

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: P320553

Luminaire Tested: **GAN-SA9A-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320553
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-SA9A-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 2700K, 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: 30618 lumens
Efficiency: N/A
Efficacy: 105.6 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

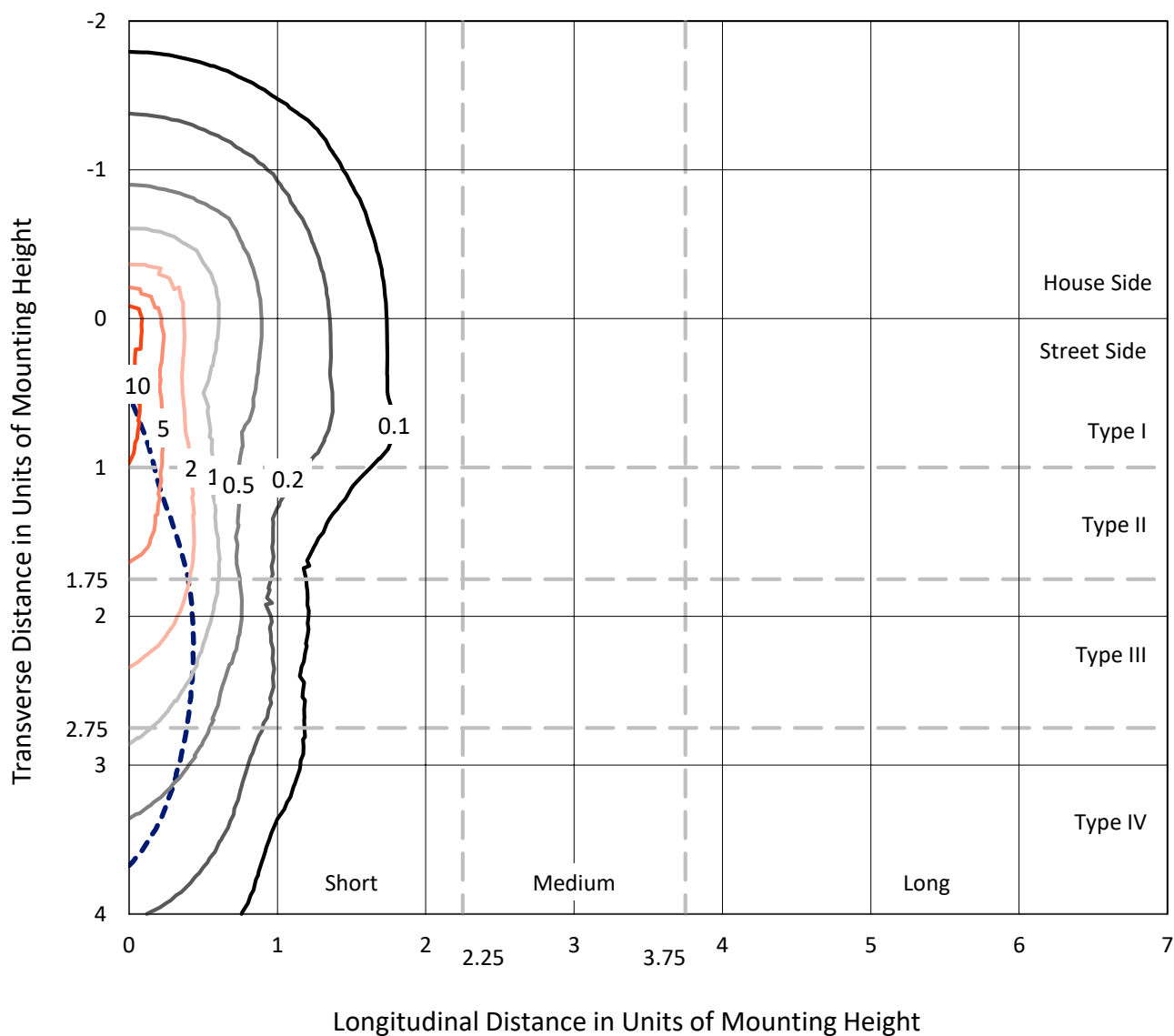
Input Watts (W): 290
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

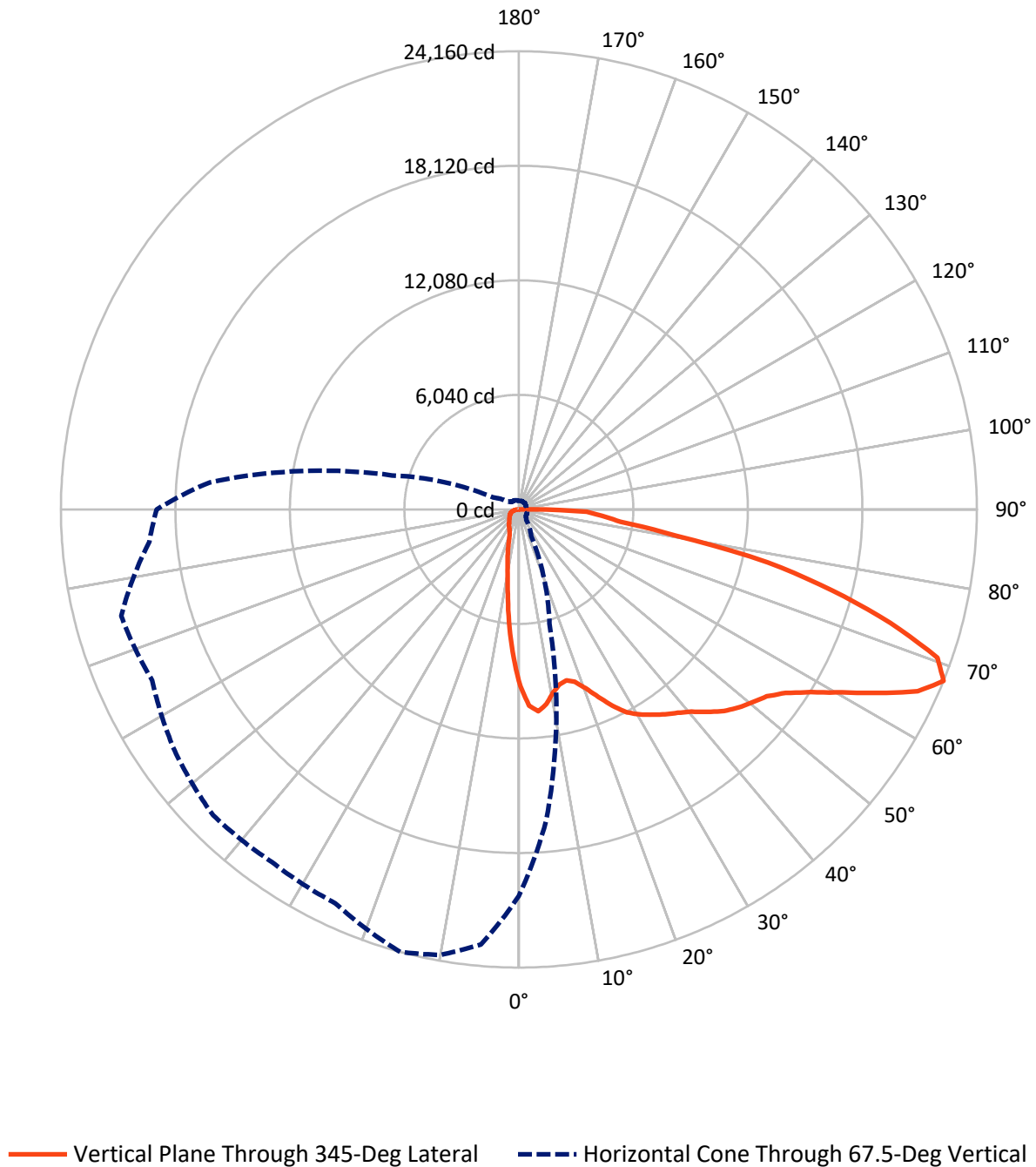
× Max cd
 - - - 1/2 Max cd



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



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5293.2	0.0	5293.2
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	25324.8	0.0	25324.8
	% Fixture	82.7	0.0	82.7
Total	Lumens	30618.0	0.0	30618.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	719.9	2.4
10°-20°	1495.5	4.9
20°-30°	2127.0	6.9
30°-40°	3065.0	10.0
40°-50°	4319.4	14.1
50°-60°	6004.7	19.6
60°-70°	7261.5	23.7
70°-80°	4463.5	14.6
80°-90°	1161.4	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°	30618.0	100.0
0°-180°	30618.0	100.0

Coefficient of Utilization



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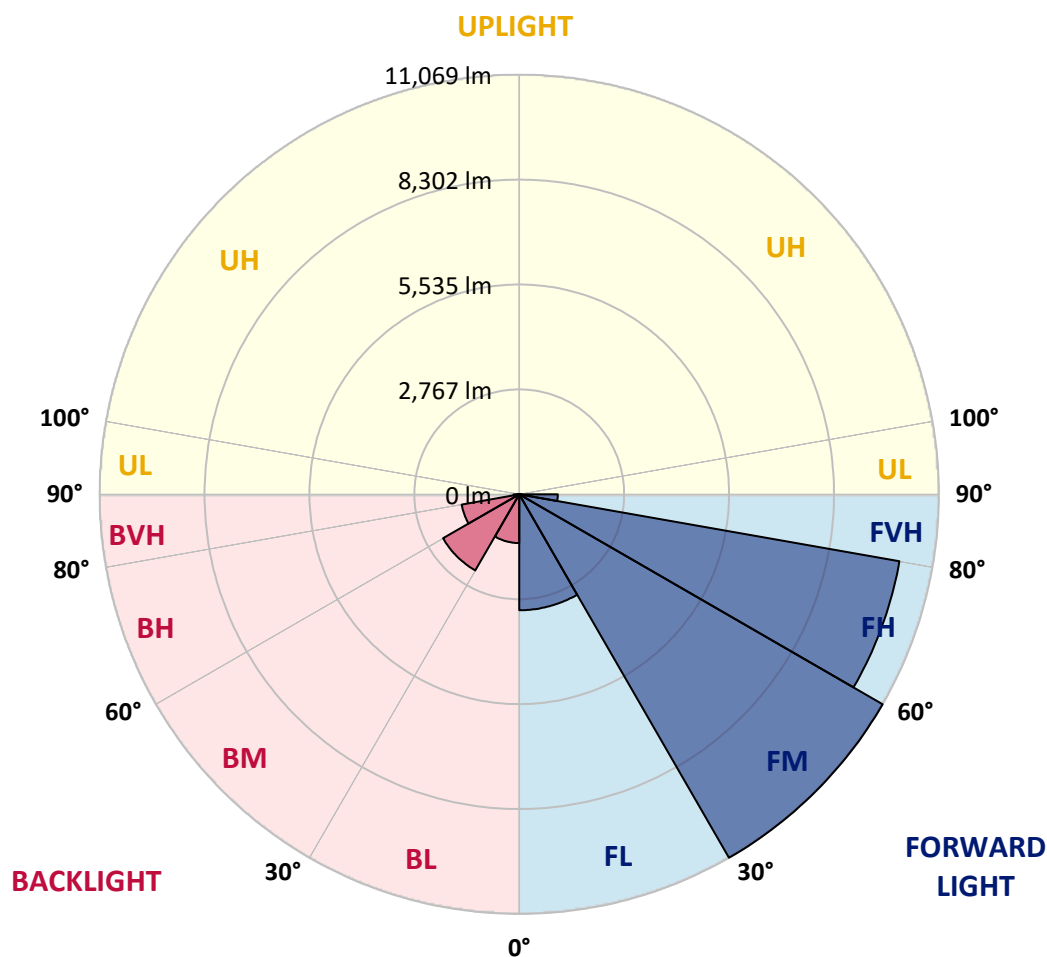
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3057.3	10.0			
FM	(30°-60°)	11069.2	36.2			
FH	(60°-80°)	10182.5	33.3			G4/12000
FVH	(80°-90°)	1015.8	3.3			G5
BL	(0°-30°)	1285.1	4.2	B3/2500		
BM	(30°-60°)	2319.9	7.6	B2/2500		
BH	(60°-80°)	1542.5	5.0	B3/2500		G3/2500
BVH	(80°-90°)	145.6	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°	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0
2.5°	9992.7	9904.6	9771.1	9637.7	9538.5	9438.2	9324.3	9210.5	9080.7	8949.7	8872.6
5°	9827.4	9582.6	9264.3	8946.1	8735.5	8524.9	8286.2	8047.5	7811.3	7575.0	7447.7
7.5°	9083.2	8715.9	8302.2	7888.4	7582.4	7275.1	6944.6	6612.8	6319.0	6024.0	5841.6
10°	8351.1	7910.4	7435.5	6959.3	6567.5	6175.8	5844.1	5511.1	5289.5	5068.0	4900.3
12.5°	7826.0	7337.5	6814.8	6290.9	5899.2	5507.4	5296.9	5086.3	4902.7	4719.1	4525.7
15°	7617.9	7065.8	6530.8	5994.6	5638.4	5282.2	5048.4	4813.3	4567.3	4320.0	4082.5
17.5°	7801.5	7155.1	6573.7	5992.2	5525.8	5059.4	4732.5	4404.5	4080.1	3755.7	3480.2
20°	8374.4	7549.3	6789.1	6027.7	5407.0	4786.4	4348.2	3908.7	3492.5	3076.3	2764.1
22.5°	9178.6	8086.7	7093.9	6101.1	5299.3	4496.3	3946.6	3395.8	2903.7	2411.6	2105.5
25°	10155.5	8799.2	7533.4	6266.4	5255.3	4242.9	3567.2	2891.4	2372.4	1852.1	1634.2
27.5°	11185.0	9648.7	8079.4	6508.8	5262.6	4016.4	3247.7	2477.7	2010.0	1542.4	1393.1
30°	12043.1	10619.5	8715.9	6811.1	5290.8	3770.4	2946.5	2122.7	1737.1	1351.5	1254.7
