

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: P383537

Luminaire Tested: **GAN-SA8B-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383537
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-SA8B-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 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: 37493.9 lumens
Efficiency: N/A
Efficacy: 112.3 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

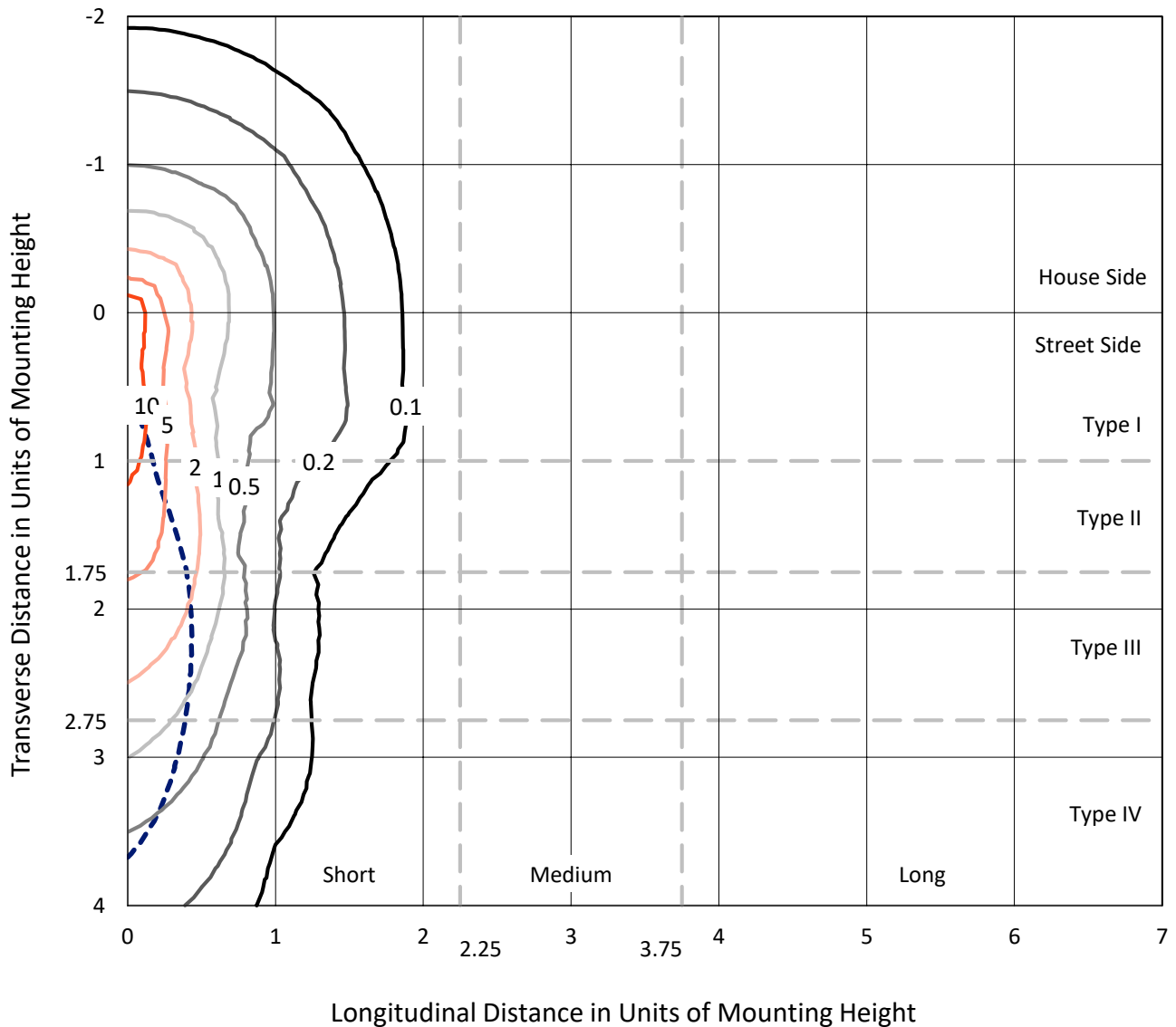
Input Watts (W): 334
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P383537
 CATALOG NUMBER: GAN-SA8B-735-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

