

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: P320563

Luminaire Tested: **GAN-SA9B-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320563
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-SA9B-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 2700K, 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: 37547 lumens
Efficiency: N/A
Efficacy: 100.4 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

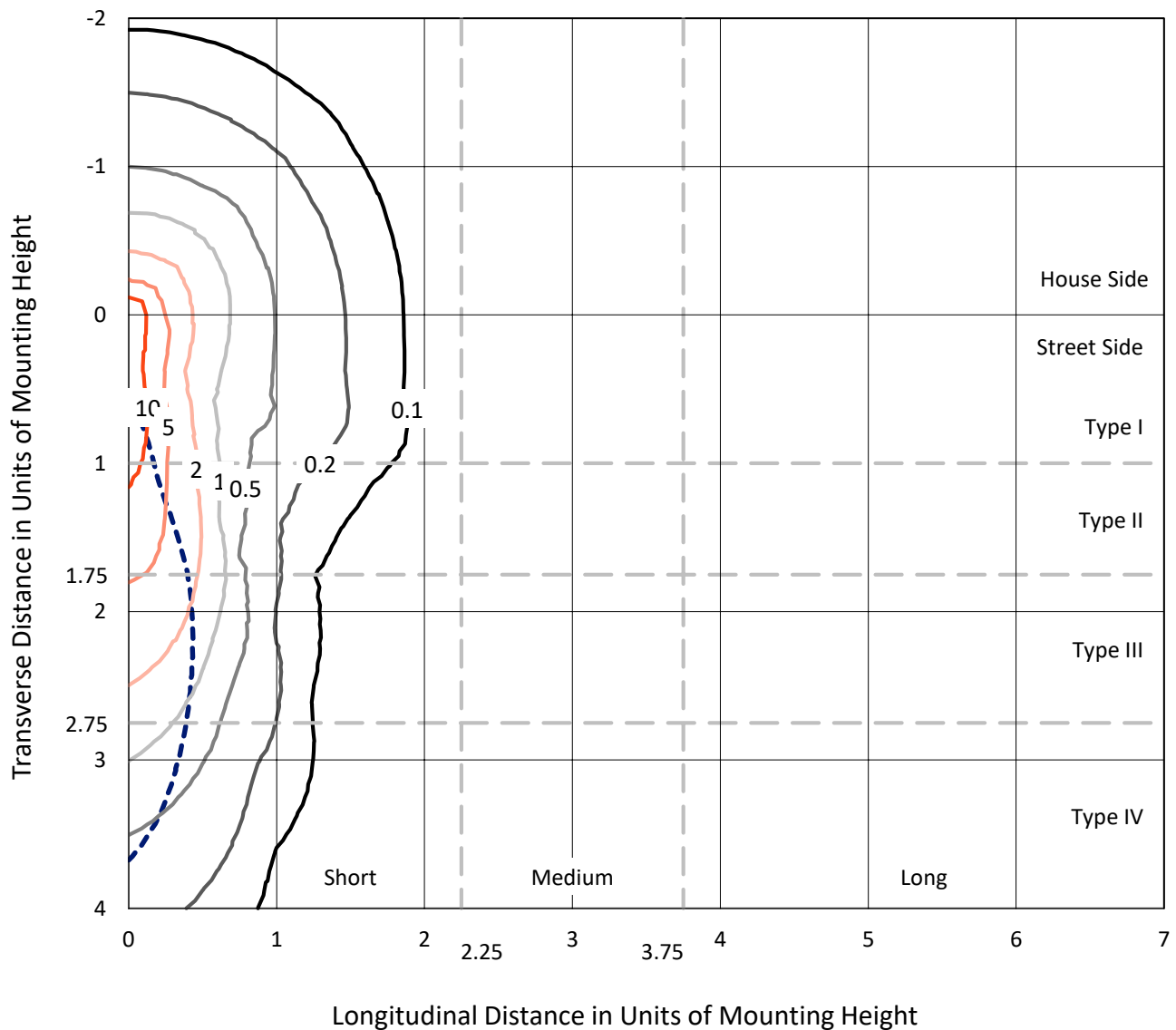
Input Watts (W): 374
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

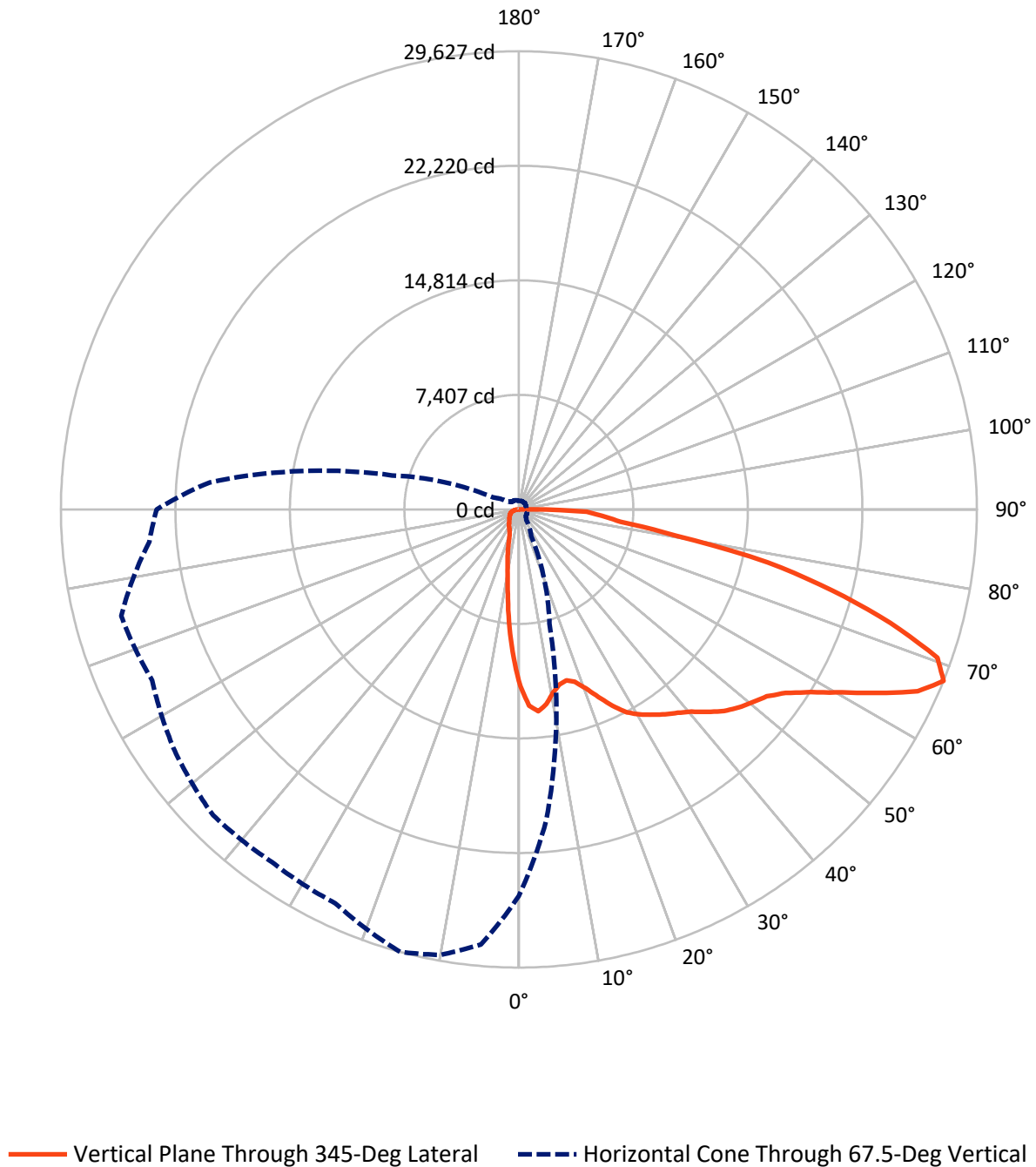
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



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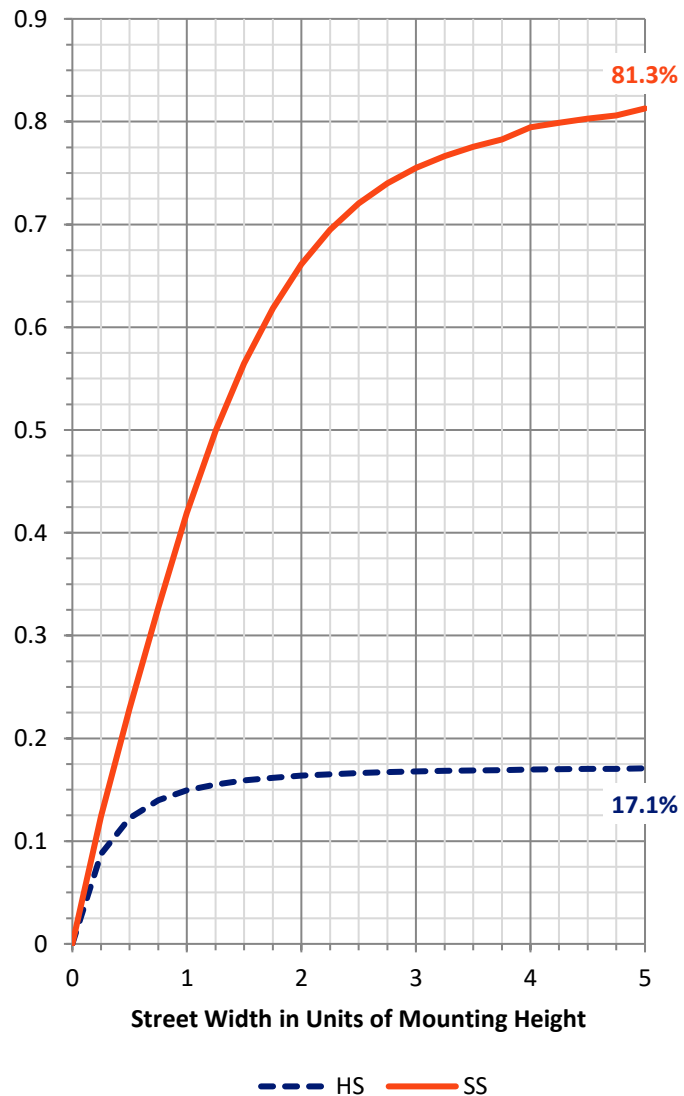
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6491.1	0.0	6491.1
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	31055.9	0.0	31055.9
	% Fixture	82.7	0.0	82.7
Total	Lumens	37547.0	0.0	37547.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	882.8	2.4
10°-20°	1834.0	4.9
20°-30°	2608.3	6.9
30°-40°	3758.6	10.0
40°-50°	5296.9	14.1
50°-60°	7363.6	19.6
60°-70°	8904.8	23.7
70°-80°	5473.6	14.6
80°-90°	1424.3	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°	37547.0	100.0
