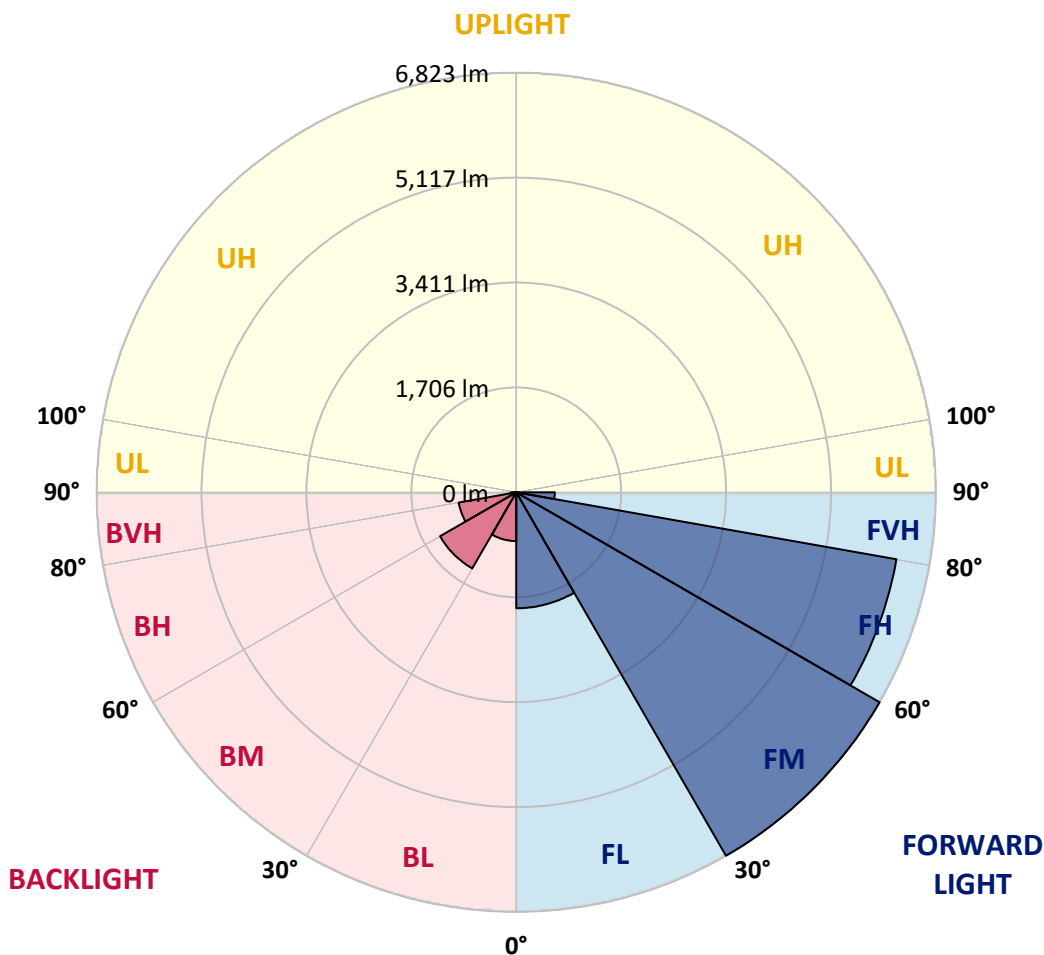


REPORT NUMBER: P383089
 CATALOG NUMBER: GAN-SA4B-735-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1884.4	10.0			
FM (30°-60°)	6822.8	36.2			
FH (60°-80°)	6276.3	33.3			G3/7500
FVH (80°-90°)	626.1	3.3			G4/750
BL (0°-30°)	792.1	4.2	B2/1000		
BM (30°-60°)	1430.0	7.6	B2/2500		
BH (60°-80°)	950.8	5.0	B2/1000		G2/1000
BVH (80°-90°)	89.7	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
 Type IV Medium





REPORT NUMBER: P383089

CATALOG NUMBER: GAN-SA4B-735-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5
2.5°	6159.3	6104.9	6022.7	5940.5	5879.4	5817.4	5747.3	5677.1	5597.1	5516.4	5468.8
5°	6057.4	5906.5	5710.3	5514.1	5384.3	5254.6	5107.5	4960.3	4814.7	4669.1	4590.6
7.5°	5598.6	5372.3	5117.3	4862.2	4673.6	4484.2	4280.5	4076.0	3894.9	3713.1	3600.6
10°	5147.5	4875.8	4583.0	4289.5	4048.0	3806.6	3602.1	3396.9	3260.3	3123.8	3020.4
12.5°	4823.7	4522.7	4200.5	3877.6	3636.1	3394.7	3264.9	3135.1	3021.9	2908.8	2789.5
15°	4695.5	4355.2	4025.4	3695.0	3475.4	3255.9	3111.7	2966.8	2815.1	2662.7	2516.4
17.5°	4808.6	4410.2	4051.9	3693.5	3405.9	3118.4	2917.0	2714.8	2514.9	2314.9	2145.2
20°	5161.8	4653.2	4184.6	3715.3	3332.8	2950.2	2680.1	2409.3	2152.7	1896.2	1703.7
22.5°	5657.5	4984.4	4372.5	3760.6	3266.4	2771.4	2432.6	2093.1	1789.8	1486.5	1297.8
25°	6259.6	5423.6	4643.4	3862.5	3239.2	2615.2	2198.7	1782.2	1462.3	1141.6	1007.3
27.5°	6894.2	5947.3	4980.0	4011.9	3243.7	2475.6	2001.8	1527.2	1239.0	950.7	858.7
30°	7423.1	6545.6	5372.3	4198.2	3261.1	2323.9	1816.1	1308.4	1070.7	833.0	773.4
32.5°	7906.8	6962.9	5668.1	4372.5	3280.7	2188.1	1672.8	1156.7	962.8	768.2	719.1
35°	8406.3	7333.3	5874.8	4415.5	3246.7	2077.3	1574.7	1072.2	893.4	713.8	672.3
37.5°	8956.4	7734.0	6074.0	4413.3	3189.4	1965.6	1498.5	1030.7	848.1	664.8	634.6
40°	9569.8	8176.8	6289.8	4402.7	3137.4	1871.2	1441.9	1011.8	823.2	633.8	608.1
42.5°	10169.6	8599.4	6490.5	4381.6	3095.1	1807.9	1386.0	964.3	800.6	636.1	599.8
45°	10620.1	8968.4	6664.8	4360.5	3063.4	1766.4	1342.4	918.2	779.4	640.6	594.6
47.5°	10961.9	9338.9	6858.0	4376.3	3060.4	1744.5	1311.3	878.3	739.5	599.8	581.0
50°	11396.5	9784.0	7139.4	4494.7	3101.9	1709.0	1275.2	840.5	701.0	561.4	587.1
52.5°	11937.5	10419.4	7575.5	4731.0	3188.7	1646.4	1217.8	789.2	654.2	518.4	558.4
55°	12732.0	11233.5	8133.2	5032.0	3293.6	1554.4	1131.1	707.0	592.3	476.9	512.4
57.5°	13445.0	12056.0	8668.1	5279.5	3359.2	1438.1	1021.6	605.1	522.9	440.6	461.0
60°	13762.7	12480.0	8918.6	5356.4	3319.9	1283.5	898.7	513.1	461.8	410.4	406.7