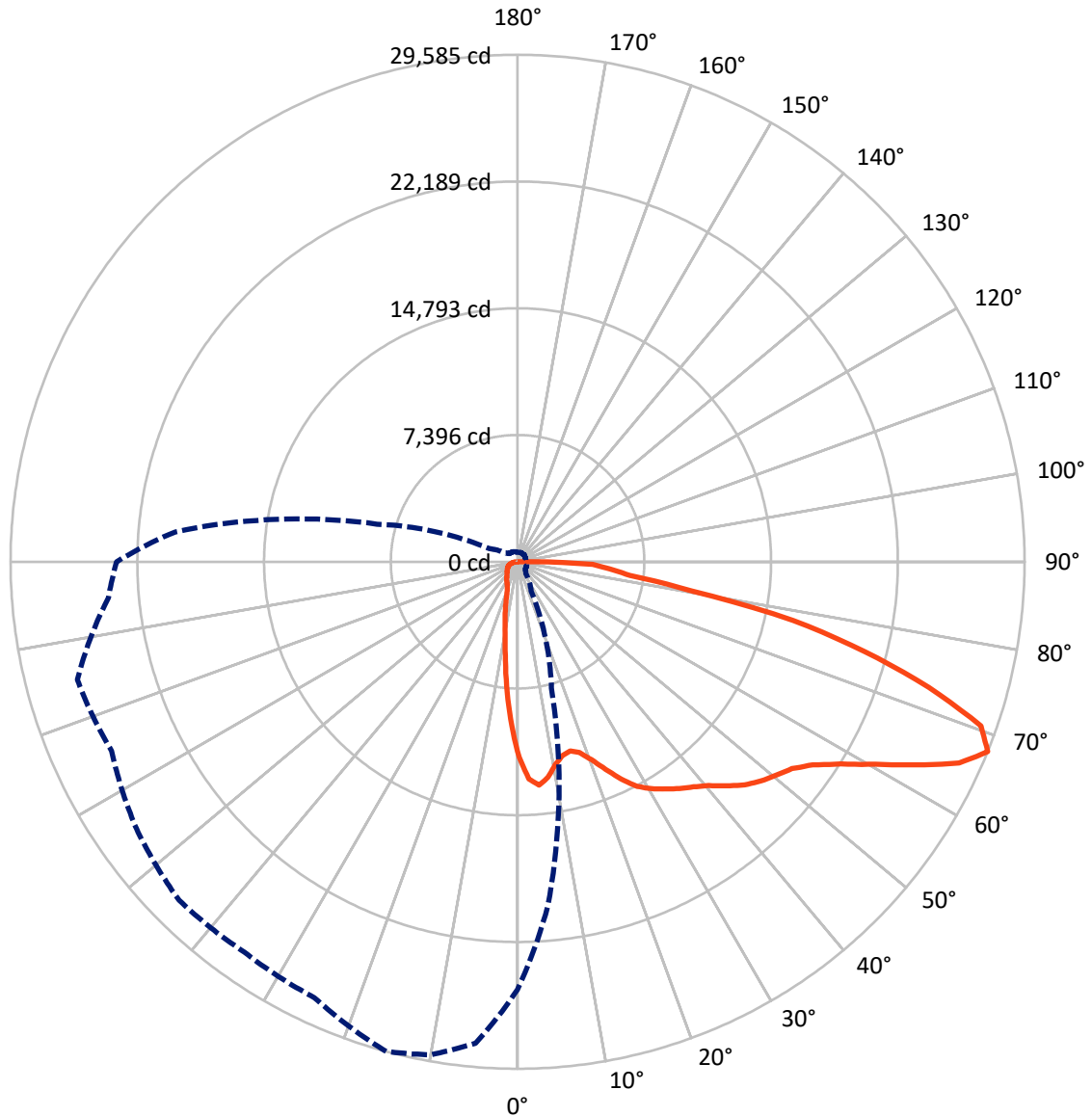
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.3 fc
 Type IV - Medium - N/A

REPORT NUMBER: P383537
CATALOG NUMBER: GAN-SA8B-735-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P383537
 CATALOG NUMBER: GAN-SA8B-735-U-SLR

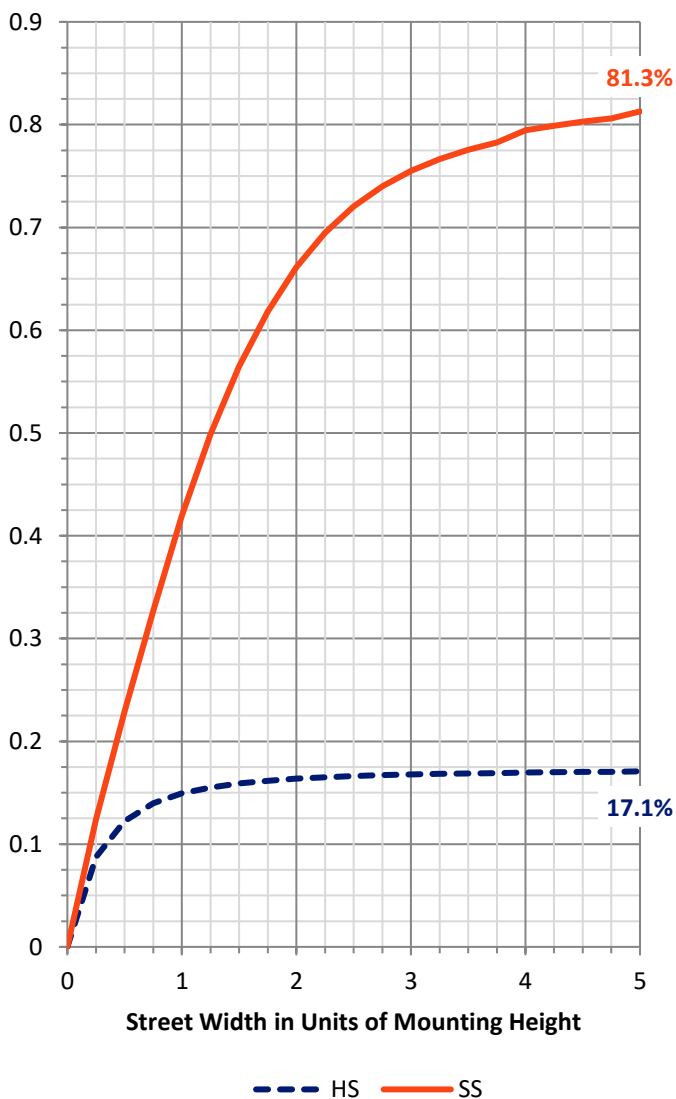
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6481.9	0.0	6481.9
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	31012.0	0.0	31012.0
	% Fixture	82.7	0.0	82.7
Total	Lumens	37493.9	0.0	37493.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	881.6	2.4
10°-20°	1831.4	4.9
20°-30°	2604.6	6.9
30°-40°	3753.3	10.0
40°-50°	5289.4	14.1
50°-60°	7353.2	19.6
60°-70°	8892.2	23.7
70°-80°	5465.9	14.6
80°-90°	1422.3	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°	37493.9	100.0
0°-180°	37493.9	100.0