32.5°	12827.8	11296.4	9195.8	7093.9	5322.6	3550.0	2713.9	1876.6	1562.0	1246.2	1166.6
35°	13638.2	11897.5	9531.2	7163.7	5267.5	3370.1	2554.8	1739.5	1449.4	1158.0	1090.7
37.5°	14530.6	12547.5	9854.4	7160.0	5174.5	3188.9	2431.2	1672.2	1375.9	1078.5	1029.5
40°	15525.8	13266.1	10204.5	7142.9	5090.0	3035.9	2339.3	1641.6	1335.5	1028.3	986.7
42.5°	16499.0	13951.6	10530.1	7108.6	5021.4	2933.1	2248.8	1564.5	1298.8	1032.0	973.2
45°	17229.8	14550.2	10812.9	7074.3	4970.0	2865.7	2177.8	1489.8	1264.5	1039.3	964.6
47.5°	17784.4	15151.2	11126.3	7100.0	4965.1	2830.2	2127.6	1424.9	1199.7	973.2	942.6
50°	18489.5	15873.5	11582.9	7292.2	5032.5	2772.7	2068.8	1363.7	1137.2	910.8	952.4
52.5°	19367.2	16904.2	12290.4	7675.4	5173.2	2671.1	1975.8	1280.5	1061.3	841.0	905.9
55°	20656.2	18225.1	13195.1	8163.8	5343.4	2521.7	1835.0	1147.0	961.0	773.7	831.2
57.5°	21813.0	19559.4	14063.0	8565.3	5449.9	2333.2	1657.5	981.8	848.3	714.9	748.0
60°	22328.4	20247.4	14469.4	8690.2	5386.2	2082.3	1458.0	832.4	749.2	665.9	659.8
62.5°	22127.6	19810.3	14069.1	8327.9	5075.3	1822.8	1281.7	740.6	678.2	614.5	601.1
65°	21540.1	18436.8	12947.8	7458.7	4550.1	1641.6	1170.3	699.0	629.2	559.4	544.7
67.5°	20382.0	16481.9	11358.8	6235.8	3883.0	1530.2	1106.6	683.1	598.6	512.9	495.8
70°	18303.4	14129.1	9528.7	4927.2	3195.0	1461.6	1065.0	668.4	565.6	461.5	445.6
72.5°	15033.7	11328.2	7609.3	3889.1	2671.1	1453.1	1060.1	667.2	538.6	410.1	395.4
75°	10763.9	8604.5	5808.6	3011.4	2187.5	1363.7	1006.2	648.8	501.9	353.8	340.3
77.5°	7243.3	5955.5	4037.2	2117.8	1623.2	1128.7	845.9	563.1	429.7	296.2	282.8
80°	4651.8	4121.7	2705.4	1289.0	1052.8	816.5	604.7	393.0	313.4	232.6	221.6
82.5°	3412.9	3067.7	1880.3	692.9	585.1	476.2	369.7	263.2	214.2	165.3	160.4
85°	2169.2	2392.0	1384.5	377.0	308.5	239.9	198.3	156.7	123.6	90.6	90.6
87.5°	421.1	582.7	383.2	182.4	133.4	84.5	72.2	58.8	33.1	6.1	7.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0
2.5°	8794.3	8709.8	8625.3	8529.8	8433.1	8343.8	8253.2	8154.0	8172.4	8096.5	8020.6
5°	7320.4	7185.7	7049.9	6932.3	6814.8	6713.2	6610.4	6518.6	6598.1	6544.3	6490.4
7.5°	5658.0	5491.5	5323.8	5183.0	5042.3	4933.3	4823.1	4747.2	4825.6	4815.8	4806.0
10°	4732.5	4571.0	4408.1	4252.7	4097.2	3965.0	3831.6	3719.0	3699.4	3643.1	3585.5
12.5°	4331.0	4109.5	3886.7	3723.8	3561.0	3403.1	3245.2	3113.0	3053.0	2960.0	2865.7
15°	3845.0	3583.1	3321.1	3136.3	2950.2	2797.2	2642.9	2529.1	2491.1	2418.9	2346.7
17.5°	3204.8	2918.4	2631.9	2444.6	2256.1	2133.7	2010.0	1934.1	1934.1	1913.3	1892.5
20°	2452.0	2196.1	1940.3	1797.0	1653.8	1588.9	1522.8	1491.0	1500.8	1502.0	1502.0
22.5°	1798.3	1641.6	1484.9	1427.4	1368.6	1345.3	1322.1	1308.6	1313.5	1314.7	1316.0
25°	1416.3	1356.4	1295.1	1265.8	1235.2	1220.5	1205.8	1200.9	1211.9	1213.1	1213.1