62.5°	13639.0	12210.6	8671.9	5133.1	3128.3	1123.5	790.0	456.5	418.0	378.8	370.5
65°	13276.8	11364.0	7980.8	4597.4	2804.6	1011.8	721.3	430.8	387.8	344.9	335.7
67.5°	12563.0	10159.1	7001.3	3843.6	2393.4	943.2	682.1	421.1	369.0	316.2	305.5
70°	11281.8	8708.9	5873.3	3037.0	1969.3	900.9	656.5	411.9	348.6	284.5	274.6
72.5°	9266.5	6982.5	4690.2	2397.2	1646.4	895.6	653.4	411.2	332.0	252.7	243.7
75°	6634.7	5303.6	3580.3	1856.1	1348.3	840.5	620.2	399.9	309.4	218.1	209.8
77.5°	4464.5	3670.9	2488.4	1305.4	1000.5	695.7	521.4	347.1	264.8	182.6	174.3
80°	2867.2	2540.5	1667.6	794.5	648.9	503.3	372.7	242.2	193.2	143.4	136.6
82.5°	2103.6	1890.9	1158.9	427.0	360.7	293.5	227.9	162.2	132.0	101.8	98.8
85°	1337.1	1474.4	853.4	232.4	190.1	147.9	122.2	96.6	76.2	55.8	55.8
87.5°	259.5	359.2	236.1	112.4	82.3	52.1	44.5	36.2	20.4	3.7	4.6
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: P383089
 CATALOG NUMBER: GAN-SA4B-735-U-SLR

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



REPORT NUMBER: P383089
 CATALOG NUMBER: GAN-SA4B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5
2.5°	5420.6	5368.5	5316.4	5257.6	5197.9	5142.9	5087.1	5026.0	5037.3	4990.5	4943.7
5°	4512.1	4429.1	4345.4	4272.9	4200.5	4137.8	4074.5	4017.9	4067.0	4033.8	4000.5
7.5°	3487.4	3384.9	3281.5	3194.7	3107.9	3040.8	2972.8	2926.1	2974.3	2968.4	2962.3
10°	2917.0	2817.5	2717.0	2621.3	2525.4	2443.9	2361.7	2292.3	2280.2	2245.5	2210.0
12.5°	2669.5	2533.0	2395.7	2295.3	2194.9	2097.6	2000.3	1918.8	1881.8	1824.4	1766.4
15°	2370.0	2208.5	2047.1	1933.1	1818.5	1724.1	1629.0	1558.9	1535.5	1490.9	1446.4
17.5°	1975.3	1798.8	1622.3	1506.8	1390.6	1315.2	1239.0	1192.2	1192.2	1179.3	1166.5
20°	1511.3	1353.6	1195.9	1107.7	1019.4	979.4	938.6	919.1	925.0	925.8	925.8
22.5°	1108.4	1011.8	915.2	879.8	843.6	829.3	814.9	806.6	809.6	810.4	811.1
25°	873.0	836.1	798.3	780.2	761.4	752.2	743.2	740.2	747.0	747.8	747.8
27.5°	766.6	743.9	720.6	709.3	697.2	693.4	689.6	684.4	691.1	691.1	690.4
30°	713.0	688.9	664.8	650.4	636.1	637.6	638.3	636.8	641.4	644.4	646.7
32.5°	669.3	645.8	622.5	608.1	593.0	590.8	588.6	587.1	596.8	602.2	607.4
35°	630.0	604.4	578.8	565.2	551.6	546.3	541.0	537.2	546.3	553.1	559.9
37.5°	603.6	577.2	550.1	537.2	523.6	516.8	510.0	505.6	509.3	512.4	515.3
40°	582.5	555.3	527.4	512.4	497.3	490.5	483.7	479.8	482.2	482.9	483.7
42.5°	562.8	536.5	510.0	493.4	476.1	467.8	459.5	455.0	456.5	458.0	458.8
45°	548.6	522.1	494.9	475.4	455.0	445.9	436.9	431.6	432.3	432.3	432.3
47.5°	562.1	523.6	484.4	461.8	438.4	427.9	417.2	411.9	410.4	408.9	407.5
50°	611.9	546.3	479.8	451.2	421.8	410.4	398.4	392.4	388.5	387.1	385.6