Coefficient of Utilization

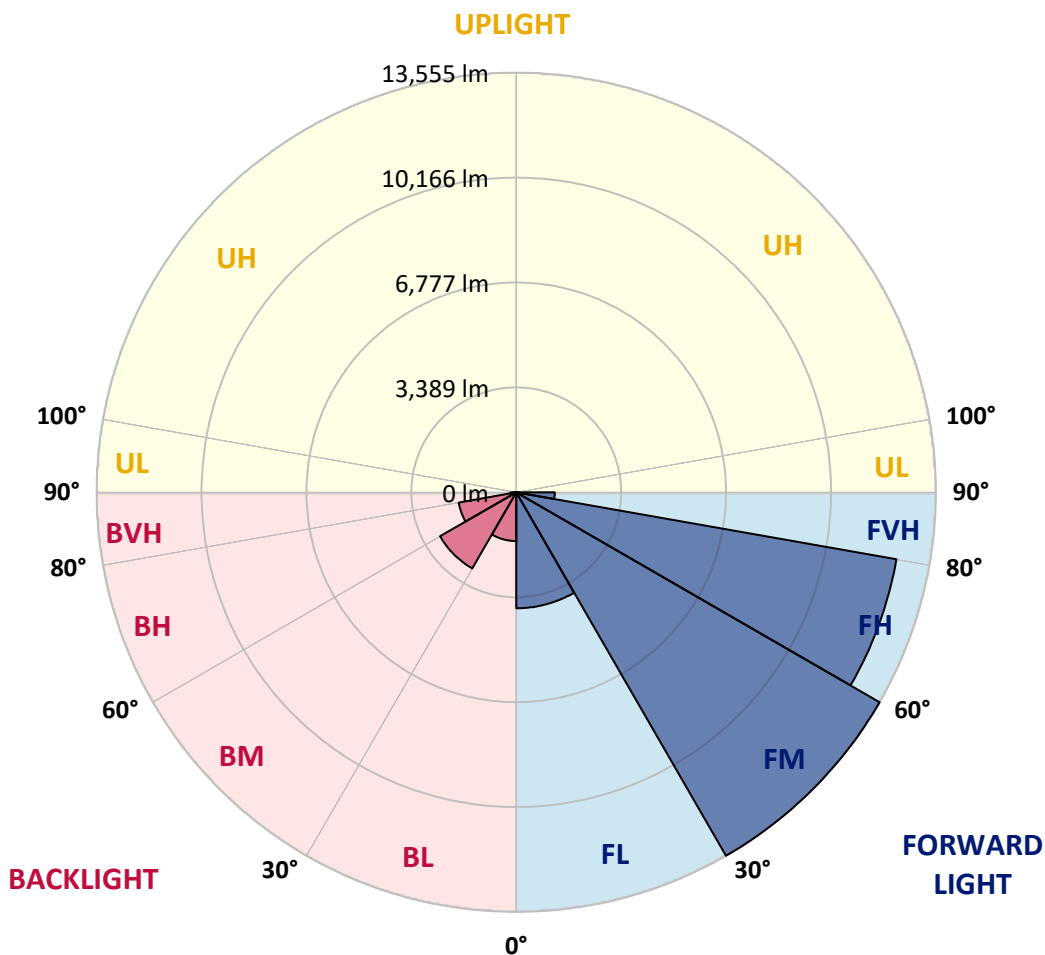


REPORT NUMBER: P383537
 CATALOG NUMBER: GAN-SA8B-735-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3743.8	10.0			
FM (30°-60°)	13555.0	36.2			
FH (60°-80°)	12469.2	33.3			G5
FVH (80°-90°)	1244.0	3.3			G5
BL (0°-30°)	1573.7	4.2	B3/2500		
BM (30°-60°)	2840.9	7.6	B3/5000		
BH (60°-80°)	1888.9	5.0	B3/2500		G3/2500
BVH (80°-90°)	178.3	0.5			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 IV Medium





REPORT NUMBER: P383537

CATALOG NUMBER: GAN-SA8B-735-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7
2.5°	12236.7	12128.8	11965.4	11802.1	11680.6	11557.7	11418.3	11278.9	11120.0	10959.6	10865.1
5°	12034.4	11734.6	11344.9	10955.1	10697.2	10439.4	10147.1	9854.7	9565.4	9276.2	9120.2
7.5°	11123.0	10673.2	10166.5	9659.9	9285.1	8908.9	8504.1	8097.9	7738.1	7376.8	7153.4
10°	10226.5	9686.9	9105.2	8522.1	8042.4	7562.7	7156.4	6748.7	6477.4	6206.1	6000.7
12.5°	9583.4	8985.3	8345.2	7703.6	7224.0	6744.2	6486.4	6228.5	6003.7	5778.9	5542.0
15°	9328.6	8652.5	7997.4	7340.9	6904.6	6468.4	6182.1	5894.3	5592.9	5290.2	4999.3
17.5°	9553.5	8762.0	8049.9	7337.9	6766.7	6195.5	5795.3	5393.6	4996.4	4599.1	4261.8
20°	10255.0	9244.7	8313.7	7381.3	6621.3	5861.3	5324.6	4786.5	4276.8	3767.1	3384.9
22.5°	11239.9	9902.7	8687.0	7471.3	6489.3	5506.0	4833.0	4158.3	3555.7	2953.1	2578.3
25°	12436.2	10775.2	9225.1	7673.6	6435.4	5195.7	4368.2	3540.7	2905.1	2268.0	2001.2
27.5°	13696.8	11815.5	9893.7	7970.4	6444.4	4918.4	3977.0	3034.1	2461.4	1888.8	1705.9
30°	14747.7	13004.2	10673.2	8340.7	6478.9	4617.0	3608.3	2599.4	2127.2	1655.0	1536.5
32.5°	15708.6	13833.2	11260.8	8687.0	6517.9	4347.3	3323.4	2298.0	1912.7	1526.1	1428.6
35°	16700.9	14569.3	11671.6	8772.5	6450.4	4126.8	3128.5	2130.2	1774.9	1418.1	1335.7
37.5°	17793.8	15365.2	12067.4	8767.9	6336.5	3905.0	2977.1	2047.7	1684.9	1320.7	1260.7
40°	19012.4	16245.2	12496.1	8747.0	6233.1	3717.6	2864.7	2010.2	1635.4	1259.2	1208.2
42.5°	20204.2	17084.7	12894.9	8704.9	6149.1	3591.8	2753.7	1915.8	1590.5	1263.7	1191.7
45°	21099.2	17817.7	13241.1	8663.0	6086.2	3509.2	2666.8	1824.3	1548.5	1272.7	1181.3
47.5°	21778.2	18553.7	13624.9	8694.5	6080.1	3465.8	2605.4	1744.9	1469.1	1191.7	1154.3
50°	22641.6	19438.2	14184.0	8929.8	6162.6	3395.3	2533.4	1670.0	1392.7	1115.2	1166.3
52.5°	23716.5	20700.4	15050.5	9399.0	6335.0	3270.9	2419.5	1568.0	1299.7	1029.8	1109.3
55°	25295.0	22317.8	16158.3	9997.2	6543.4	3088.1	2247.1	1404.6	1176.7	947.4	1017.8
57.5°	26711.6	23951.9	17221.1	10488.9	6673.8	2857.1	2029.7	1202.3	1038.9	875.5	915.9
60°	27342.7	24794.3	17718.8	10641.7	6595.8	2549.9	1785.4	1019.4	917.4	815.5	808.0
62.5°	27096.9	24259.2	17228.6	10198.0	6215.1	2232.1	1569.5	907.0	830.5	752.5	736.0
65°	26377.3	22577.2	15855.5	9133.7	5572.0	2010.2	1433.1	856.0	770.5	685.1	667.1
67.5°	24959.2	20183.2	13909.7	7636.2	4755.0	1873.8	1355.1	836.4	733.0	628.1	607.1
70°	22413.8	17302.0	11668.6	6033.6	3912.5	1789.9	1304.2	818.5	692.6	565.2	545.7
72.5°	18409.8	13872.2	9318.1	4762.4	3270.9	1779.3	1298.2	817.0	659.5	502.2	484.2
75°	13181.1	10536.8	7113.0	3687.6	2678.8	1670.0	1232.3	794.5	614.6	433.3	416.8
77.5°	8869.9	7292.9	4943.9	2593.3	1987.7	1382.1	1035.9	689.5	526.1	362.7	346.3
80°	5696.4	5047.3	3312.9	1578.5	1289.2	999.8	740.5	481.2	383.8	284.8	271.4
82.5°	4179.4	3756.7	2302.5	848.5	716.5	583.1	452.7	322.3	262.3	202.3	196.4
85°	2656.3	2929.2	1695.4	461.7	377.7	293.8	242.9	191.9	151.4	110.9	110.9
87.5°	515.7	713.6	469.2	223.4	163.4	103.4	88.4	71.9	40.4	7.5	9.0
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: P383537
 CATALOG NUMBER: GAN-SA8B-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: P383537