27.5°	1243.7	1207.0	1169.1	1150.7	1131.1	1125.0	1118.9	1110.3	1121.3	1121.3	1120.1
30°	1156.8	1117.6	1078.5	1055.2	1032.0	1034.4	1035.6	1033.2	1040.5	1045.4	1049.1
32.5°	1085.8	1047.9	1009.9	986.7	962.2	958.5	954.8	952.4	968.3	976.9	985.4
35°	1022.2	980.5	938.9	916.9	894.9	886.3	877.7	871.6	886.3	897.3	908.3
37.5°	979.3	936.5	892.4	871.6	849.6	838.5	827.5	820.2	826.3	831.2	836.1
40°	945.0	901.0	855.7	831.2	806.7	795.7	784.7	778.6	782.2	783.5	784.7
42.5°	913.2	870.4	827.5	800.6	772.4	759.0	745.5	738.2	740.6	743.1	744.3
45°	890.0	847.1	803.0	771.2	738.2	723.5	708.8	700.2	701.4	701.4	701.4
47.5°	912.0	849.6	785.9	749.2	711.2	694.1	677.0	668.4	665.9	663.5	661.0
50°	992.8	886.3	778.6	732.0	684.3	665.9	646.3	636.6	630.4	628.0	625.5
52.5°	969.5	877.7	784.7	724.7	663.5	641.5	619.4	603.5	597.4	593.7	590.0
55°	887.5	830.0	771.2	699.0	626.8	607.2	586.4	575.3	564.3	561.9	559.4
57.5°	779.8	756.5	733.3	659.8	586.4	568.0	548.4	541.1	531.3	531.3	530.1
60°	652.5	686.7	721.0	636.6	550.9	530.1	509.2	503.1	499.5	498.2	497.0
62.5°	586.4	642.7	697.8	608.4	517.8	495.8	473.7	466.4	465.2	466.4	466.4
65°	530.1	547.2	564.3	522.7	481.1	459.1	435.8	428.5	430.9	434.6	438.2
67.5°	478.6	475.0	471.3	456.6	440.7	422.3	402.7	395.4	396.6	401.5	406.4
70°	429.7	424.8	418.7	407.6	396.6	380.7	364.8	359.9	358.7	364.8	369.7
72.5°	380.7	374.6	367.2	358.7	348.9	335.4	322.0	318.3	319.5	323.2	326.8
75°	326.8	322.0	315.8	308.5	299.9	287.7	275.4	273.0	275.4	279.1	282.8
77.5°	268.1	266.9	264.4	258.3	252.2	238.7	224.0	222.8	226.5	230.1	232.6
80°	209.3	210.6	211.8	206.9	202.0	187.3	171.4	170.2	173.8	177.5	181.2
82.5°	154.2	157.9	160.4	154.2	148.1	131.0	113.8	111.4	123.6	127.3	131.0
85°	89.4	94.3	99.2	94.3	89.4	72.2	55.1	53.9	64.9	71.0	77.1
87.5°	7.3	9.8	12.2	11.0	9.8	4.9	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: P320553
 CATALOG NUMBER: GAN-SA9A-727-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: P320553

CATALOG NUMBER: GAN-SA9A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0
2.5°	7972.9	7925.1	7910.4	7895.7	7841.9	7786.8	7843.1	7898.2	7921.4	7944.7	7884.7
5°	6483.1	6474.5	6474.5	6473.3	6424.3	6374.1	6412.1	6448.8	6366.8	6284.8	6276.2
7.5°	4858.6	4911.3	4954.1	4995.7	4979.8	4963.9	4999.4	5034.9	4930.9	4825.6	4774.2
10°	3597.8	3608.8	3655.3	3701.8	3712.8	3722.6	3766.7	3809.5	3728.7	3648.0	3612.5
12.5°	2807.0	2748.2	2754.3	2759.2	2781.3	2802.1	2848.6	2893.9	2860.8	2826.6	2830.2
15°	2273.2	2198.6	2168.0	2136.1	2160.6	2185.1	2218.2	2250.0	2251.2	2251.2	2283.0
17.5°	1855.8	1817.9	1787.3	1755.4	1788.5	1820.3	1824.0	1827.6	1828.9	1830.1	1827.6
20°	1520.4	1538.8	1529.0	1519.2	1531.4	1542.4	1552.2	1560.8	1549.8	1537.5	1506.9
22.5°	1333.1	1349.0	1361.2	1372.3	1393.1	1412.7	1402.9	1391.9	1369.8	1346.6	1323.3