0°-180°	37547.0	100.0

Coefficient of Utilization



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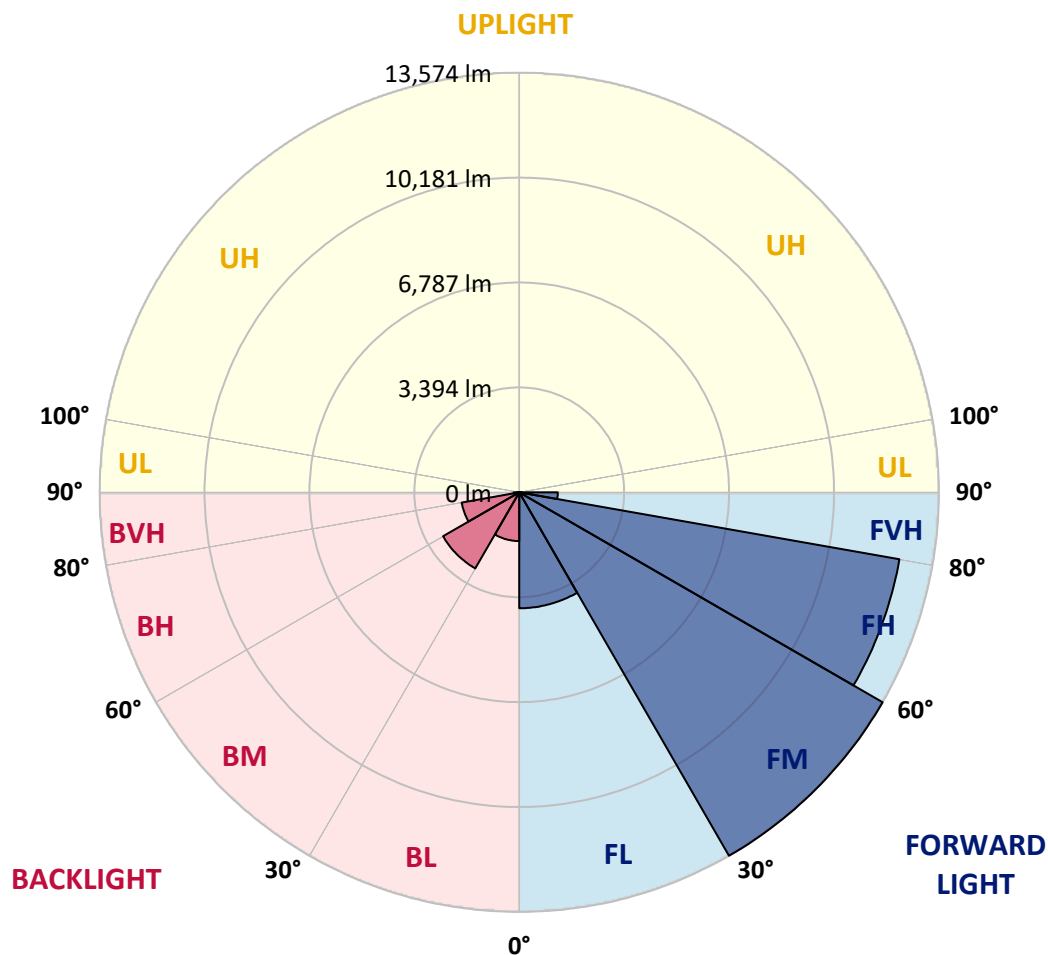
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3749.1	10.0			
FM	(30°-60°)	13574.2	36.2			
FH	(60°-80°)	12486.8	33.3			G5
FVH	(80°-90°)	1245.7	3.3			G5
BL	(0°-30°)	1576.0	4.2	B3/2500		
BM	(30°-60°)	2844.9	7.6	B3/5000		
BH	(60°-80°)	1891.6	5.0	B3/2500		G3/2500
BVH	(80°-90°)	178.5	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°	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0
2.5°	12254.1	12146.0	11982.4	11818.8	11697.2	11574.1	11434.5	11294.8	11135.7	10975.1	10880.5
5°	12051.4	11751.2	11360.9	10970.6	10712.4	10454.2	10161.5	9868.7	9579.0	9289.3	9133.1
7.5°	11138.7	10688.4	10181.0	9673.6	9298.3	8921.5	8516.2	8109.3	7749.1	7387.3	7163.6
10°	10241.0	9700.6	9118.1	8534.2	8053.8	7573.4	7166.6	6758.3	6486.6	6214.9	6009.2
12.5°	9597.0	8998.0	8357.0	7714.5	7234.2	6753.8	6495.6	6237.4	6012.2	5787.0	5549.8
15°	9341.8	8664.8	8008.8	7351.3	6914.4	6477.6	6190.8	5902.6	5600.9	5297.6	5006.4
17.5°	9567.0	8774.4	8061.3	7348.3	6776.3	6204.4	5803.5	5401.2	5003.4	4605.6	4267.8
20°	10269.5	9257.7	8325.5	7391.8	6630.7	5869.6	5332.2	4793.3	4282.9	3772.5	3389.7