52.5°	597.6	541.0	483.7	446.7	408.9	395.3	381.7	372.0	368.2	365.9	363.7
55°	547.0	511.6	475.4	430.8	386.3	374.2	361.4	354.6	347.8	346.3	344.9
57.5°	480.7	466.3	452.0	406.7	361.4	350.1	338.1	333.5	327.4	327.4	326.7
60°	402.1	423.3	444.4	392.4	339.5	326.7	313.9	310.1	307.9	307.1	306.4
62.5°	361.4	396.1	430.1	375.0	319.1	305.5	292.0	287.5	286.7	287.5	287.5
65°	326.7	337.3	347.8	322.2	296.5	282.9	268.7	264.1	265.6	267.8	270.1
67.5°	295.0	292.8	290.5	281.4	271.6	260.3	248.3	243.7	244.4	247.5	250.5
70°	264.8	261.9	258.0	251.2	244.4	234.7	224.9	221.8	221.1	224.9	227.9
72.5°	234.7	230.9	226.4	221.1	215.0	206.7	198.4	196.2	196.9	199.2	201.5
75°	201.5	198.4	194.7	190.1	184.8	177.3	169.7	168.2	169.7	172.1	174.3
77.5°	165.3	164.5	163.0	159.2	155.5	147.1	138.1	137.3	139.5	141.9	143.4
80°	129.0	129.8	130.5	127.5	124.5	115.4	105.6	104.9	107.1	109.4	111.7
82.5°	95.1	97.3	98.8	95.1	91.3	80.8	70.1	68.7	76.2	78.4	80.8
85°	55.1	58.1	61.1	58.1	55.1	44.5	33.9	33.2	40.0	43.8	47.5
87.5°	4.6	6.1	7.5	6.8	6.1	3.0	0.0	0.0	0.7	3.7	6.8
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: P383089
 CATALOG NUMBER: GAN-SA4B-735-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: P383089

CATALOG NUMBER: GAN-SA4B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5
2.5°	4914.3	4884.8	4875.8	4866.8	4833.5	4799.6	4834.3	4868.3	4882.6	4897.0	4860.0
5°	3996.1	3990.7	3990.7	3990.0	3959.8	3928.9	3952.3	3974.9	3924.3	3873.7	3868.5
7.5°	2994.7	3027.2	3053.6	3079.2	3069.4	3059.7	3081.6	3103.4	3039.3	2974.3	2942.7
10°	2217.5	2224.3	2253.0	2281.7	2288.5	2294.5	2321.7	2348.2	2298.3	2248.5	2226.6
12.5°	1730.2	1693.9	1697.7	1700.7	1714.3	1727.1	1755.8	1783.7	1763.3	1742.2	1744.5
15°	1401.1	1355.1	1336.3	1316.6	1331.7	1346.8	1367.2	1386.8	1387.6	1387.6	1407.2
17.5°	1143.8	1120.5	1101.6	1082.0	1102.4	1122.0	1124.3	1126.5	1127.3	1128.0	1126.5
20°	937.1	948.4	942.4	936.4	943.9	950.7	956.8	962.0	955.2	947.7	928.8
22.5°	821.7	831.5	839.0	845.8	858.7	870.7	864.7	857.9	844.4	830.0	815.7
25°	754.6	761.4	768.9	776.4	787.0	796.8	786.2	775.7	765.8	756.0	746.3
27.5°	697.9	704.7	711.5	717.6	727.4	736.4	726.6	716.8	708.5	700.2	692.7
30°	651.9	656.5	661.8	667.0	676.0	684.4	676.0	667.0	660.9	654.2	648.9
32.5°	612.7	617.2	619.5	621.7	630.0	638.3	632.3	626.3	621.0	615.7	611.9
35°	569.6	578.8	580.3	581.8	590.0	598.3	594.6	590.0	584.0	577.9	571.2
37.5°	526.0	536.5	542.5	547.7	556.1	564.4	560.6	556.9	548.6	540.2	528.2
40°	489.0	493.4	504.8	515.3	528.9	541.8	534.2	526.0	513.1	500.2	494.2
