

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: P383509

Luminaire Tested: **GAN-SA8A-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383509
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-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 3500K, 615mA 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: 30576.2 lumens
Efficiency: N/A
Efficacy: 119.0 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

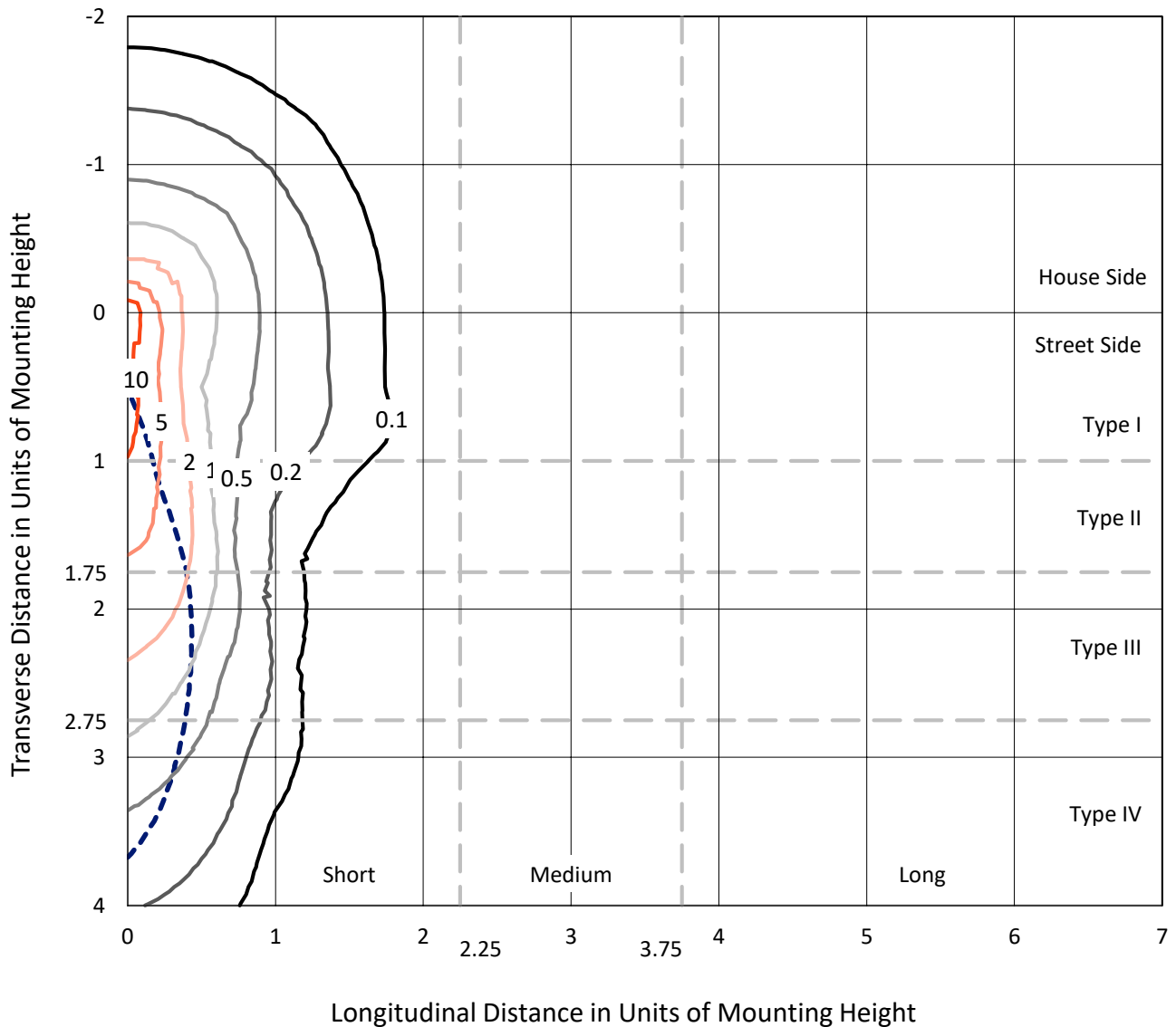
Input Watts (W): 257
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

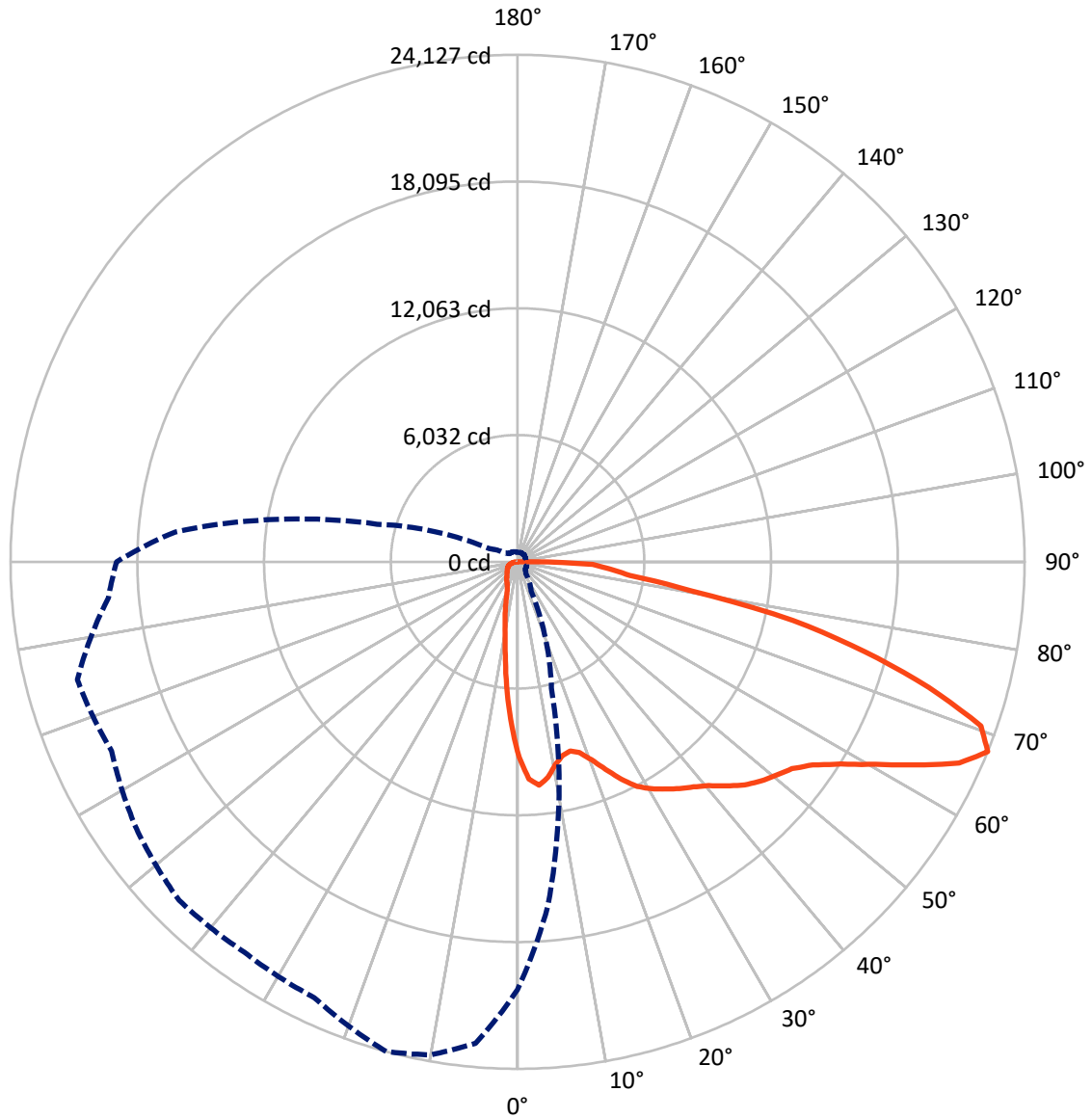
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.9 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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

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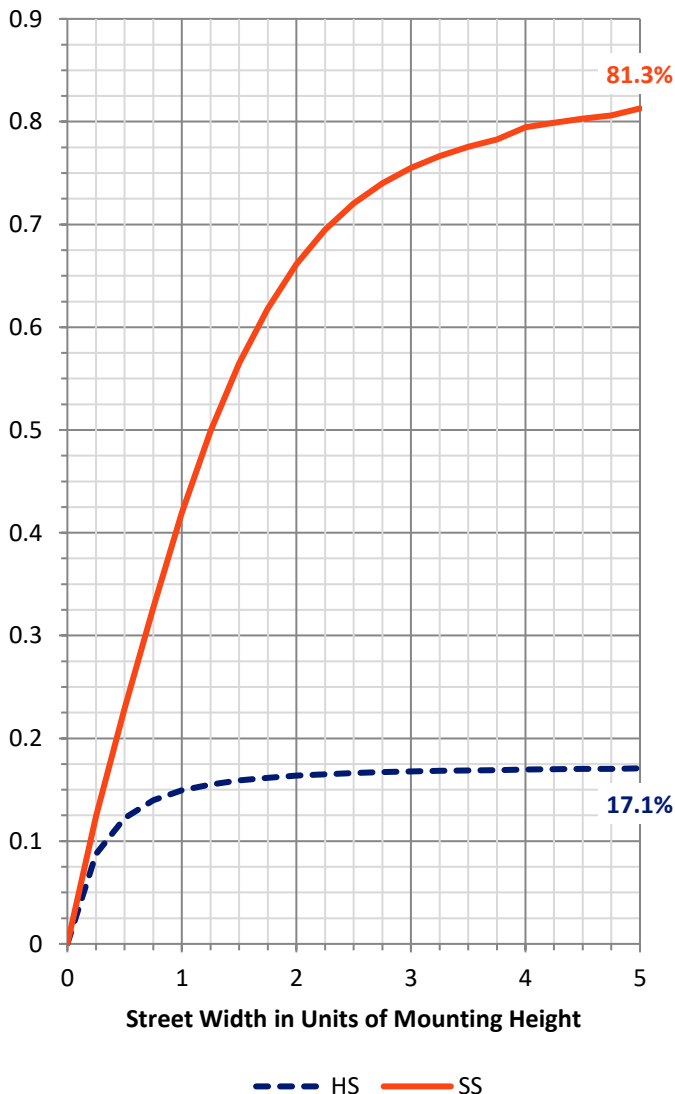
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5286.0	0.0	5286.0
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	25290.2	0.0	25290.2
	% Fixture	82.7	0.0	82.7
Total	Lumens	30576.2	0.0	30576.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	718.9	2.4
10°-20°	1493.5	4.9
20°-30°	2124.1	6.9
30°-40°	3060.8	10.0
40°-50°	4313.5	14.1
50°-60°	5996.5	19.6
60°-70°	7251.6	23.7
70°-80°	4457.4	14.6
80°-90°	1159.9	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°	30576.2	100.0
0°-180°	30576.2	100.0

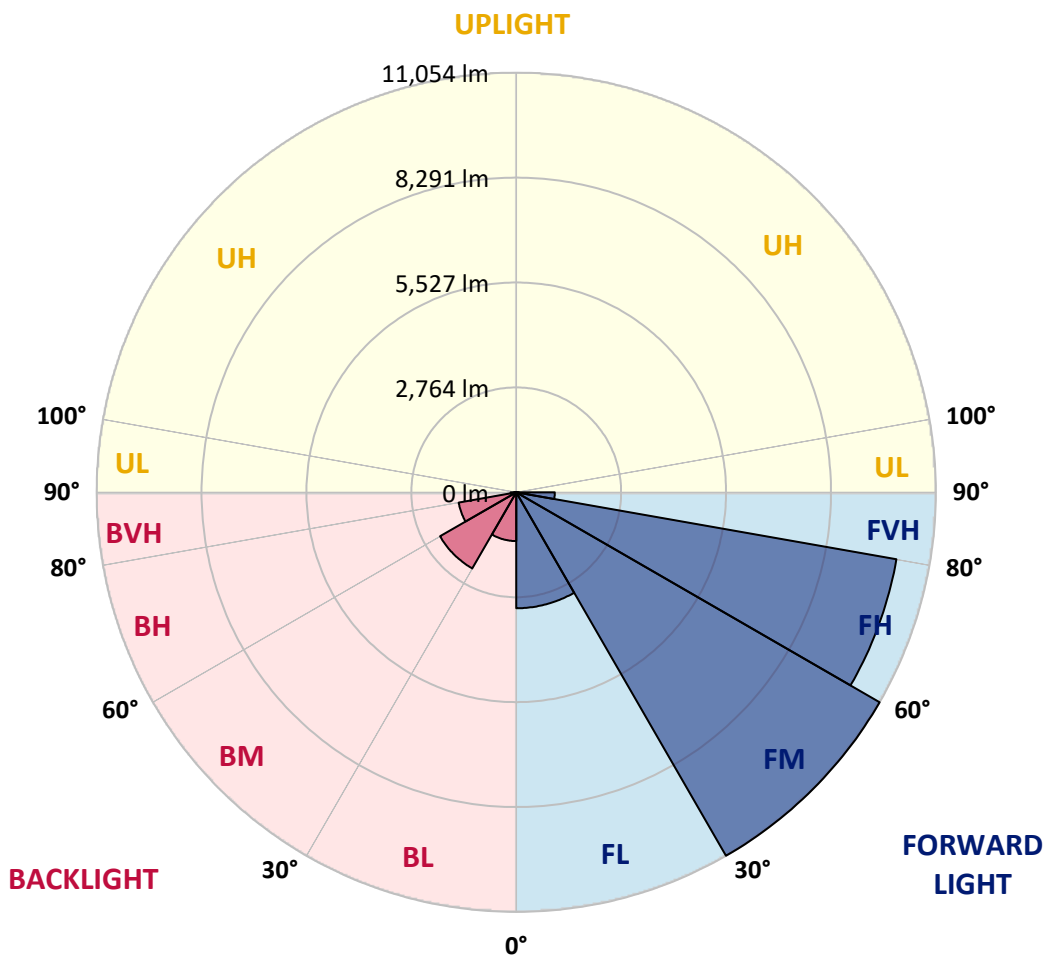


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3053.1	10.0			
FM (30°-60°)	11054.1	36.2			
FH (60°-80°)	10168.6	33.3			G4/12000
FVH (80°-90°)	1014.5	3.3			G5
BL (0°-30°)	1283.4	4.2	B3/2500		
BM (30°-60°)	2316.8	7.6	B2/2500		
BH (60°-80°)	1540.4	5.0	B3/2500		G3/2500
BVH (80°-90°)	145.4	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3
2.5°	9979.0	9891.0	9757.8	9624.6	9525.5	9425.3	9311.6	9197.9	9068.3	8937.5	8860.5
5°	9814.0	9569.5	9251.7	8933.8	8723.6	8513.3	8274.9	8036.6	7800.6	7564.6	7437.6
7.5°	9070.8	8704.0	8290.8	7877.6	7572.0	7265.1	6935.1	6603.8	6310.4	6015.7	5833.6
10°	8339.7	7899.6	7425.3	6949.7	6558.6	6167.4	5836.1	5503.6	5282.3	5061.0	4893.6
12.5°	7815.3	7327.5	6805.5	6282.3	5891.1	5500.0	5289.6	5079.4	4896.0	4712.6	4519.5
15°	7607.5	7056.1	6521.9	5986.5	5630.7	5275.0	5041.4	4806.8	4561.0	4314.1	4076.9
17.5°	7790.8	7145.3	6564.7	5984.0	5518.2	5052.5	4726.1	4398.5	4074.5	3750.5	3475.5
20°	8363.0	7539.0	6779.8	6019.5	5399.6	4779.9	4342.2	3903.4	3487.7	3072.1	2760.4
22.5°	9166.1	8075.7	7084.2	6092.8	5292.1	4490.2	3941.3	3391.1	2899.7	2408.2	2102.7
25°	10141.7	8787.1	7523.1	6257.9	5248.1	4237.1	3562.3	2887.5	2369.1	1849.6	1632.0
27.5°	11169.7	9635.6	8068.3	6499.9	5255.4	4011.0	3243.2	2474.3	2007.3	1540.3	1391.2
30°	12026.7	10604.9	8704.0	6801.9	5283.6	3765.2	2942.5	2119.7	1734.7	1349.6	1253.0