22.5°	11255.8	9916.8	8699.3	7481.9	6498.6	5513.8	4839.8	4164.3	3560.8	2957.3	2582.0
25°	12453.7	10790.4	9238.2	7684.5	6444.5	5203.1	4374.4	3545.8	2909.3	2271.3	2004.1
27.5°	13716.2	11832.3	9907.8	7981.7	6453.6	4925.4	3982.6	3038.4	2464.9	1891.5	1708.3
30°	14768.6	13022.7	10688.4	8352.5	6488.1	4623.6	3613.3	2603.0	2130.2	1657.3	1538.7
32.5°	15730.8	13852.8	11276.8	8699.3	6527.1	4353.4	3328.1	2301.3	1915.5	1528.2	1430.6
35°	16724.6	14589.9	11688.1	8784.9	6459.6	4132.7	3133.0	2133.2	1777.4	1420.1	1337.5
37.5°	17818.9	15387.0	12084.5	8780.4	6345.5	3910.6	2981.3	2050.6	1687.3	1322.5	1262.5
40°	19039.4	16268.2	12513.8	8759.4	6241.9	3722.9	2868.7	2013.1	1637.8	1261.0	1209.9
42.5°	20232.8	17108.9	12913.1	8717.3	6157.8	3596.8	2757.7	1918.5	1592.7	1265.5	1193.4
45°	21129.0	17843.0	13259.9	8675.3	6094.8	3514.3	2670.6	1826.9	1550.7	1274.5	1182.9
47.5°	21809.1	18580.0	13644.2	8706.8	6088.8	3470.7	2609.0	1747.4	1471.2	1193.4	1155.9
50°	22673.7	19465.7	14204.1	8942.5	6171.3	3400.2	2537.0	1672.3	1394.6	1116.9	1167.9
52.5°	23750.1	20729.7	15071.8	9412.4	6344.0	3275.6	2422.9	1570.2	1301.5	1031.3	1110.9
55°	25330.8	22349.5	16181.2	10011.3	6552.6	3092.4	2250.3	1406.6	1178.4	948.7	1019.3