CATALOG NUMBER: GAN-SA8B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7
2.5°	10769.2	10665.8	10562.4	10445.4	10327.0	10217.5	10106.6	9985.2	10007.6	9914.7	9821.8
5°	8964.3	8799.4	8633.0	8489.1	8345.2	8220.8	8094.9	7982.4	8079.9	8013.9	7948.0
7.5°	6928.6	6724.7	6519.3	6347.0	6174.6	6041.2	5906.3	5813.3	5909.3	5897.3	5885.2
10°	5795.3	5597.5	5398.0	5207.7	5017.3	4855.4	4692.0	4554.1	4530.1	4461.2	4390.8
12.5°	5303.7	5032.3	4759.5	4560.1	4360.8	4167.4	3974.0	3812.1	3738.7	3624.7	3509.2
15°	4708.5	4387.7	4067.0	3840.6	3612.7	3425.3	3236.5	3097.0	3050.5	2962.1	2873.6
17.5°	3924.5	3573.7	3223.0	2993.6	2762.8	2612.8	2461.4	2368.5	2368.5	2343.0	2317.5
20°	3002.6	2689.3	2376.0	2200.6	2025.2	1945.7	1864.9	1825.8	1837.9	1839.3	1839.3
22.5°	2202.1	2010.2	1818.4	1747.9	1675.9	1647.4	1618.9	1602.4	1608.5	1610.0	1611.5
25°	1734.4	1660.9	1586.0	1550.0	1512.6	1494.6	1476.6	1470.5	1484.0	1485.5	1485.5
27.5°	1523.1	1478.1	1431.6	1409.2	1385.1	1377.7	1370.1	1359.6	1373.1	1373.1	1371.6
30°	1416.6	1368.6	1320.7	1292.1	1263.7	1266.7	1268.2	1265.2	1274.2	1280.2	1284.7
32.5°	1329.7	1283.2	1236.7	1208.2	1178.2	1173.7	1169.3	1166.3	1185.8	1196.2	1206.7
35°	1251.7	1200.8	1149.8	1122.8	1095.8	1085.3	1074.8	1067.4	1085.3	1098.8	1112.3
37.5°	1199.3	1146.7	1092.8	1067.4	1040.4	1026.8	1013.3	1004.4	1011.8	1017.8	1023.9
40°	1157.3	1103.3	1047.8	1017.8	987.9	974.4	960.9	953.4	957.9	959.4	960.9
42.5°	1118.3	1065.8	1013.3	980.4	945.9	929.4	912.9	904.0	907.0	909.9	911.4
45°	1089.8	1037.4	983.3	944.4	904.0	885.9	867.9	857.5	859.0	859.0	859.0
47.5°	1116.8	1040.4	962.4	917.4	870.9	849.9	829.0	818.5	815.5	812.5	809.5
50°	1215.8	1085.3	953.4	896.4	837.9	815.5	791.5	779.5	772.0	769.0	766.0
52.5°	1187.3	1074.8	960.9	887.4	812.5	785.5	758.6	739.0	731.5	727.1	722.5
55°	1086.8	1016.3	944.4	856.0	767.5	743.6	718.0	704.5	691.0	688.0	685.1
57.5°	954.9	926.4	897.9	808.0	718.0	695.6	671.6	662.6	650.6	650.6	649.1
60°	799.0	841.0	882.9	779.5	674.5	649.1	623.6	616.1	611.7	610.1	608.6
62.5°	718.0	787.0	854.4	745.1	634.1	607.1	580.2	571.1	569.6	571.1	571.1
65°	649.1	670.1	691.0	640.1	589.1	562.2	533.7	524.6	527.6	532.2	536.7
67.5°	586.1	581.7	577.1	559.1	539.6	517.2	493.2	484.2	485.7	491.7	497.7
70°	526.1	520.2	512.6	499.2	485.7	466.2	446.7	440.7	439.2	446.7	452.7
72.5°	466.2	458.7	449.8	439.2	427.2	410.7	394.2	389.8	391.2	395.7	400.3
75°	400.3	394.2	386.8	377.7	367.3	352.3	337.3	334.3	337.3	341.8	346.3
77.5°	328.3	326.8	323.8	316.3	308.8	292.3	274.3	272.9	277.3	281.8	284.8
80°	256.4	257.9	259.3	253.4	247.3	229.3	209.9	208.4	212.9	217.3	221.9
82.5°	188.9	193.4	196.4	188.9	181.4	160.4	139.5	136.4	151.4	155.9	160.4
85°	109.5	115.4	121.4	115.4	109.5	88.4	67.4	66.0	79.5	86.9	94.5
87.5°	9.0	12.0	15.0	13.5	12.0	6.0	0.0	0.0	1.5	7.5	13.5
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: P383537
 CATALOG NUMBER: GAN-SA8B-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: P383537