42.5°	458.0	457.2	467.8	478.3	498.8	518.4	504.8	491.2	479.1	467.1	465.6
45°	430.8	428.6	433.8	439.1	461.0	482.2	468.6	454.2	447.4	440.6	440.6
47.5°	406.7	405.2	408.9	411.9	425.5	438.4	431.6	424.8	421.1	417.2	418.0
50°	384.8	383.3	387.1	390.1	395.3	399.9	401.4	402.1	399.9	397.7	399.2
52.5°	364.4	364.4	365.9	366.8	373.5	380.3	380.3	379.5	379.5	379.5	381.0
55°	347.1	348.6	348.6	348.6	359.2	369.0	365.9	362.9	363.7	363.7	365.2
57.5°	329.8	332.0	333.5	335.0	345.6	356.1	353.1	350.1	350.1	350.1	350.8
60°	310.1	313.1	316.2	319.1	329.8	340.3	337.3	333.5	334.2	335.0	335.7
62.5°	291.3	294.3	297.3	300.3	310.9	321.5	318.4	314.7	316.9	318.4	318.4
65°	273.1	275.4	278.4	281.4	291.3	301.1	298.0	295.0	298.0	300.3	301.8
67.5°	252.7	254.3	257.3	260.3	270.1	279.9	276.9	273.1	276.9	279.9	282.9
70°	229.3	230.9	234.7	237.6	247.5	257.3	253.6	249.7	253.6	257.3	260.3
72.5°	203.7	205.2	209.0	212.0	223.4	234.7	230.1	225.6	230.1	234.7	236.1
75°	175.8	177.3	181.8	185.7	196.9	208.3	204.5	199.9	203.7	207.5	208.3
77.5°	145.6	147.9	153.9	159.9	169.0	178.1	175.8	173.5	175.8	178.1	178.1
80°	113.9	116.2	123.7	130.5	135.8	141.1	141.9	142.6	143.4	144.1	143.4
82.5°	84.5	87.6	94.3	101.1	101.1	101.1	107.1	112.4	112.4	111.7	110.9
85°	52.1	55.8	61.9	67.9	64.1	60.4	70.1	79.2	79.2	78.4	76.9
87.5°	10.5	14.3	20.4	25.6	21.9	18.1	27.9	37.7	38.5	38.5	37.0
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: P383089
 CATALOG NUMBER: GAN-SA4B-735-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: P383089
 CATALOG NUMBER: GAN-SA4B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5
2.5°	4822.2	4881.1	4939.2	4954.2	4976.9	4986.8	4995.8	5069.8	5142.9	5229.0	5314.9
5°	3862.5	3906.3	3949.9	3956.7	3980.1	3992.2	4004.4	4094.1	4183.1	4303.1	4423.1
7.5°	2911.0	2921.5	2932.1	2930.6	2950.2	2976.7	3002.3	3098.1	3193.2	3322.2	3450.5
10°	2204.8	2228.9	2252.3	2274.2	2317.1	2367.0	2416.1	2514.2	2612.2	2739.7	2866.5
12.5°	1746.7	1774.7	1801.8	1826.0	1875.8	1942.2	2007.9	2125.5	2243.3	2395.7	2547.3
15°	1426.1	1423.8	1421.5	1438.1	1481.9	1554.4	1626.0	1750.6	1875.0	2042.5	2209.3
17.5°	1125.0	1113.7	1102.4	1115.2	1156.0	1215.6	1274.5	1380.1	1484.9	1647.2	1809.3
20°	909.9	902.4	894.8	907.0	932.6	957.5	982.4	1058.6	1134.1	1266.1	1397.4
22.5°	800.6	799.8	798.3	805.0	817.2	830.0	842.0	879.0	915.2	1000.5	1085.1
25°	736.4	735.6	734.9	738.0	747.8	757.5	767.3	791.5	815.7	856.4	897.2
27.5°	685.2	683.6	682.1	682.8	685.2	700.2	714.6	725.9	736.4	764.3	791.5
30°	643.6	642.9	642.1	642.1	639.9	645.1	650.4	667.7	684.4	713.0	741.7
32.5°	608.1	604.4	600.6	592.3	587.1	594.6	602.2	620.2	638.3	664.8	691.1