57.5°	26749.4	23985.8	17245.5	10503.7	6683.2	2861.2	2032.6	1203.9	1040.3	876.7	917.2
60°	27381.4	24829.4	17743.9	10656.8	6605.2	2553.5	1787.9	1020.8	918.7	816.6	809.1
62.5°	27135.2	24293.5	17253.0	10212.5	6223.9	2235.2	1571.7	908.2	831.7	753.6	737.1
65°	26414.7	22609.2	15877.9	9146.7	5579.9	2013.1	1435.1	857.2	771.6	686.0	668.0
67.5°	24994.6	20211.8	13929.4	7647.0	4761.7	1876.5	1357.1	837.7	734.1	629.0	608.0
70°	22445.6	17326.6	11685.1	6042.2	3918.1	1792.4	1306.0	819.6	693.5	565.9	546.4
72.5°	18435.9	13891.9	9331.3	4769.2	3275.6	1781.9	1300.0	818.1	660.5	502.9	484.9
75°	13199.8	10551.8	7123.1	3692.9	2682.6	1672.3	1234.0	795.6	615.5	433.8	417.3
77.5°	8882.5	7303.2	4950.9	2597.0	1990.6	1384.1	1037.3	690.5	526.9	363.3	346.8
80°	5704.5	5054.5	3317.6	1580.7	1291.0	1001.3	741.6	481.9	384.3	285.2	271.7
82.5°	4185.3	3761.9	2305.8	849.7	717.6	584.0	453.4	322.8	262.7	202.7	196.7
85°	2660.1	2933.3	1697.8	462.4	378.3	294.2	243.2	192.2	151.6	111.1	111.1
87.5°	516.4	714.6	469.9	223.7	163.6	103.6	88.6	72.1	40.5	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



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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°	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0