32.5°	12810.3	11280.9	9183.2	7084.2	5315.3	3545.2	2710.2	1874.1	1559.9	1244.5	1165.0
35°	13619.6	11881.2	9518.2	7153.9	5260.3	3365.5	2551.3	1737.1	1447.4	1156.4	1089.3
37.5°	14510.7	12530.3	9840.9	7150.3	5167.4	3184.6	2427.8	1669.9	1374.0	1077.0	1028.1
40°	15504.6	13247.9	10190.6	7133.1	5083.1	3031.7	2336.1	1639.3	1333.7	1026.8	985.3
42.5°	16476.5	13932.5	10515.7	7098.9	5014.6	2929.1	2245.7	1562.3	1297.1	1030.6	971.9
45°	17206.3	14530.3	10798.1	7064.7	4963.3	2861.8	2174.8	1487.8	1262.8	1037.8	963.3
47.5°	17760.0	15130.6	11111.0	7090.4	4958.3	2826.3	2124.7	1422.9	1198.1	971.9	941.3
50°	18464.2	15851.8	11567.0	7282.3	5025.6	2768.9	2066.0	1361.8	1135.6	909.6	951.1
52.5°	19340.8	16881.1	12273.6	7664.9	5166.2	2667.4	1973.1	1278.7	1059.9	839.9	904.6
55°	20628.0	18200.2	13177.0	8152.7	5336.1	2518.3	1832.4	1145.4	959.7	772.6	830.1
57.5°	21783.2	19532.7	14043.7	8553.7	5442.5	2330.1	1655.3	980.5	847.1	713.9	746.9
60°	22297.9	20219.7	14449.6	8678.3	5378.8	2079.4	1456.0	831.3	748.1	665.0	658.9
62.5°	22097.4	19783.3	14049.9	8316.5	5068.4	1820.2	1279.9	739.6	677.2	613.7	600.2
65°	21510.6	18411.7	12930.1	7448.6	4543.9	1639.3	1168.7	698.0	628.3	558.6	544.0
67.5°	20354.2	16459.4	11343.4	6227.3	3877.7	1528.1	1105.1	682.2	597.8	512.3	495.1
70°	18278.5	14109.8	9515.8	4920.4	3190.6	1459.6	1063.5	667.5	564.8	460.8	445.0
72.5°	15013.2	11312.8	7598.9	3883.8	2667.4	1451.1	1058.7	666.2	537.9	409.5	394.9
75°	10749.2	8592.8	5800.7	3007.3	2184.6	1361.8	1004.9	647.9	501.2	353.3	339.8
77.5°	7233.4	5947.4	4031.7	2114.9	1621.0	1127.1	844.7	562.4	429.1	295.9	282.4
80°	4645.4	4116.0	2701.7	1287.3	1051.3	815.4	603.9	392.4	312.9	232.2	221.2
82.5°	3408.3	3063.5	1877.7	692.0	584.4	475.6	369.2	262.8	214.0	165.1	160.1
85°	2166.2	2388.7	1382.6	376.5	308.1	239.6	198.0	156.5	123.4	90.5	90.5
87.5°	420.5	581.9	382.7	182.1	133.2	84.3	72.1	58.7	33.0	6.1	7.4
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



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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°	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3
2.5°	8782.3	8697.9	8613.6	8518.2	8421.7	8332.4	8242.0	8142.9	8161.2	8085.5	8009.6
5°	7310.4	7175.9	7040.3	6922.9	6805.5	6704.1	6601.3	6509.7	6589.1	6535.4	6481.5
7.5°	5650.3	5484.0	5316.5	5176.0	5035.4	4926.6	4816.6	4740.7	4819.0	4809.2	4799.4
10°	4726.1	4564.7	4402.1	4246.8	4091.6	3959.6	3826.3	3713.9	3694.3	3638.1	3580.6
12.5°	4325.1	4103.8	3881.4	3718.7	3556.2	3398.5	3240.8	3108.8	3048.9	2956.0	2861.8
15°	3839.7	3578.2	3316.6	3132.0	2946.2	2793.3	2639.4	2525.6	2487.7	2415.6	2343.5
17.5°	3200.4	2914.3	2628.4	2441.3	2253.0	2130.7	2007.3	1931.5	1931.5	1910.7	1889.9
20°	2448.6	2193.1	1937.6	1794.6	1651.5	1586.8	1520.8	1489.0	1498.8	1500.0	1500.0