35°	563.7	553.8	543.3	538.7	539.5	547.0	554.6	572.7	590.0	618.7	646.7
37.5°	515.3	512.4	508.5	507.8	510.0	517.6	525.1	541.0	556.1	584.7	612.7
40°	488.2	486.6	485.1	483.7	485.1	492.7	500.2	515.3	529.7	557.6	584.7
42.5°	464.0	463.3	462.5	462.5	463.3	471.5	479.8	494.9	509.3	534.2	559.1
45°	440.6	441.4	441.4	443.0	445.2	453.5	461.0	477.6	494.2	518.4	542.5
47.5°	418.7	421.1	422.5	426.3	428.6	437.6	445.9	464.0	482.2	512.4	541.8
50°	399.9	402.1	403.6	406.7	412.8	423.3	433.8	455.7	476.9	527.4	577.2
52.5°	382.6	384.8	387.1	390.1	397.7	409.7	421.8	448.9	475.4	534.2	593.0
55°	366.8	369.0	370.5	375.0	382.6	393.1	402.9	436.2	469.3	512.4	555.3
57.5°	351.7	353.9	355.4	358.4	362.2	373.5	384.1	419.5	455.0	485.1	514.6
60°	335.7	337.3	338.1	338.1	341.0	353.9	366.8	411.9	456.5	451.2	445.2
62.5°	318.4	319.9	320.6	318.4	322.2	335.7	349.3	408.2	467.1	430.8	394.6
65°	302.6	301.8	301.1	298.8	303.3	316.9	329.8	359.2	388.5	374.2	359.9
67.5°	285.2	282.9	280.7	277.7	282.2	294.3	305.5	315.4	325.2	326.7	328.2
70°	263.3	260.3	257.3	256.5	258.8	268.7	278.4	285.2	291.3	294.3	296.5
72.5°	237.6	235.4	233.2	231.7	232.4	240.7	248.3	254.3	260.3	262.6	264.1
75°	209.0	209.0	208.3	203.7	203.7	210.5	216.6	221.8	227.1	230.1	233.2
77.5°	178.1	178.9	178.9	172.8	172.1	178.9	184.8	189.4	193.2	196.2	198.4
80°	142.6	141.1	139.5	135.8	134.3	142.6	150.2	153.9	157.0	157.7	157.7
82.5°	109.4	106.4	102.7	94.3	95.1	104.1	112.4	115.4	118.5	118.5	118.5
85°	74.7	68.7	61.9	55.1	55.8	65.7	74.7	77.7	80.8	82.3	83.0
87.5°	35.5	29.4	22.6	17.3	17.3	25.6	33.2	34.7	36.2	39.2	42.3
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: P383089
 CATALOG NUMBER: GAN-SA4B-735-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: P383089

CATALOG NUMBER: GAN-SA4B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5
2.5°	5380.6	5445.5	5512.6	5579.8	5656.7	5733.7	5823.5	5912.5	5988.7	6064.9	6128.4
5°	4526.5	4629.8	4751.3	4872.7	5027.5	5182.1	5371.5	5560.1	5728.5	5896.7	6092.1
7.5°	3585.5	3719.9	3878.3	4036.8	4236.7	4436.7	4681.9	4927.1	5164.8	5401.7	5702.0
10°	3007.6	3148.6	3304.9	3460.3	3664.1	3866.9	4126.6	4385.4	4652.4	4918.9	5258.3
12.5°	2704.3	2860.4	2997.7	3135.1	3300.4	3464.8	3716.0	3967.4	4281.2	4594.4	4921.1
15°	2380.6	2551.0	2715.6	2880.1	3060.4	3240.0	3484.5	3728.9	4072.3	4415.5	4791.3
17.5°	1988.9	2168.5	2369.2	2569.2	2804.6	3039.3	3352.4	3665.5	4072.3	4478.1	4921.1
20°	1580.7	1764.1	2004.0	2244.0	2536.8	2828.7	3234.7	3640.7	4188.4	4735.4	5300.6
22.5°	1247.2	1408.7	1670.5	1931.6	2269.6	2607.7	3128.3	3648.2	4364.2	5079.5	5842.4