25°	1224.1	1235.2	1247.4	1259.6	1276.8	1292.7	1275.6	1258.4	1242.5	1226.6	1210.7
27.5°	1132.3	1143.4	1154.4	1164.2	1180.1	1194.8	1178.9	1162.9	1149.5	1136.0	1123.8
30°	1057.7	1065.0	1073.6	1082.1	1096.8	1110.3	1096.8	1082.1	1072.4	1061.3	1052.8
32.5°	994.0	1001.4	1005.0	1008.7	1022.2	1035.6	1025.8	1016.0	1007.5	998.9	992.8
35°	924.2	938.9	941.4	943.8	957.3	970.7	964.6	957.3	947.5	937.7	926.7
37.5°	853.2	870.4	880.2	888.7	902.2	915.7	909.5	903.4	890.0	876.5	856.9
40°	793.2	800.6	819.0	836.1	858.1	878.9	866.7	853.2	832.4	811.6	801.8
42.5°	743.1	741.8	759.0	776.1	809.2	841.0	819.0	796.9	777.3	757.7	755.3
45°	699.0	695.3	703.9	712.5	748.0	782.2	760.2	736.9	725.9	714.9	714.9
47.5°	659.8	657.4	663.5	668.4	690.4	711.2	700.2	689.2	683.1	677.0	678.2
50°	624.3	621.9	628.0	632.9	641.5	648.8	651.2	652.5	648.8	645.1	647.6
52.5°	591.3	591.3	593.7	594.9	606.0	617.0	617.0	615.7	615.7	615.7	618.2
55°	563.1	565.6	565.6	565.6	582.7	598.6	593.7	588.8	590.0	590.0	592.5
57.5°	535.0	538.6	541.1	543.5	560.7	577.8	572.9	568.0	568.0	568.0	569.2
60°	503.1	508.0	512.9	517.8	535.0	552.1	547.2	541.1	542.3	543.5	544.7
62.5°	472.5	477.4	482.3	487.2	504.3	521.5	516.6	510.5	514.1	516.6	516.6
65°	443.1	446.8	451.7	456.6	472.5	488.4	483.5	478.6	483.5	487.2	489.7
67.5°	410.1	412.5	417.4	422.3	438.2	454.2	449.3	443.1	449.3	454.2	459.1
70°	372.1	374.6	380.7	385.6	401.5	417.4	411.3	405.2	411.3	417.4	422.3
72.5°	330.5	333.0	339.1	344.0	362.3	380.7	373.4	366.0	373.4	380.7	383.2
75°	285.2	287.7	295.0	301.1	319.5	337.9	331.7	324.4	330.5	336.6	337.9
77.5°	236.3	239.9	249.7	259.5	274.2	288.9	285.2	281.6	285.2	288.9	288.9
80°	184.8	188.5	200.8	211.8	220.3	228.9	230.1	231.4	232.6	233.8	232.6
82.5°	137.1	142.0	153.0	164.0	164.0	164.0	173.8	182.4	182.4	181.2	179.9
85°	84.5	90.6	100.4	110.2	104.1	97.9	113.8	128.5	128.5	127.3	124.9
87.5°	17.1	23.3	33.1	41.6	35.5	29.4	45.3	61.2	62.4	62.4	60.0
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: P320553
 CATALOG NUMBER: GAN-SA9A-727-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: P320553

CATALOG NUMBER: GAN-SA9A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0
2.5°	7823.5	7919.0	8013.3	8037.7	8074.5	8090.4	8105.1	8225.0	8343.8	8483.3	8622.9
5°	6266.4	6337.4	6408.4	6419.4	6457.4	6477.0	6496.5	6642.2	6786.7	6981.3	7175.9
7.5°	4722.8	4739.9	4757.0	4754.6	4786.4	4829.3	4870.9	5026.3	5180.6	5389.9	5598.0
10°	3577.0	3616.1	3654.1	3689.6	3759.3	3840.1	3919.7	4078.9	4238.0	4444.9	4650.5
12.5°	2833.9	2879.2	2923.3	2962.4	3043.2	3150.9	3257.5	3448.4	3639.4	3886.7	4132.7
15°	2313.6	2310.0	2306.3	2333.2	2404.2	2521.7	2638.0	2840.0	3042.0	3313.8	3584.3
17.5°	1825.2	1806.8	1788.5	1809.3	1875.4	1972.1	2067.6	2239.0	2409.1	2672.3	2935.5