22.5°	1795.8	1639.3	1482.8	1425.4	1366.8	1343.5	1320.3	1306.9	1311.7	1312.9	1314.1
25°	1414.4	1354.5	1293.4	1264.0	1233.5	1218.8	1204.1	1199.3	1210.3	1211.5	1211.5
27.5°	1242.0	1205.3	1167.5	1149.2	1129.6	1123.4	1117.3	1108.8	1119.8	1119.8	1118.6
30°	1155.2	1116.1	1077.0	1053.8	1030.6	1033.0	1034.2	1031.8	1039.1	1044.0	1047.6
32.5°	1084.3	1046.4	1008.6	985.3	960.9	957.2	953.5	951.1	966.9	975.5	984.1
35°	1020.8	979.2	937.6	915.6	893.6	885.1	876.5	870.4	885.1	896.1	907.0
37.5°	977.9	935.2	891.2	870.4	848.4	837.4	826.4	819.0	825.2	830.1	834.9
40°	943.8	899.8	854.5	830.1	805.6	794.6	783.6	777.5	781.2	782.4	783.6
42.5°	912.0	869.1	826.4	799.5	771.4	757.9	744.5	737.1	739.6	742.1	743.3
45°	888.7	845.9	802.0	770.2	737.1	722.5	707.8	699.2	700.5	700.5	700.5
47.5°	910.8	848.4	784.8	748.1	710.2	693.2	676.0	667.5	665.0	662.6	660.1
50°	991.4	885.1	777.5	731.1	683.4	665.0	645.5	635.7	629.5	627.1	624.7
52.5°	968.2	876.5	783.6	723.7	662.6	640.5	618.5	602.7	596.6	592.9	589.2
55°	886.3	828.8	770.2	698.0	625.9	606.3	585.6	574.6	563.6	561.1	558.6
57.5°	778.7	755.5	732.3	658.9	585.6	567.2	547.7	540.3	530.5	530.5	529.3
60°	651.6	685.8	720.0	635.7	550.1	529.3	508.5	502.5	498.8	497.5	496.3
62.5°	585.6	641.8	696.8	607.6	517.1	495.1	473.1	465.8	464.6	465.8	465.8
65°	529.3	546.4	563.6	522.0	480.4	458.4	435.2	427.9	430.3	434.0	437.6
67.5°	478.0	474.3	470.6	456.0	440.1	421.7	402.1	394.9	396.1	400.9	405.9
70°	429.1	424.2	418.1	407.1	396.1	380.2	364.3	359.4	358.2	364.3	369.2
72.5°	380.2	374.1	366.8	358.2	348.4	335.0	321.5	317.8	319.1	322.7	326.4
75°	326.4	321.5	315.4	308.1	299.5	287.3	275.1	272.6	275.1	278.7	282.4
77.5°	267.7	266.5	264.1	257.9	251.8	238.4	223.8	222.5	226.2	229.8	232.2
80°	209.0	210.3	211.5	206.6	201.7	187.1	171.1	169.9	173.5	177.3	180.9
82.5°	154.1	157.7	160.1	154.1	147.9	130.8	113.6	111.2	123.4	127.2	130.8
85°	89.2	94.1	99.0	94.1	89.2	72.1	55.1	53.8	64.8	70.9	77.0
87.5°	7.4	9.8	12.2	11.0	9.8	4.8	0.0	0.0	1.2	6.1	11.0
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: P383509
 CATALOG NUMBER: GAN-SA8A-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: P383509
 CATALOG NUMBER: GAN-SA8A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3
2.5°	7961.9	7914.3	7899.6	7885.0	7831.1	7776.2	7832.4	7887.4	7910.6	7933.9	7873.9
5°	6474.3	6465.7	6465.7	6464.5	6415.6	6365.5	6403.3	6440.0	6358.1	6276.2	6267.6
7.5°	4852.0	4904.6	4947.4	4988.9	4973.1	4957.1	4992.5	5028.0	4924.2	4819.0	4767.7
10°	3592.9	3603.9	3650.3	3696.8	3707.7	3717.5	3761.6	3804.3	3723.7	3643.0	3607.5
12.5°	2803.1	2744.4	2750.6	2755.4	2777.5	2798.3	2844.7	2889.9	2857.0	2822.7	2826.3
15°	2270.1	2195.6	2165.0	2133.2	2157.7	2182.2	2215.1	2246.9	2248.1	2248.1	2279.9
17.5°	1853.3	1815.4	1784.8	1753.0	1786.1	1817.8	1821.5	1825.2	1826.4	1827.6	1825.2