2.5°	10784.4	10680.9	10577.3	10460.2	10341.6	10232.0	10120.9	9999.3	10021.8	9928.8	9835.7
5°	8977.0	8811.9	8645.3	8501.2	8357.0	8232.4	8106.3	7993.8	8091.3	8025.3	7959.2
7.5°	6938.4	6734.3	6528.6	6356.0	6183.3	6049.7	5914.6	5821.6	5917.6	5905.6	5893.6
10°	5803.5	5605.4	5405.7	5215.1	5024.4	4862.3	4698.7	4560.6	4536.6	4467.5	4396.9
12.5°	5311.2	5039.4	4766.2	4566.6	4366.9	4173.3	3979.6	3817.5	3743.9	3629.8	3514.3
15°	4715.2	4393.9	4072.7	3846.0	3617.8	3430.2	3241.0	3101.4	3054.9	2966.3	2877.8
17.5°	3930.1	3578.8	3227.5	2997.8	2766.7	2616.5	2464.9	2371.9	2371.9	2346.3	2320.8
20°	3006.9	2693.1	2379.4	2203.7	2028.1	1948.5	1867.5	1828.4	1840.4	1841.9	1841.9
22.5°	2205.2	2013.1	1820.9	1750.4	1678.3	1649.8	1621.3	1604.8	1610.8	1612.3	1613.8
25°	1736.9	1663.3	1588.2	1552.2	1514.7	1496.7	1478.7	1472.7	1486.2	1487.7	1487.7
27.5°	1525.2	1480.2	1433.6	1411.1	1387.1	1379.6	1372.1	1361.6	1375.1	1375.1	1373.6
30°	1418.6	1370.6	1322.5	1294.0	1265.5	1268.5	1270.0	1267.0	1276.0	1282.0	1286.5
32.5°	1331.5	1285.0	1238.5	1209.9	1179.9	1175.4	1170.9	1167.9	1187.4	1197.9	1208.4
35°	1253.5	1202.4	1151.4	1124.4	1097.4	1086.9	1076.3	1068.8	1086.9	1100.4	1113.9
37.5°	1200.9	1148.4	1094.4	1068.8	1041.8	1028.3	1014.8	1005.8	1013.3	1019.3	1025.3