20°	1476.3	1464.1	1451.8	1471.4	1513.0	1553.4	1593.8	1717.5	1839.9	2054.1	2267.1
22.5°	1298.8	1297.6	1295.1	1306.2	1325.7	1346.6	1366.1	1426.1	1484.9	1623.2	1760.3
25°	1194.8	1193.5	1192.3	1197.2	1213.1	1229.0	1245.0	1284.1	1323.3	1389.4	1455.5
27.5°	1111.5	1109.1	1106.6	1107.9	1111.5	1136.0	1159.3	1177.6	1194.8	1240.1	1284.1
30°	1044.2	1043.0	1041.7	1041.7	1038.1	1046.6	1055.2	1083.4	1110.3	1156.8	1203.3
32.5°	986.7	980.5	974.4	961.0	952.4	964.6	976.9	1006.2	1035.6	1078.5	1121.3
35°	914.4	898.5	881.4	874.0	875.3	887.5	899.7	929.1	957.3	1003.8	1049.1
37.5°	836.1	831.2	825.1	823.8	827.5	839.8	852.0	877.7	902.2	948.7	994.0
40°	792.0	789.6	787.1	784.7	787.1	799.4	811.6	836.1	859.3	904.6	948.7
42.5°	752.8	751.6	750.4	750.4	751.6	765.1	778.6	803.0	826.3	866.7	907.1
45°	714.9	716.1	716.1	718.6	722.2	735.7	748.0	774.9	801.8	841.0	880.2
47.5°	679.4	683.1	685.5	691.6	695.3	710.0	723.5	752.8	782.2	831.2	878.9
50°	648.8	652.5	654.9	659.8	669.6	686.7	703.9	739.4	773.7	855.7	936.5
52.5°	620.6	624.3	628.0	632.9	645.1	664.7	684.3	728.4	771.2	866.7	962.2
55°	594.9	598.6	601.1	608.4	620.6	637.8	653.7	707.6	761.4	831.2	901.0
57.5°	570.5	574.1	576.6	581.5	587.6	606.0	623.1	680.6	738.2	787.1	834.9
60°	544.7	547.2	548.4	548.4	553.3	574.1	594.9	668.4	740.6	732.0	722.2
62.5°	516.6	519.0	520.3	516.6	522.7	544.7	566.8	662.3	757.7	699.0	640.2
65°	490.9	489.7	488.4	484.8	492.1	514.1	535.0	582.7	630.4	607.2	583.9
67.5°	462.7	459.1	455.4	450.5	457.8	477.4	495.8	511.7	527.6	530.1	532.5
70°	427.2	422.3	417.4	416.2	419.9	435.8	451.7	462.7	472.5	477.4	481.1
72.5°	385.6	381.9	378.3	375.8	377.0	390.5	402.7	412.5	422.3	426.0	428.5
75°	339.1	339.1	337.9	330.5	330.5	341.5	351.3	359.9	368.5	373.4	378.3
77.5°	288.9	290.1	290.1	280.3	279.1	290.1	299.9	307.3	313.4	318.3	322.0
80°	231.4	228.9	226.5	220.3	217.9	231.4	243.6	249.7	254.6	255.8	255.8
82.5°	177.5	172.6	166.5	153.0	154.2	168.9	182.4	187.3	192.2	192.2	192.2
85°	121.2	111.4	100.4	89.4	90.6	106.5	121.2	126.1	131.0	133.4	134.7
87.5°	57.5	47.7	36.7	28.2	28.2	41.6	53.9	56.3	58.8	63.7	68.6
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: P320553
 CATALOG NUMBER: GAN-SA9A-727-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: P320553

CATALOG NUMBER: GAN-SA9A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0
2.5°	8729.4	8834.7	8943.6	9052.6	9177.4	9302.3	9448.0	9592.4	9716.0	9839.7	9942.5
5°	7343.6	7511.4	7708.4	7905.5	8156.5	8407.4	8714.7	9020.7	9293.7	9566.7	9883.7
7.5°	5817.1	6035.0	6292.1	6549.2	6873.6	7198.0	7595.8	7993.7	8379.3	8763.7	9250.9
10°	4879.4	5108.4	5361.8	5613.9	5944.4	6273.7	6694.8	7114.7	7548.1	7980.2	8531.1
12.5°	4387.3	4640.7	4863.5	5086.3	5354.4	5621.3	6028.9	6436.6	6945.8	7453.8	7983.9