20°	1518.3	1536.7	1526.9	1517.1	1529.3	1540.3	1550.1	1558.7	1547.7	1535.5	1504.8
22.5°	1331.3	1347.2	1359.4	1370.4	1391.2	1410.7	1401.0	1390.0	1368.0	1344.7	1321.5
25°	1222.5	1233.5	1245.7	1258.0	1275.0	1290.9	1273.8	1256.7	1240.8	1224.9	1209.1
27.5°	1130.8	1141.8	1152.8	1162.6	1178.5	1193.1	1177.2	1161.4	1147.9	1134.4	1122.2
30°	1056.2	1063.5	1072.1	1080.7	1095.3	1108.8	1095.3	1080.7	1070.9	1059.9	1051.3
32.5°	992.7	1000.0	1003.6	1007.3	1020.8	1034.2	1024.4	1014.6	1006.1	997.5	991.4
35°	923.0	937.6	940.1	942.5	956.0	969.5	963.3	956.0	946.2	936.4	925.4
37.5°	852.1	869.1	878.9	887.5	901.0	914.4	908.3	902.2	888.7	875.3	855.7
40°	792.2	799.5	817.8	834.9	856.9	877.7	865.5	852.1	831.3	810.5	800.8
42.5°	742.1	740.9	757.9	775.0	808.0	839.9	817.8	795.8	776.3	756.7	754.3
45°	698.0	694.4	702.9	711.5	746.9	781.2	759.1	735.9	724.9	713.9	713.9
47.5°	658.9	656.5	662.6	667.5	689.4	710.2	699.2	688.2	682.2	676.0	677.2
50°	623.5	621.1	627.1	632.1	640.5	647.9	650.3	651.6	647.9	644.3	646.7
52.5°	590.4	590.4	592.9	594.1	605.1	616.1	616.1	614.9	614.9	614.9	617.3
55°	562.4	564.8	564.8	564.8	581.9	597.8	592.9	588.0	589.2	589.2	591.7
57.5°	534.2	537.9	540.3	542.8	559.9	577.0	572.2	567.2	567.2	567.2	568.4
60°	502.5	507.3	512.3	517.1	534.2	551.3	546.4	540.3	541.6	542.8	544.0
62.5°	471.8	476.8	481.6	486.5	503.7	520.7	515.9	509.7	513.5	515.9	515.9
65°	442.6	446.2	451.1	456.0	471.8	487.8	482.9	478.0	482.9	486.5	489.0
67.5°	409.5	411.9	416.9	421.7	437.6	453.6	448.6	442.6	448.6	453.6	458.4
70°	371.6	374.1	380.2	385.1	400.9	416.9	410.7	404.7	410.7	416.9	421.7
72.5°	330.0	332.5	338.6	343.6	361.8	380.2	372.9	365.5	372.9	380.2	382.7
75°	284.9	287.3	294.6	300.7	319.1	337.4	331.3	324.0	330.0	336.2	337.4
77.5°	236.0	239.6	249.4	259.2	273.9	288.5	284.9	281.1	284.9	288.5	288.5
80°	184.6	188.3	200.5	211.5	220.0	228.6	229.8	231.0	232.2	233.5	232.2
82.5°	136.9	141.8	152.8	163.8	163.8	163.8	173.5	182.1	182.1	180.9	179.7
85°	84.3	90.5	100.2	110.0	103.9	97.8	113.6	128.4	128.4	127.2	124.7
87.5°	17.1	23.2	33.0	41.5	35.5	29.3	45.3	61.1	62.3	62.3	59.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P383509
 CATALOG NUMBER: GAN-SA8A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3
2.5°	7812.8	7908.2	8002.3	8026.8	8063.5	8079.3	8094.0	8213.8	8332.4	8471.8	8611.1
5°	6257.9	6328.7	6399.6	6410.6	6448.5	6468.1	6487.7	6633.2	6777.4	6971.8	7166.1
7.5°	4716.3	4733.4	4750.5	4748.1	4779.9	4822.6	4864.3	5019.5	5173.5	5382.6	5590.4
10°	3572.1	3611.1	3649.1	3684.6	3754.2	3834.9	3914.4	4073.3	4232.2	4438.8	4644.1
12.5°	2830.0	2875.2	2919.3	2958.4	3039.1	3146.7	3253.0	3443.7	3634.4	3881.4	4127.0
15°	2310.5	2306.8	2303.2	2330.1	2401.0	2518.3	2634.4	2836.1	3037.9	3309.2	3579.4
17.5°	1822.7	1804.4	1786.1	1806.8	1872.8	1969.4	2064.8	2235.9	2405.8	2668.7	2931.5