25°	1011.1	1125.0	1382.3	1638.9	2028.9	2419.0	3063.4	3707.0	4620.0	5532.3	6478.4
27.5°	866.2	940.9	1180.8	1420.1	1846.3	2271.9	3037.0	3801.4	4944.5	6087.6	7170.3
30°	793.8	845.8	1048.8	1251.0	1684.1	2117.2	3005.3	3893.4	5256.8	6619.6	7711.4
32.5°	733.4	774.9	948.4	1121.2	1543.8	1966.3	2944.2	3921.3	5474.9	7028.5	8169.3
35°	682.1	716.8	867.7	1018.6	1433.7	1848.7	2841.6	3834.5	5611.5	7388.4	8646.3
37.5°	640.6	667.7	807.4	946.9	1338.5	1730.2	2724.6	3719.1	5732.9	7746.8	9182.7
40°	608.1	631.6	762.1	892.6	1248.0	1603.4	2624.3	3644.4	5900.4	8156.5	9749.3
42.5°	590.0	620.2	722.9	824.7	1162.0	1499.2	2543.5	3587.9	6055.9	8523.2	10245.1
45°	585.5	628.5	702.5	776.4	1097.8	1419.3	2471.9	3523.7	6156.2	8788.8	10618.5
47.5°	577.9	613.4	686.6	759.8	1066.2	1371.7	2433.4	3494.2	6256.6	9018.2	10928.6
50°	582.5	587.1	673.8	759.8	1061.6	1363.4	2477.2	3590.8	6473.9	9356.2	11283.3
52.5°	574.2	554.6	649.7	744.7	1060.8	1377.0	2603.1	3829.2	6877.6	9925.2	11667.4
55°	530.4	504.8	604.4	704.0	1045.0	1385.3	2753.3	4120.5	7419.3	10717.5	12357.7
57.5°	492.0	468.6	553.1	636.8	996.8	1356.6	2908.0	4458.6	7992.0	11524.7	13135.7
60°	440.6	435.4	495.8	556.1	922.0	1287.2	3035.4	4783.0	8376.8	11969.9	13435.2
62.5°	398.4	401.4	445.9	490.5	828.5	1165.7	3077.7	4989.0	8366.3	11743.6	13133.4
65°	365.9	371.2	415.0	458.8	748.5	1038.2	2938.9	4838.8	7943.0	11046.4	12536.6
67.5°	334.2	340.3	392.4	443.7	677.6	910.7	2591.8	4272.2	7181.7	10090.4	11777.6
70°	304.1	311.6	368.2	424.8	626.3	826.9	2144.4	3461.8	6228.7	8994.8	10898.5
72.5°	271.6	279.2	339.5	399.9	593.9	787.0	1748.2	2708.8	5054.7	7399.7	9322.3
75°	238.5	243.7	309.4	374.2	549.3	724.4	1371.7	2018.4	3868.5	5718.6	7041.3
77.5°	205.2	212.0	267.1	321.5	466.3	610.4	1033.7	1457.0	2838.5	4219.4	4897.0
80°	163.8	169.7	209.0	247.5	359.9	471.5	710.8	950.0	1953.5	2957.0	3338.9
82.5°	125.3	132.0	158.5	184.1	256.5	329.0	430.8	532.7	1297.8	2062.2	2093.8
85°	86.0	88.3	107.1	125.3	158.5	191.6	246.8	301.8	858.7	1415.5	1179.3
87.5°	43.0	43.0	55.8	68.7	85.2	101.8	130.5	158.5	274.6	390.9	224.9
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: P383089
 CATALOG NUMBER: GAN-SA4B-735-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: P383089

CATALOG NUMBER: GAN-SA4B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5
2.5°	6209.0	6264.2	6320.0	6362.2	6405.2	6467.1	6529.0	6540.3	6552.4	6528.2	6504.1
5°	6289.1	6455.8	6623.3	6777.9	6932.7	7025.5	7118.2	7137.1	7156.0	7097.9	7039.1
7.5°	5992.6	6283.0	6573.5	6839.9	7106.2	7267.7	7429.9	7466.1	7503.1	7408.0	7312.9