15°	3862.2	4138.8	4405.7	4672.6	4965.1	5256.5	5653.1	6049.7	6606.7	7163.7	7773.3
17.5°	3226.8	3518.2	3843.8	4168.2	4550.1	4930.9	5438.9	5946.9	6606.7	7265.3	7983.9
20°	2564.6	2862.1	3251.3	3640.6	4115.6	4589.3	5247.9	5906.5	6795.2	7682.7	8599.6
22.5°	2023.5	2285.5	2710.3	3133.8	3682.2	4230.6	5075.3	5918.7	7080.5	8240.9	9478.6
25°	1640.4	1825.2	2242.6	2658.8	3291.7	3924.6	4970.0	6014.2	7495.4	8975.4	10510.5
27.5°	1405.3	1526.5	1915.8	2303.8	2995.5	3685.9	4927.2	6167.2	8021.8	9876.4	11633.1
30°	1287.8	1372.3	1701.6	2029.6	2732.3	3435.0	4875.8	6316.6	8528.6	10739.4	12510.8
32.5°	1189.9	1257.2	1538.8	1819.1	2504.6	3190.1	4776.6	6361.9	8882.4	11402.9	13253.8
35°	1106.6	1162.9	1407.8	1652.6	2325.9	2999.2	4610.1	6221.1	9104.0	11986.8	14027.5
37.5°	1039.3	1083.4	1309.8	1536.3	2171.6	2807.0	4420.4	6033.8	9301.1	12568.3	14897.8
40°	986.7	1024.6	1236.4	1448.2	2024.7	2601.3	4257.6	5912.6	9572.8	13233.0	15817.2
42.5°	957.3	1006.2	1172.7	1338.0	1885.2	2432.4	4126.6	5820.8	9825.0	13827.9	16621.4
45°	949.9	1019.7	1139.7	1259.6	1781.1	2302.6	4010.3	5716.8	9987.8	14258.8	17227.4
47.5°	937.7	995.2	1114.0	1232.7	1729.7	2225.5	3947.9	5669.0	10150.6	14631.0	17730.5
50°	945.0	952.4	1093.2	1232.7	1722.4	2212.0	4018.9	5825.7	10503.2	15179.4	18305.9
52.5°	931.6	899.7	1054.0	1208.2	1721.1	2234.1	4223.3	6212.5	11158.1	16102.4	18929.0
55°	860.6	819.0	980.5	1142.1	1695.4	2247.5	4466.9	6685.1	12037.0	17387.8	20049.0
57.5°	798.1	760.2	897.3	1033.2	1617.1	2201.0	4717.9	7233.5	12966.1	18697.6	21311.1
60°	714.9	706.3	804.3	902.2	1495.9	2088.4	4924.7	7759.9	13590.5	19419.8	21797.1
62.5°	646.3	651.2	723.5	795.7	1344.1	1891.3	4993.3	8094.0	13573.3	19052.6	21307.5
65°	593.7	602.3	673.3	744.3	1214.4	1684.4	4768.0	7850.4	12886.6	17921.5	20339.2
67.5°	542.3	552.1	636.6	719.8	1099.3	1477.5	4204.9	6931.1	11651.4	16370.5	19107.7
70°	493.3	505.6	597.4	689.2	1016.0	1341.7	3479.0	5616.4	10105.3	14593.0	17681.6
72.5°	440.7	452.9	550.9	648.8	963.4	1276.8	2836.3	4394.7	8200.5	12005.2	15124.3
75°	386.8	395.4	501.9	607.2	891.2	1175.2	2225.5	3274.6	6276.2	9277.8	11423.7
77.5°	333.0	344.0	433.3	521.5	756.5	990.3	1677.1	2363.8	4605.2	6845.4	7944.7
80°	265.6	275.4	339.1	401.5	583.9	765.1	1153.1	1541.2	3169.3	4797.4	5416.8
82.5°	203.2	214.2	257.1	298.7	416.2	533.7	699.0	864.2	2105.5	3345.6	3397.0
85°	139.6	143.2	173.8	203.2	257.1	310.9	400.3	489.7	1393.1	2296.5	1913.3
87.5°	69.8	69.8	90.6	111.4	138.3	165.3	211.8	257.1	445.6	634.1	364.8
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: P320553
 CATALOG NUMBER: GAN-SA9A-727-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: P320553

CATALOG NUMBER: GAN-SA9A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0
2.5°	10073.5	10162.9	10253.4	10322.0	10391.8	10492.1	10592.5	10610.9	10630.5	10591.3	10552.1