CATALOG NUMBER: GAN-SA8B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7
2.5°	9763.3	9704.9	9686.9	9668.9	9603.0	9535.4	9604.4	9671.9	9700.4	9728.8	9655.4
5°	7938.9	7928.5	7928.5	7927.0	7867.0	7805.5	7852.0	7897.0	7796.6	7696.2	7685.6
7.5°	5949.7	6014.2	6066.6	6117.7	6098.1	6078.6	6122.1	6165.6	6038.2	5909.3	5846.3
10°	4405.8	4419.2	4476.2	4533.1	4546.6	4558.6	4612.6	4665.0	4566.1	4467.1	4423.7
12.5°	3437.3	3365.4	3372.9	3378.8	3405.8	3431.4	3488.3	3543.8	3503.3	3461.4	3465.8
15°	2783.7	2692.3	2654.8	2615.9	2645.8	2675.8	2716.3	2755.2	2756.7	2756.7	2795.8
17.5°	2272.6	2226.1	2188.6	2149.6	2190.1	2229.1	2233.6	2238.0	2239.6	2241.1	2238.0
20°	1861.8	1884.3	1872.3	1860.3	1875.3	1888.8	1900.8	1911.3	1897.8	1882.8	1845.3
22.5°	1632.4	1651.9	1666.9	1680.4	1705.9	1729.9	1717.9	1704.5	1677.4	1648.9	1620.4
25°	1499.0	1512.6	1527.6	1542.5	1563.5	1583.0	1562.0	1541.1	1521.5	1502.0	1482.6
27.5°	1386.6	1400.1	1413.6	1425.6	1445.1	1463.1	1443.6	1424.1	1407.6	1391.1	1376.1
30°	1295.2	1304.2	1314.7	1325.1	1343.1	1359.6	1343.1	1325.1	1313.2	1299.7	1289.2
32.5°	1217.3	1226.2	1230.8	1235.2	1251.7	1268.2	1256.2	1244.2	1233.7	1223.2	1215.8
35°	1131.7	1149.8	1152.8	1155.8	1172.3	1188.7	1181.3	1172.3	1160.2	1148.3	1134.8
37.5°	1044.8	1065.8	1077.8	1088.3	1104.8	1121.3	1113.8	1106.3	1089.8	1073.3	1049.3
40°	971.4	980.4	1002.9	1023.9	1050.9	1076.3	1061.3	1044.8	1019.4	993.9	981.9
42.5°	909.9	908.4	929.4	950.4	990.9	1029.8	1002.9	975.9	951.9	927.9	924.9
45°	856.0	851.4	862.0	872.5	915.9	957.9	930.9	902.4	889.0	875.5	875.5
47.5°	808.0	805.0	812.5	818.5	845.5	870.9	857.5	844.0	836.4	829.0	830.5
50°	764.5	761.5	769.0	775.0	785.5	794.5	797.5	799.0	794.5	790.0	793.0
52.5°	724.0	724.0	727.1	728.6	742.1	755.5	755.5	754.0	754.0	754.0	757.0
55°	689.5	692.6	692.6	692.6	713.6	733.0	727.1	721.0	722.5	722.5	725.6
57.5°	655.1	659.5	662.6	665.6	686.6	707.5	701.5	695.6	695.6	695.6	697.1
60°	616.1	622.1	628.1	634.1	655.1	676.1	670.1	662.6	664.1	665.6	667.1
62.5°	578.7	584.6	590.6	596.7	617.6	638.6	632.6	625.1	629.6	632.6	632.6
65°	542.6	547.2	553.2	559.1	578.7	598.1	592.1	586.1	592.1	596.7	599.6
67.5°	502.2	505.2	511.1	517.2	536.7	556.1	550.2	542.6	550.2	556.1	562.2
70°	455.7	458.7	466.2	472.2	491.7	511.1	503.7	496.1	503.7	511.1	517.2
72.5°	404.8	407.7	415.2	421.2	443.7	466.2	457.2	448.3	457.2	466.2	469.2
75°	349.2	352.3	361.3	368.8	391.2	413.7	406.2	397.2	404.8	412.2	413.7
77.5°	289.3	293.8	305.8	317.8	335.8	353.8	349.2	344.8	349.2	353.8	353.8
80°	226.4	230.8	245.8	259.3	269.9	280.3	281.8	283.3	284.8	286.4	284.8
82.5°	167.9	173.9	187.4	200.8	200.8	200.8	212.9	223.4	223.4	221.9	220.4
85°	103.4	110.9	123.0	134.9	127.4	119.9	139.5	157.4	157.4	155.9	152.9
87.5°	21.0	28.5	40.4	51.0	43.5	36.0	55.4	75.0	76.5	76.5	73.5
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: P383537
 CATALOG NUMBER: GAN-SA8B-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: P383537