20°	1474.3	1462.1	1449.9	1469.4	1511.0	1551.3	1591.6	1715.2	1837.4	2051.3	2264.0
22.5°	1297.1	1295.8	1293.4	1304.4	1323.9	1344.7	1364.3	1424.1	1482.8	1621.0	1757.9
25°	1193.1	1191.9	1190.7	1195.5	1211.5	1227.4	1243.2	1282.4	1321.5	1387.5	1453.5
27.5°	1110.0	1107.5	1105.1	1106.3	1110.0	1134.4	1157.7	1176.0	1193.1	1238.4	1282.4
30°	1042.8	1041.6	1040.4	1040.4	1036.6	1045.2	1053.8	1081.9	1108.8	1155.2	1201.7
32.5°	985.3	979.2	973.1	959.7	951.1	963.3	975.5	1004.9	1034.2	1077.0	1119.8
35°	913.2	897.3	880.2	872.9	874.1	886.3	898.5	927.8	956.0	1002.4	1047.6
37.5°	834.9	830.1	824.0	822.7	826.4	838.6	850.9	876.5	901.0	947.4	992.7
40°	791.0	788.5	786.0	783.6	786.0	798.2	810.5	834.9	858.1	903.4	947.4
42.5°	751.9	750.6	749.3	749.3	750.6	764.1	777.5	802.0	825.2	865.5	905.8
45°	713.9	715.1	715.1	717.6	721.3	734.7	746.9	773.8	800.8	839.9	878.9
47.5°	678.4	682.2	684.6	690.7	694.4	709.0	722.5	751.9	781.2	830.1	877.7
50°	647.9	651.6	654.0	658.9	668.7	685.8	702.9	738.3	772.6	854.5	935.2
52.5°	619.8	623.5	627.1	632.1	644.3	663.8	683.4	727.4	770.2	865.5	960.9
55°	594.1	597.8	600.2	607.6	619.8	636.9	652.8	706.6	760.4	830.1	899.8
57.5°	569.6	573.4	575.8	580.6	586.8	605.1	622.3	679.7	737.1	786.0	833.7
60°	544.0	546.4	547.7	547.7	552.6	573.4	594.1	667.5	739.6	731.1	721.3
62.5°	515.9	518.3	519.5	515.9	522.0	544.0	566.0	661.4	756.7	698.0	639.3
65°	490.2	489.0	487.8	484.1	491.4	513.5	534.2	581.9	629.5	606.3	583.1
67.5°	462.1	458.4	454.8	449.8	457.2	476.8	495.1	511.0	526.9	529.3	531.8
70°	426.6	421.7	416.9	415.7	419.3	435.2	451.1	462.1	471.8	476.8	480.4
72.5°	385.1	381.4	377.7	375.3	376.5	389.9	402.1	411.9	421.7	425.4	427.9
75°	338.6	338.6	337.4	330.0	330.0	341.0	350.8	359.4	368.0	372.9	377.7
77.5°	288.5	289.7	289.7	279.9	278.7	289.7	299.5	306.9	312.9	317.8	321.5
80°	231.0	228.6	226.2	220.0	217.6	231.0	243.2	249.4	254.3	255.5	255.5
82.5°	177.3	172.3	166.3	152.8	154.1	168.7	182.1	187.1	191.9	191.9	191.9
85°	121.0	111.2	100.2	89.2	90.5	106.4	121.0	125.9	130.8	133.2	134.5
87.5°	57.5	47.7	36.7	28.1	28.1	41.5	53.8	56.3	58.7	63.5	68.5
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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 CATALOG NUMBER: GAN-SA8A-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: P383509
 CATALOG NUMBER: GAN-SA8A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3
2.5°	8717.4	8822.6	8931.4	9040.2	9164.8	9289.6	9435.1	9579.3	9702.8	9826.2	9928.9
5°	7333.6	7501.1	7697.9	7894.8	8145.4	8395.9	8702.8	9008.4	9281.0	9553.7	9870.2
7.5°	5809.2	6026.8	6283.5	6540.2	6864.2	7188.1	7585.4	7982.7	8367.8	8751.7	9238.3
10°	4872.7	5101.3	5354.4	5606.2	5936.3	6265.2	6685.7	7105.0	7537.8	7969.3	8519.4
12.5°	4381.3	4634.4	4856.9	5079.4	5347.1	5613.6	6020.7	6427.8	6936.3	7443.6	7972.9