5°	10203.2	10473.8	10745.5	10996.5	11247.4	11398.0	11548.6	11579.2	11609.8	11515.5	11420.0
7.5°	9722.2	10193.5	10664.8	11096.9	11529.0	11791.0	12054.2	12112.9	12172.9	12018.7	11864.4
10°	9079.5	9658.5	10237.5	10806.8	11376.0	11756.7	12137.4	12213.3	12289.2	12097.0	11904.8
12.5°	8582.5	9200.7	9818.9	10418.7	11019.8	11413.9	11808.1	11902.4	11996.6	11857.1	11716.3
15°	8429.5	9010.9	9592.4	10115.1	10639.0	10961.0	11284.2	11322.1	11361.3	11339.3	11317.2
17.5°	8707.3	9232.5	9758.9	10042.9	10328.1	10456.6	10586.4	10628.0	10670.9	10726.0	10782.3
20°	9380.6	9750.3	10121.2	10109.0	10095.5	10033.1	9969.4	9958.4	9947.4	10105.3	10264.5
22.5°	10385.6	10532.5	10680.7	10336.7	9992.7	9783.4	9572.8	9531.2	9488.3	9656.1	9825.0
25°	11476.4	11449.4	11421.3	10766.4	10110.2	9711.1	9312.1	9265.6	9219.0	9362.3	9506.7
27.5°	12556.1	12379.8	12203.5	11313.5	10423.6	9844.6	9265.6	9219.0	9172.5	9299.8	9427.1
30°	13348.1	13065.3	12782.5	11775.1	10767.6	10079.6	9391.6	9315.7	9238.6	9395.3	9552.0
32.5°	13966.3	13586.8	13207.3	12149.6	11092.0	10347.7	9603.4	9484.7	9365.9	9575.3	9784.6
35°	14583.2	14049.5	13514.6	12483.8	11451.9	10664.8	9876.4	9730.7	9585.1	9872.7	10160.4
37.5°	15359.3	14593.0	13825.5	12859.6	11893.8	11139.7	10384.4	10235.1	10085.7	10451.8	10819.0
40°	16201.6	15179.4	14157.2	13271.0	12384.7	11797.1	11208.3	11066.3	10923.0	11368.6	11814.2
42.5°	16901.8	15725.4	14549.0	13766.7	12983.3	12569.5	12154.5	12153.3	12150.9	12602.6	13054.3
45°	17471.0	16180.8	14889.3	14250.3	13610.0	13394.6	13179.1	13351.8	13524.4	13932.0	14340.9
47.5°	17895.8	16562.7	15228.4	14803.6	14378.8	14410.6	14442.5	14793.8	15145.1	15407.1	15670.3
50°	18172.4	16909.1	15644.6	15513.6	15382.6	15667.8	15954.3	16357.0	16761.0	16939.7	17118.4
52.5°	18575.2	17379.2	16182.0	16328.9	16475.8	17058.5	17641.2	18048.8	18456.4	18522.5	18589.9
55°	19506.8	18243.4	16978.9	17260.4	17543.2	18397.7	19253.4	19571.6	19889.9	19914.4	19938.9
57.5°	20830.1	19454.1	18078.2	18381.8	18685.4	19672.0	20659.9	21002.7	21346.6	21298.9	21249.9
60°	21820.4	20603.6	19385.6	19691.6	19997.6	20959.8	21922.0	22316.2	22711.6	22606.3	22501.0
62.5°	21881.6	21231.6	20580.3	20857.0	21134.9	22077.5	23020.0	23425.2	23830.4	23646.8	23463.2
65°	20908.4	21199.7	21491.1	21582.9	21674.7	22553.6	23433.8	23743.5	24054.5	23961.4	23868.4
67.5°	19568.0	20641.5	21716.3	21531.5	21346.6	21759.2	22171.7	22491.2	22810.7	22758.1	22704.2
70°	18230.0	19663.4	21096.9	20188.6	19279.1	19108.9	18938.7	19282.7	19627.9	19414.9	19200.7
72.5°	15951.8	17479.6	19008.5	17335.1	15661.7	15080.2	14498.8	14935.8	15372.8	15033.7	14693.4
75°	12521.8	14209.9	15899.2	13902.6	11906.0	11129.9	10353.8	10729.6	11105.4	10872.9	10639.0
77.5°	9321.9	10985.5	12649.1	10619.5	8588.6	8012.0	7434.2	7545.6	7658.3	7619.1	7578.7