10°	5596.4	5953.2	6310.2	6661.0	7011.9	7246.5	7481.2	7528.0	7574.8	7456.3	7337.9
12.5°	5290.1	5671.1	6052.1	6421.8	6792.3	7035.2	7278.3	7336.3	7394.4	7308.5	7221.6
15°	5195.7	5554.2	5912.5	6234.8	6557.6	6756.1	6955.3	6978.7	7002.8	6989.2	6975.7
17.5°	5367.0	5690.7	6015.2	6190.2	6366.0	6445.2	6525.2	6550.8	6577.3	6611.2	6645.9
20°	5782.0	6009.9	6238.5	6230.9	6222.6	6184.2	6145.0	6138.2	6131.4	6228.7	6326.8
22.5°	6401.5	6492.0	6583.3	6371.3	6159.3	6030.3	5900.4	5874.8	5848.4	5951.8	6055.9
25°	7073.8	7057.1	7039.8	6636.2	6231.7	5985.8	5739.7	5711.0	5682.4	5770.7	5859.7
27.5°	7739.3	7630.6	7522.0	6973.4	6424.9	6068.0	5711.0	5682.4	5653.7	5732.2	5810.7
30°	8227.4	8053.1	7878.8	7257.9	6636.9	6212.9	5788.8	5742.0	5694.5	5791.1	5887.7
32.5°	8608.5	8374.6	8140.7	7488.7	6836.8	6378.1	5919.3	5846.1	5773.0	5902.0	6031.0
35°	8988.8	8659.8	8330.1	7694.8	7058.7	6573.5	6087.6	5997.8	5908.0	6085.3	6262.6
37.5°	9467.1	8994.8	8521.7	7926.4	7331.1	6866.3	6400.8	6308.6	6216.6	6442.2	6668.6
40°	9986.3	9356.2	8726.2	8179.9	7633.7	7271.5	6908.5	6821.0	6732.7	7007.4	7282.0
42.5°	10417.9	9692.8	8967.6	8485.5	8002.6	7747.6	7491.8	7491.0	7489.5	7767.9	8046.3
45°	10768.7	9973.4	9177.4	8783.6	8389.0	8256.1	8123.3	8229.7	8336.1	8587.4	8839.4
47.5°	11030.5	10208.8	9386.4	9124.6	8862.7	8882.4	8902.0	9118.5	9335.1	9496.6	9658.8
50°	11201.0	10422.3	9642.9	9562.2	9481.5	9657.3	9833.9	10082.0	10331.0	10441.3	10551.5
52.5°	11449.3	10712.1	9974.2	10064.7	10155.3	10514.5	10873.6	11124.8	11376.2	11416.9	11458.4
55°	12023.5	11244.8	10465.4	10638.9	10813.2	11339.9	11867.4	12063.5	12259.6	12274.7	12289.8
57.5°	12839.1	11991.1	11143.0	11330.1	11517.2	12125.4	12734.3	12945.5	13157.6	13128.1	13097.9
60°	13449.6	12699.6	11948.8	12137.4	12326.1	12919.2	13512.2	13755.1	13998.9	13934.0	13869.1
62.5°	13487.3	13086.7	12685.3	12855.7	13027.0	13608.0	14189.1	14438.8	14688.5	14575.4	14462.2
65°	12887.5	13067.0	13246.6	13303.2	13359.8	13901.6	14444.0	14635.0	14826.6	14769.2	14711.9
67.5°	12061.2	12723.0	13385.4	13271.5	13157.6	13411.9	13666.2	13863.1	14060.0	14027.5	13994.4
70°	11236.5	12120.1	13003.7	12443.8	11883.2	11778.3	11673.4	11885.4	12098.2	11966.9	11834.8
72.5°	9832.3	10774.0	11716.4	10684.9	9653.5	9295.1	8936.7	9206.1	9475.4	9266.5	9056.7
75°	7718.2	8758.6	9799.9	8569.2	7338.6	6860.2	6381.8	6613.5	6845.1	6701.7	6557.6
77.5°	5745.8	6771.2	7796.6	6545.6	5293.8	4938.4	4582.3	4650.9	4720.3	4696.2	4671.3
80°	3897.1	4611.7	5327.1	4494.0	3661.0	3688.2	3716.0	3683.6	3650.5	3698.7	3747.1
82.5°	2487.0	3038.5	3590.8	3148.6	2706.5	2960.1	3213.6	3089.1	2963.8	3009.8	3056.6