15°	3856.9	4133.2	4399.7	4666.2	4958.3	5249.3	5645.4	6041.5	6597.7	7153.9	7762.7
17.5°	3222.4	3513.4	3838.5	4162.5	4543.9	4924.2	5431.5	5938.8	6597.7	7255.4	7972.9
20°	2561.1	2858.2	3246.9	3635.6	4110.0	4583.0	5240.7	5898.5	6786.0	7672.2	8587.8
22.5°	2020.7	2282.4	2706.5	3129.5	3677.2	4224.8	5068.4	5910.7	7070.8	8229.7	9465.6
25°	1638.1	1822.7	2239.5	2655.2	3287.2	3919.2	4963.3	6006.0	7485.2	8963.2	10496.1
27.5°	1403.4	1524.4	1913.2	2300.7	2991.4	3680.8	4920.4	6158.8	8010.8	9862.9	11617.1
30°	1286.0	1370.4	1699.2	2026.9	2728.6	3430.2	4869.1	6308.0	8517.0	10724.7	12493.6
32.5°	1188.3	1255.4	1536.7	1816.6	2501.2	3185.8	4770.1	6353.2	8870.3	11387.3	13235.7
35°	1105.1	1161.4	1405.8	1650.3	2322.7	2995.0	4603.8	6212.6	9091.5	11970.5	14008.3
37.5°	1037.8	1081.9	1308.1	1534.2	2168.6	2803.1	4414.3	6025.5	9288.4	12551.1	14877.5
40°	985.3	1023.2	1234.7	1446.2	2022.0	2597.7	4251.8	5904.5	9559.7	13214.9	15795.6
42.5°	956.0	1004.9	1171.1	1336.1	1882.6	2429.0	4121.0	5812.9	9811.5	13809.1	16598.8
45°	948.6	1018.3	1138.2	1258.0	1778.7	2299.4	4004.8	5709.0	9974.2	14239.4	17203.9
47.5°	936.4	993.9	1112.5	1231.0	1727.4	2222.5	3942.5	5661.3	10136.7	14611.0	17706.3
50°	943.8	951.1	1091.7	1231.0	1720.0	2209.0	4013.4	5817.8	10488.9	15158.7	18280.9
52.5°	930.3	898.5	1052.6	1206.5	1718.8	2231.1	4217.5	6204.0	11142.8	16080.4	18903.2
55°	859.4	817.8	979.2	1140.6	1693.1	2244.5	4460.8	6675.9	12020.6	17364.0	20021.7
57.5°	797.0	759.1	896.1	1031.8	1614.9	2198.0	4711.4	7223.6	12948.4	18672.0	21282.0
60°	713.9	705.4	803.2	901.0	1493.8	2085.5	4918.0	7749.3	13571.9	19393.3	21767.4
62.5°	645.5	650.3	722.5	794.6	1342.3	1888.7	4986.5	8083.0	13554.8	19026.6	21278.4
65°	592.9	601.5	672.4	743.3	1212.7	1682.1	4761.5	7839.7	12869.0	17897.0	20311.4
67.5°	541.6	551.3	635.7	718.8	1097.7	1475.6	4199.2	6921.7	11635.5	16348.1	19081.5
70°	492.7	504.9	596.6	688.2	1014.6	1339.8	3474.3	5608.7	10091.5	14573.1	17657.4
72.5°	440.1	452.4	550.1	647.9	962.1	1275.0	2832.5	4388.7	8189.3	11988.8	15103.6
75°	386.3	394.9	501.2	606.3	890.0	1173.6	2222.5	3270.1	6267.6	9265.1	11408.1
77.5°	332.5	343.6	432.8	520.7	755.5	989.0	1674.8	2360.6	4599.0	6836.1	7933.9
80°	265.3	275.1	338.6	400.9	583.1	764.1	1151.6	1539.1	3165.0	4790.9	5409.4
82.5°	202.9	214.0	256.7	298.3	415.7	533.0	698.0	863.1	2102.7	3341.0	3392.3
85°	139.4	143.0	173.5	202.9	256.7	310.5	399.7	489.0	1391.2	2293.4	1910.7
87.5°	69.7	69.7	90.5	111.2	138.1	165.1	211.5	256.7	445.0	633.3	364.3
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: P383509
 CATALOG NUMBER: GAN-SA8A-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: P383509

CATALOG NUMBER: GAN-SA8A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3
2.5°	10059.7	10148.9	10239.5	10307.9	10377.5	10477.9	10578.1	10596.4	10615.9	10576.9	10537.8