CATALOG NUMBER: GAN-SA8B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7
2.5°	9580.4	9697.3	9812.8	9842.7	9887.7	9907.2	9925.2	10072.1	10217.5	10388.4	10559.3
5°	7673.6	7760.6	7847.5	7861.1	7907.5	7931.5	7955.4	8133.8	8310.7	8549.1	8787.5
7.5°	5783.3	5804.3	5825.3	5822.3	5861.3	5913.7	5964.7	6155.1	6344.0	6600.3	6855.2
10°	4380.2	4428.2	4474.7	4518.1	4603.6	4702.5	4800.0	4994.9	5189.7	5443.0	5694.9
12.5°	3470.3	3525.7	3579.8	3627.7	3726.7	3858.6	3989.0	4222.8	4456.7	4759.5	5060.8
15°	2833.2	2828.7	2824.2	2857.1	2944.2	3088.1	3230.4	3477.8	3725.2	4057.9	4389.3
17.5°	2235.1	2212.6	2190.1	2215.6	2296.5	2414.9	2531.9	2741.7	2950.1	3272.4	3594.7
20°	1807.9	1792.9	1777.9	1801.9	1852.8	1902.3	1951.8	2103.2	2253.0	2515.4	2776.2
22.5°	1590.5	1589.0	1586.0	1599.5	1623.5	1648.9	1673.0	1746.4	1818.4	1987.7	2155.6
25°	1463.1	1461.6	1460.1	1466.1	1485.5	1505.0	1524.6	1572.5	1620.4	1701.4	1782.3
27.5°	1361.2	1358.1	1355.1	1356.6	1361.2	1391.1	1419.6	1442.1	1463.1	1518.5	1572.5
30°	1278.7	1277.2	1275.7	1275.7	1271.2	1281.7	1292.1	1326.6	1359.6	1416.6	1473.5
32.5°	1208.2	1200.8	1193.2	1176.7	1166.3	1181.3	1196.2	1232.3	1268.2	1320.7	1373.1
35°	1119.8	1100.3	1079.3	1070.3	1071.8	1086.8	1101.8	1137.8	1172.3	1229.2	1284.7
37.5°	1023.9	1017.8	1010.4	1008.9	1013.3	1028.3	1043.3	1074.8	1104.8	1161.7	1217.3
40°	969.9	966.9	963.9	960.9	963.9	978.9	993.9	1023.9	1052.4	1107.8	1161.7
42.5°	922.0	920.5	918.9	918.9	920.5	937.0	953.4	983.3	1011.8	1061.3	1110.8
45°	875.5	877.0	877.0	879.9	884.4	900.9	915.9	948.9	981.9	1029.8	1077.8
47.5°	832.0	836.4	839.5	847.0	851.4	869.4	885.9	922.0	957.9	1017.8	1076.3
50°	794.5	799.0	802.0	808.0	819.9	841.0	862.0	905.5	947.4	1047.8	1146.7
52.5°	760.0	764.5	769.0	775.0	790.0	814.0	837.9	892.0	944.4	1061.3	1178.2
55°	728.6	733.0	736.0	745.1	760.0	781.0	800.5	866.4	932.4	1017.8	1103.3
57.5°	698.6	703.0	706.0	712.1	719.5	742.1	763.0	833.5	904.0	963.9	1022.4
60°	667.1	670.1	671.6	671.6	677.6	703.0	728.6	818.5	907.0	896.4	884.4
62.5°	632.6	635.6	637.1	632.6	640.1	667.1	694.1	811.0	927.9	856.0	784.0
65°	601.1	599.6	598.1	593.6	602.6	629.6	655.1	713.6	772.0	743.6	715.1
67.5°	566.7	562.2	557.6	551.7	560.6	584.6	607.1	626.6	646.1	649.1	652.1
70°	523.2	517.2	511.1	509.6	514.2	533.7	553.2	566.7	578.7	584.6	589.1
72.5°	472.2	467.7	463.2	460.2	461.7	478.2	493.2	505.2	517.2	521.7	524.6
75°	415.2	415.2	413.7	404.8	404.8	418.3	430.2	440.7	451.2	457.2	463.2
77.5°	353.8	355.3	355.3	343.3	341.8	355.3	367.3	376.3	383.8	389.8	394.2
80°	283.3	280.3	277.3	269.9	266.8	283.3	298.3	305.8	311.8	313.3	313.3
82.5°	217.3	211.4	203.9	187.4	188.9	206.9	223.4	229.3	235.3	235.3	235.3
85°	148.4	136.4	123.0	109.5	110.9	130.4	148.4	154.4	160.4	163.4	164.9
87.5°	70.4	58.5	45.0	34.5	34.5	51.0	66.0	68.9	71.9	78.0	83.9
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: P383537
 CATALOG NUMBER: GAN-SA8B-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: P383537