85°	1419.3	1958.8	2499.1	2329.2	2158.8	2306.6	2455.3	2262.1	2069.0	2153.5	2238.7
87.5°	374.2	1083.5	1793.5	1628.3	1463.1	1271.4	1079.8	824.0	568.2	830.0	1091.8
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: P383089
 CATALOG NUMBER: GAN-SA4B-735-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



REPORT NUMBER: P383089

CATALOG NUMBER: GAN-SA4B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5	5749.5
2.5°	6491.3	6478.4	6432.4	6385.7	6316.2	6258.9	6159.3
5°	6957.5	6876.0	6735.7	6594.6	6437.6	6257.4	6057.4
7.5°	7122.8	6931.9	6662.5	6392.4	6149.4	5864.3	5598.6
10°	7052.7	6766.7	6416.6	6065.7	5770.7	5442.5	5147.5
12.5°	6918.3	6614.3	6228.7	5842.4	5506.6	5154.3	4823.7
15°	6733.5	6490.5	6129.1	5767.7	5429.6	5087.1	4695.5
17.5°	6531.3	6415.8	6154.7	5892.9	5600.2	5268.2	4808.6
20°	6368.2	6410.5	6306.4	6202.2	5967.6	5677.9	5161.8
22.5°	6258.1	6461.1	6541.0	6621.8	6480.7	6254.3	5657.5
25°	6196.3	6532.8	6800.6	7069.2	7006.6	6832.3	6259.6
27.5°	6223.4	6636.2	7051.9	7468.4	7526.4	7478.2	6894.2
30°	6304.9	6722.9	7229.2	7736.2	7967.9	8032.7	7423.1
32.5°	6440.7	6850.4	7402.0	7954.3	8304.4	8511.2	7906.8
35°	6645.9	7029.3	7604.2	8179.2	8631.9	9009.2	8406.3
37.5°	6998.3	7328.0	7858.4	8389.7	8976.7	9543.3	8956.4
40°	7514.4	7747.6	8195.8	8644.7	9383.4	10148.5	9569.8
42.5°	8165.6	8285.6	8640.9	8996.3	9808.2	10697.8	10169.6
45°	8871.0	8902.7	9126.1	9350.2	10144.7	11072.0	10620.1
47.5°	9550.1	9441.5	9530.6	9619.5	10402.8	11339.2	10961.9
50°	10248.9	9946.3	9899.5	9852.7	10660.8	11653.8	11396.5
52.5°	10959.7	10460.9	10276.0	10090.4	10968.7	12071.1	11937.5
55°	11655.3	11020.8	10771.8	10522.8	11439.5	12580.4	12732.0
57.5°	12378.9	11659.8	11429.0	11198.0	12131.5	13225.5	13445.0
60°	13157.6	12445.3	12260.5	12074.8	12991.5	13922.6	13762.7
62.5°	13896.3	13330.4	13233.0	13134.9	13861.5	14458.4	13639.0
65°	14389.7	14066.8	14157.3	14248.7	14519.5	14591.9	13276.8
67.5°	14060.0	14125.6	14508.2	14891.5	14705.1	14195.0	12563.0
70°	12228.0	12621.8	13528.0	14435.0	14021.6	13131.9	11281.8
72.5°	9498.8	9941.8	11287.1	12633.2	12252.1	11162.5	9266.5
75°	7057.1	7557.5	9042.3	10527.2	9998.3	8349.6	6634.7
77.5°	5006.3	5341.3	6807.4	8274.2	7411.8	5557.9	4464.5
80°	3644.4	3541.7	4359.0	5176.1	5032.8	3676.1	2867.2
82.5°	2806.1	2555.6	2940.4	3325.3	3304.1	2551.0	2103.6
85°	2138.4	2038.0	2378.3	2718.6	2427.3	1727.9	1337.1
87.5°	1246.5	1401.9	1802.5	2204.0	1654.0	524.4	259.5
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: P383089
 CATALOG NUMBER: GAN-SA4B-735-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)