5°	10189.4	10459.5	10730.9	10981.5	11232.0	11382.5	11532.8	11563.4	11593.9	11499.8	11404.5
7.5°	9708.9	10179.6	10650.2	11081.7	11513.3	11774.9	12037.7	12096.3	12156.2	12002.2	11848.2
10°	9067.1	9645.3	10223.5	10792.0	11360.4	11740.7	12120.8	12196.7	12272.4	12080.5	11888.6
12.5°	8570.8	9188.1	9805.5	10404.5	11004.7	11398.3	11792.0	11886.1	11980.3	11840.9	11700.3
15°	8417.9	8998.7	9579.3	10101.3	10624.5	10946.1	11268.7	11306.7	11345.8	11323.8	11301.7
17.5°	8695.4	9219.9	9745.6	10029.1	10314.0	10442.4	10571.9	10613.5	10656.3	10711.3	10767.6
20°	9367.8	9737.0	10107.4	10095.2	10081.8	10019.4	9955.8	9944.8	9933.8	10091.5	10250.5
22.5°	10371.5	10518.2	10666.0	10322.6	9979.0	9770.0	9559.7	9518.2	9475.4	9642.9	9811.5
25°	11460.6	11433.8	11405.7	10751.6	10096.4	9697.9	9299.4	9252.9	9206.5	9349.5	9493.8
27.5°	12538.9	12362.8	12186.9	11298.1	10409.4	9831.1	9252.9	9206.5	9160.0	9287.2	9414.3
30°	13329.9	13047.4	12765.1	11758.9	10752.9	10065.8	9378.8	9303.0	9226.0	9382.5	9539.0
32.5°	13947.2	13568.3	13189.2	12133.0	11076.8	10333.6	9590.3	9471.7	9353.1	9562.1	9771.2
35°	14563.3	14030.3	13496.1	12466.8	11436.2	10650.2	9862.9	9717.4	9571.9	9859.2	10146.5
37.5°	15338.4	14573.1	13806.7	12842.1	11877.5	11124.5	10370.3	10221.1	10072.0	10437.4	10804.2
40°	16179.4	15158.7	14137.9	13252.8	12367.8	11781.0	11193.0	11051.1	10908.1	11353.1	11798.1
42.5°	16878.7	15703.9	14529.1	13748.0	12965.6	12552.3	12138.0	12136.8	12134.2	12585.4	13036.4
45°	17447.1	16158.6	14869.0	14230.8	13591.5	13376.3	13161.2	13333.5	13505.9	13912.9	14321.2
47.5°	17871.4	16540.1	15207.6	14783.4	14359.2	14390.9	14422.8	14773.6	15124.4	15386.1	15648.9
50°	18147.6	16886.1	15623.2	15492.4	15361.6	15646.5	15932.5	16334.7	16738.1	16916.6	17095.1
52.5°	18549.8	17355.5	16159.8	16306.6	16453.3	17035.2	17617.1	18024.1	18431.2	18497.3	18564.4
55°	19480.2	18218.6	16955.7	17236.9	17519.2	18372.5	19227.0	19544.9	19862.7	19887.2	19911.6
57.5°	20801.6	19427.5	18053.5	18356.7	18659.8	19645.1	20631.6	20974.0	21317.5	21269.8	21220.9
60°	21790.6	20575.5	19359.0	19664.7	19970.3	20931.2	21892.0	22285.7	22680.6	22575.4	22470.3
62.5°	21851.7	21202.6	20552.3	20828.5	21106.0	22047.3	22988.6	23393.2	23797.9	23614.5	23431.1
65°	20879.8	21170.8	21461.7	21553.4	21645.1	22522.9	23401.8	23711.1	24021.6	23928.7	23835.8
67.5°	19541.3	20613.4	21686.7	21502.1	21317.5	21729.5	22141.4	22460.5	22779.6	22727.0	22673.2
70°	18205.0	19636.6	21068.1	20161.0	19252.8	19082.8	18912.9	19256.4	19601.2	19388.4	19174.5
72.5°	15930.0	17455.7	18982.6	17311.4	15640.3	15059.7	14479.0	14915.4	15351.8	15013.2	14673.4
75°	12504.7	14190.5	15877.5	13883.6	11889.8	11114.8	10339.7	10714.9	11090.3	10858.0	10624.5
77.5°	9309.1	10970.5	12631.8	10604.9	8576.9	8001.1	7424.1	7535.3	7647.8	7608.7	7568.4