CATALOG NUMBER: GAN-SA8B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7
2.5°	10689.7	10818.6	10952.0	11085.5	11238.4	11391.2	11569.6	11746.5	11898.0	12049.4	12175.3
5°	8992.8	9198.2	9439.6	9680.8	9988.1	10295.5	10671.7	11046.5	11380.8	11715.0	12103.3
7.5°	7123.5	7390.3	7705.1	8019.9	8417.2	8814.4	9301.6	9788.8	10261.0	10731.7	11328.4
10°	5975.2	6255.5	6565.8	6874.6	7279.4	7682.7	8198.3	8712.5	9243.2	9772.3	10446.8
12.5°	5372.6	5682.9	5955.8	6228.5	6556.9	6883.7	7382.8	7882.0	8505.6	9127.7	9776.8
15°	4729.5	5068.3	5395.1	5721.8	6080.1	6436.9	6922.6	7408.3	8090.4	8772.5	9518.9
17.5°	3951.5	4308.3	4707.0	5104.2	5572.0	6038.2	6660.3	7282.4	8090.4	8896.8	9776.8
20°	3140.5	3504.8	3981.4	4458.2	5039.8	5619.9	6426.5	7232.9	8321.2	9408.1	10530.9
22.5°	2477.9	2798.7	3318.9	3837.6	4509.2	5180.7	6215.1	7247.9	8670.5	10091.6	11607.2
25°	2008.7	2235.1	2746.3	3255.9	4031.0	4805.9	6086.2	7364.8	9178.7	10991.1	12870.8
27.5°	1720.9	1869.3	2346.0	2821.2	3668.2	4513.6	6033.6	7552.2	9823.3	12094.4	14245.5
30°	1577.0	1680.4	2083.7	2485.5	3345.8	4206.3	5970.8	7735.1	10443.9	13151.1	15320.3
32.5°	1457.0	1539.6	1884.3	2227.6	3067.0	3906.5	5849.3	7790.5	10877.1	13963.6	16230.3
35°	1355.1	1424.1	1723.9	2023.7	2848.2	3672.7	5645.5	7618.2	11148.5	14678.7	17177.6
37.5°	1272.7	1326.6	1603.9	1881.4	2659.3	3437.3	5413.0	7388.8	11389.8	15390.7	18243.4
40°	1208.2	1254.7	1514.0	1773.4	2479.4	3185.5	5213.7	7240.5	11722.6	16204.7	19369.2
42.5°	1172.3	1232.3	1436.1	1638.5	2308.6	2978.6	5053.3	7128.0	12031.4	16933.3	20354.1
45°	1163.2	1248.7	1395.6	1542.5	2181.1	2819.7	4910.9	7000.6	12230.8	17460.9	21096.1
47.5°	1148.3	1218.7	1364.2	1509.6	2118.2	2725.2	4834.5	6942.1	12430.1	17916.6	21712.2
50°	1157.3	1166.3	1338.6	1509.6	2109.2	2708.8	4921.4	7134.0	12861.9	18588.2	22416.8
52.5°	1140.8	1101.8	1290.7	1479.6	2107.6	2735.8	5171.8	7607.7	13663.8	19718.5	23179.8
55°	1053.9	1002.9	1200.8	1398.6	2076.1	2752.3	5470.0	8186.3	14740.2	21292.5	24551.4
57.5°	977.4	930.9	1098.8	1265.2	1980.3	2695.2	5777.4	8857.9	15877.9	22896.5	26096.9
60°	875.5	864.9	984.8	1104.8	1831.8	2557.4	6030.7	9502.4	16642.5	23780.9	26692.1
62.5°	791.5	797.5	885.9	974.4	1646.0	2316.0	6114.6	9911.8	16621.5	23331.3	26092.5
65°	727.1	737.5	824.5	911.4	1487.0	2062.7	5838.8	9613.4	15780.5	21946.1	24906.7
67.5°	664.1	676.1	779.5	881.4	1346.2	1809.3	5149.2	8487.6	14268.0	20046.8	23398.7
70°	604.1	619.1	731.5	844.0	1244.2	1643.0	4260.3	6877.6	12374.7	17870.2	21652.2
72.5°	539.6	554.6	674.5	794.5	1179.7	1563.5	3473.3	5381.6	10042.2	14701.2	18520.7
75°	473.7	484.2	614.6	743.6	1091.3	1439.1	2725.2	4009.9	7685.6	11361.3	13989.1
77.5°	407.7	421.2	530.7	638.6	926.4	1212.7	2053.7	2894.7	5639.4	8382.7	9728.8
80°	325.3	337.3	415.2	491.7	715.1	937.0	1412.1	1887.3	3881.0	5874.8	6633.3
82.5°	248.8	262.3	314.8	365.7	509.6	653.6	856.0	1058.3	2578.3	4096.9	4159.8
85°	170.8	175.4	212.9	248.8	314.8	380.7	490.2	599.6	1705.9	2812.2	2343.0
87.5°	85.4	85.4	110.9	136.4	169.4	202.3	259.3	314.8	545.7	776.5	446.7
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: P383537
 CATALOG NUMBER: GAN-SA8B-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: P383537

CATALOG NUMBER: GAN-SA8B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7
2.5°	12335.6	12445.1	12556.1	12640.0	12725.4	12848.4	12971.2	12993.8	13017.7	12969.8	12921.8
5°	12494.6	12825.9	13158.7	13466.0	13773.3	13957.7	14142.0	14179.6	14217.0	14101.6	13984.7
7.5°	11905.5	12482.6	13059.7	13588.9	14118.1	14438.9	14761.1	14833.1	14906.5	14717.7	14528.8
10°	11118.5	11827.5	12536.6	13233.7	13930.6	14396.9	14863.1	14956.0	15049.0	14813.7	14578.3
12.5°	10509.8	11266.9	12023.9	12758.4	13494.5	13977.1	14459.9	14575.3	14690.7	14519.8	14347.4
15°	10322.5	11034.6	11746.5	12386.7	13028.3	13422.5	13818.2	13864.7	13912.7	13885.7	13858.7
17.5°	10662.8	11305.8	11950.5	12298.2	12647.5	12804.9	12963.8	13014.7	13067.2	13134.6	13203.7
20°	11487.2	11939.9	12394.1	12379.1	12362.7	12286.2	12208.3	12194.8	12181.3	12374.7	12569.6
22.5°	12718.0	12897.8	13079.2	12658.0	12236.7	11980.4	11722.6	11671.6	11619.1	11824.5	12031.4
25°	14053.6	14020.6	13986.2	13184.2	12380.6	11892.0	11403.3	11346.3	11289.3	11464.7	11641.6
27.5°	15375.8	15159.9	14944.1	13854.3	12764.4	12055.3	11346.3	11289.3	11232.4	11388.3	11544.2
30°	16345.7	15999.3	15653.1	14419.3	13185.7	12343.2	11500.7	11407.7	11313.4	11505.2	11697.1
32.5°	17102.7	16638.0	16173.2	14878.1	13582.9	12671.5	11760.0	11614.6	11469.2	11725.6	11981.9
35°	17858.2	17204.6	16549.5	15287.3	14023.6	13059.7	12094.4	11916.0	11737.6	12089.8	12442.1
37.5°	18808.6	17870.2	16930.3	15747.5	14564.7	13641.4	12716.5	12533.6	12350.6	12798.9	13248.6
40°	19839.9	18588.2	17336.5	16251.2	15165.9	14446.3	13725.3	13551.4	13376.0	13921.7	14467.3
42.5°	20697.4	19256.8	17816.2	16858.3	15898.9	15392.2	14884.1	14882.6	14879.6	15432.8	15985.9
45°	21394.5	19814.5	18233.0	17450.4	16666.4	16402.6	16138.8	16350.2	16561.5	17060.7	17561.3
47.5°	21914.7	20282.1	18648.2	18128.0	17607.8	17646.9	17685.8	18116.0	18546.3	18867.0	19189.3
50°	22253.4	20706.3	19157.8	18997.4	18837.1	19186.3	19537.2	20030.3	20525.0	20743.9	20962.7
52.5°	22746.6	21282.0	19816.0	19995.9	20175.7	20889.3	21602.8	22102.0	22601.2	22682.2	22764.6
55°	23887.4	22340.4	20791.9	21136.6	21482.9	22529.2	23577.1	23966.9	24356.6	24386.5	24416.5
57.5°	25507.8	23822.9	22137.9	22509.7	22881.5	24089.7	25299.4	25719.2	26140.4	26081.9	26022.0
60°	26720.6	25230.5	23739.0	24113.8	24488.5	25666.7	26845.0	27327.7	27811.9	27683.0	27554.1
62.5°	26795.5	25999.5	25202.0	25540.8	25881.1	27035.4	28189.7	28685.8	29182.0	28957.2	28732.3
65°	25603.8	25960.6	26317.3	26429.8	26542.2	27618.5	28696.3	29075.6	29456.4	29342.4	29228.5
67.5°	23962.3	25277.0	26593.2	26366.8	26140.4	26645.6	27150.8	27542.0	27933.3	27868.8	27802.9
70°	22323.9	24079.2	25834.6	24722.3	23608.6	23400.2	23191.8	23613.1	24035.8	23775.0	23512.6
72.5°	19534.1	21404.9	23277.2	21228.0	19178.9	18466.8	17754.7	18289.9	18825.1	18409.8	17993.1
75°	15333.8	17400.9	19469.6	17024.7	14579.7	13629.4	12678.9	13139.2	13599.4	13314.6	13028.3
77.5°	11415.3	13452.5	15489.7	13004.2	10517.4	9811.2	9103.7	9240.1	9378.1	9330.1	9280.6
80°	7742.6	9162.2	10583.3	8928.3	7273.4	7327.4	7382.8	7318.3	7252.4	7348.3	7444.3
82.5°	4940.8	6036.7	7134.0	6255.5	5377.1	5880.8	6384.5	6137.1	5888.3	5979.7	6072.7
85°	2819.7	3891.5	4964.9	4627.6	4288.8	4582.6	4878.0	4494.2	4110.4	4278.3	4447.7
87.5°	743.6	2152.6	3563.3	3235.0	2906.6	2525.9	2145.2	1637.0	1128.8	1648.9	2169.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383537
 CATALOG NUMBER: GAN-SA8B-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: P383537