80°	6322.7	7482.0	8642.5	7291.0	5939.6	5983.6	6028.9	5976.3	5922.4	6000.8	6079.1
82.5°	4034.8	4929.6	5825.7	5108.4	4391.0	4802.3	5213.6	5011.7	4808.4	4883.1	4959.0
85°	2302.6	3177.9	4054.4	3778.9	3502.3	3742.2	3983.4	3670.0	3356.6	3493.7	3632.0
87.5°	607.2	1757.9	2909.8	2641.7	2373.6	2062.7	1751.8	1336.8	921.8	1346.6	1771.3
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: P320553

CATALOG NUMBER: GAN-SA9A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0	9328.0
2.5°	10531.3	10510.5	10435.8	10359.9	10247.3	10154.3	9992.7
5°	11287.8	11155.6	10927.9	10699.0	10444.4	10151.8	9827.4
7.5°	11555.9	11246.2	10809.2	10371.0	9976.8	9514.1	9083.2
10°	11442.1	10978.1	10410.1	9840.9	9362.3	8829.8	8351.1
12.5°	11224.2	10730.9	10105.3	9478.6	8933.8	8362.1	7826.0
15°	10924.3	10530.1	9943.7	9357.4	8808.9	8253.2	7617.9
17.5°	10596.2	10408.9	9985.4	9560.6	9085.6	8547.0	7801.5
20°	10331.8	10400.3	10231.4	10062.5	9681.8	9211.7	8374.4
22.5°	10153.1	10482.4	10612.1	10743.1	10514.2	10146.9	9178.6
25°	10052.7	10598.6	11033.2	11469.0	11367.4	11084.6	10155.5
27.5°	10096.7	10766.4	11440.9	12116.6	12210.8	12132.5	11185.0
30°	10229.0	10907.1	11728.5	12551.2	12927.0	13032.2	12043.1
32.5°	10449.3	11114.0	12008.9	12904.9	13472.9	13808.4	12827.8
35°	10782.3	11404.1	12336.9	13269.7	14004.2	14616.3	13638.2
37.5°	11353.9	11888.9	12749.5	13611.3	14563.7	15483.0	14530.6
40°	12191.3	12569.5	13296.7	14025.0	15223.5	16464.8	15525.8
42.5°	13247.7	13442.3	14018.9	14595.5	15912.7	17355.9	16499.0
45°	14392.3	14443.7	14806.0	15169.6	16458.6	17963.1	17229.8
47.5°	15494.0	15317.7	15462.2	15606.6	16877.3	18396.5	17784.4
50°	16627.6	16136.7	16060.8	15984.9	17295.9	18906.9	18489.5
52.5°	17780.7	16971.5	16671.6	16370.5	17795.4	19583.9	19367.2
55°	18909.4	17879.9	17475.9	17071.9	18559.3	20410.2	20656.2
57.5°	20083.3	18916.7	18542.1	18167.5	19681.8	21456.8	21813.0
60°	21346.6	20191.0	19891.1	19590.0	21077.3	22587.9	22328.4
62.5°	22545.1	21627.0	21469.1	21309.9	22488.8	23457.1	22127.6
65°	23345.7	22821.7	22968.6	23116.8	23556.2	23673.7	21540.1
67.5°	22810.7	22917.2	23537.9	24159.7	23857.4	23029.8	20382.0
70°	19838.5	20477.5	21947.7	23419.1	22748.3	21305.0	18303.4
72.5°	15410.8	16129.3	18312.0	20495.9	19877.7	18110.0	15033.7
75°	11449.4	12261.0	14670.2	17079.3	16221.1	13546.4	10763.9
77.5°	8122.2	8665.7	11044.2	13424.0	12024.8	9017.1	7243.3
80°	5912.6	5746.1	7071.9	8397.6	8165.0	5964.0	4651.8
82.5°	4552.6	4146.2	4770.5	5394.8	5360.5	4138.8	3412.9
85°	3469.2	3306.4	3858.5	4410.6	3938.1	2803.3	2169.2
87.5°	2022.3	2274.5	2924.5	3575.7	2683.3	850.8	421.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GAN-SA9A-727-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)