80°	6314.0	7471.8	8630.7	7281.1	5931.4	5975.4	6020.7	5968.1	5914.3	5992.6	6070.8
82.5°	4029.3	4922.9	5817.8	5101.3	4385.0	4795.8	5206.5	5004.8	4801.8	4876.5	4952.2
85°	2299.4	3173.5	4048.8	3773.8	3497.5	3737.1	3977.9	3665.0	3352.0	3488.9	3627.1
87.5°	606.3	1755.5	2905.8	2638.1	2370.4	2059.8	1749.4	1334.9	920.6	1344.7	1768.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P383509

CATALOG NUMBER: GAN-SA8A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3	9315.3
2.5°	10516.9	10496.1	10421.6	10345.8	10233.3	10140.5	9979.0
5°	11272.5	11140.4	10913.0	10684.4	10430.2	10137.9	9814.0
7.5°	11540.1	11230.8	10794.4	10356.8	9963.2	9501.0	9070.8
10°	11426.5	10963.1	10395.9	9827.5	9349.5	8817.7	8339.7
12.5°	11208.8	10716.2	10091.5	9465.6	8921.6	8350.7	7815.3
15°	10909.4	10515.7	9930.1	9344.5	8796.9	8242.0	7607.5
17.5°	10581.7	10394.7	9971.8	9547.5	9073.2	8535.3	7790.8
20°	10317.6	10386.1	10217.4	10048.7	9668.5	9199.1	8363.0
22.5°	10139.2	10468.1	10597.7	10728.4	10499.8	10133.1	9166.1
25°	10038.9	10584.2	11018.2	11453.4	11351.9	11069.5	10141.7
27.5°	10083.0	10751.6	11425.2	12100.1	12194.1	12115.9	11169.7
30°	10215.0	10892.2	11712.5	12534.1	12909.3	13014.5	12026.7
32.5°	10435.0	11098.8	11992.5	12887.3	13454.5	13789.5	12810.3
35°	10767.6	11388.5	12320.1	13251.6	13985.1	14596.3	13619.6
37.5°	11338.4	11872.7	12732.0	13592.7	14543.8	15461.8	14510.7
40°	12174.6	12552.3	13278.5	14005.9	15202.7	16442.3	15504.6
42.5°	13229.7	13424.0	13999.8	14575.6	15890.9	17332.2	16476.5
45°	14372.7	14424.0	14785.8	15148.9	16436.1	17938.5	17206.3
47.5°	15472.8	15296.8	15441.1	15585.4	16854.2	18371.3	17760.0
50°	16604.8	16114.7	16038.8	15963.1	17272.3	18881.1	18464.2
52.5°	17756.4	16948.4	16648.9	16348.1	17771.1	19557.1	19340.8
55°	18883.6	17855.4	17452.0	17048.6	18533.9	20382.3	20628.0
57.5°	20055.9	18890.9	18516.8	18142.7	19654.9	21427.6	21783.2
60°	21317.5	20163.4	19863.9	19563.2	21048.5	22557.1	22297.9
62.5°	22514.3	21597.5	21439.8	21280.8	22458.0	23425.1	22097.4
65°	23313.7	22790.6	22937.3	23085.1	23524.1	23641.4	21510.6
67.5°	22779.6	22885.9	23505.7	24126.7	23824.8	22998.4	20354.2
70°	19811.4	20449.5	21917.7	23387.2	22717.2	21275.9	18278.5
72.5°	15389.7	16107.3	18287.0	20467.9	19850.5	18085.3	15013.2
75°	11433.8	12244.3	14650.1	17056.0	16199.0	13527.9	10749.2
77.5°	8111.1	8653.9	11029.2	13405.6	12008.4	9004.7	7233.4
80°	5904.5	5738.3	7062.2	8386.2	8153.9	5955.8	4645.4
82.5°	4546.4	4140.5	4763.9	5387.4	5353.2	4133.2	3408.3
85°	3464.5	3301.9	3853.3	4404.5	3932.7	2799.5	2166.2
87.5°	2019.5	2271.4	2920.5	3570.8	2679.7	849.7	420.5
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: P383509
 CATALOG NUMBER: GAN-SA8A-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)