CATALOG NUMBER: GAN-SA8B-735-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7	11422.7
2.5°	12896.3	12870.8	12779.4	12686.5	12548.5	12434.6	12236.7
5°	13822.8	13660.9	13382.1	13101.7	12789.9	12431.6	12034.4
7.5°	14151.0	13771.8	13236.6	12700.0	12217.2	11650.6	11123.0
10°	14011.6	13443.4	12747.9	12050.9	11464.7	10812.7	10226.5
12.5°	13744.8	13140.7	12374.7	11607.2	10940.1	10240.0	9583.4
15°	13377.5	12894.9	12176.8	11458.8	10787.1	10106.6	9328.6
17.5°	12975.8	12746.5	12227.8	11707.6	11125.9	10466.4	9553.5
20°	12652.0	12735.9	12529.0	12322.2	11856.0	11280.4	10255.0
22.5°	12433.1	12836.4	12995.3	13155.7	12875.4	12425.6	11239.9
25°	12310.2	12978.8	13511.0	14044.6	13920.2	13573.9	12436.2
27.5°	12364.2	13184.2	14010.1	14837.6	14953.0	14857.1	13696.8
30°	12526.1	13356.5	14362.4	15369.8	15830.0	15958.9	14747.7
32.5°	12795.9	13609.9	14705.7	15803.0	16498.5	16909.3	15708.6
35°	13203.7	13965.1	15107.5	16249.7	17149.1	17898.7	16700.9
37.5°	13903.7	14558.8	15612.6	16667.9	17834.2	18960.0	17793.8
40°	14929.1	15392.2	16282.7	17174.7	18642.2	20162.2	19012.4
42.5°	16222.7	16461.1	17167.1	17873.1	19486.1	21253.5	20204.2
45°	17624.3	17687.3	18131.0	18576.3	20154.8	21997.1	21099.2
47.5°	18973.5	18757.6	18934.5	19111.4	20667.4	22527.7	21778.2
50°	20361.6	19760.5	19667.6	19574.6	21180.0	23152.9	22641.6
52.5°	21773.7	20782.8	20415.6	20046.8	21791.7	23981.9	23716.5
55°	23155.9	21895.1	21400.4	20905.8	22727.1	24993.7	25295.0
57.5°	24593.4	23164.8	22706.1	22247.4	24101.7	26275.3	26711.6
60°	26140.4	24725.3	24358.1	23989.3	25810.7	27660.4	27342.7
62.5°	27608.0	26483.7	26290.3	26095.4	27539.1	28724.8	27096.9
65°	28588.4	27946.8	28126.7	28308.1	28846.2	28990.1	26377.3
67.5°	27933.3	28063.7	28823.8	29585.3	29215.0	28201.7	24959.2
70°	24293.6	25076.1	26876.5	28678.3	27856.8	26089.5	22413.8
72.5°	18871.6	19751.5	22424.3	25098.6	24341.6	22177.0	18409.8
75°	14020.6	15014.5	17964.6	20914.7	19863.9	16588.5	13181.1
77.5°	9946.2	10611.8	13524.4	16438.6	14725.2	11042.0	8869.9
80°	7240.5	7036.5	8660.0	10283.4	9998.7	7303.3	5696.4
82.5°	5574.9	5077.3	5841.8	6606.3	6564.3	5068.3	4179.4
85°	4248.3	4049.0	4725.0	5401.1	4822.4	3432.8	2656.3
87.5°	2476.4	2785.2	3581.2	4378.7	3285.9	1041.8	515.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383537
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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)