40°	1158.9	1104.9	1049.3	1019.3	989.3	975.8	962.3	954.7	959.3	960.8	962.3
42.5°	1119.9	1067.3	1014.8	981.8	947.2	930.7	914.2	905.2	908.2	911.2	912.7
45°	1091.4	1038.8	984.8	945.7	905.2	887.2	869.2	858.7	860.2	860.2	860.2
47.5°	1118.4	1041.8	963.8	918.7	872.2	851.2	830.1	819.6	816.6	813.6	810.6
50°	1217.5	1086.9	954.7	897.7	839.2	816.6	792.6	780.6	773.1	770.1	767.1
52.5°	1188.9	1076.3	962.3	888.7	813.6	786.6	759.6	740.1	732.6	728.1	723.6
55°	1088.4	1017.8	945.7	857.2	768.6	744.6	719.1	705.6	692.0	689.0	686.0
57.5°	956.2	927.7	899.2	809.1	719.1	696.5	672.5	663.5	651.5	651.5	650.0
60°	800.1	842.2	884.2	780.6	675.5	650.0	624.5	617.0	612.5	611.0	609.5
62.5°	719.1	788.1	855.7	746.1	635.0	608.0	581.0	571.9	570.4	571.9	571.9
65°	650.0	671.0	692.0	641.0	590.0	562.9	534.4	525.4	528.4	532.9	537.4
67.5°	587.0	582.5	578.0	559.9	540.4	517.9	493.9	484.9	486.4	492.4	498.4
70°	526.9	520.9	513.4	499.9	486.4	466.9	447.4	441.3	439.8	447.4	453.4
72.5°	466.9	459.4	450.4	439.8	427.8	411.3	394.8	390.3	391.8	396.3	400.8
75°	400.8	394.8	387.3	378.3	367.8	352.8	337.8	334.8	337.8	342.3	346.8
77.5°	328.8	327.3	324.3	316.7	309.2	292.7	274.7	273.2	277.7	282.2	285.2
80°	256.7	258.2	259.7	253.7	247.7	229.7	210.2	208.7	213.2	217.7	222.2
82.5°	189.1	193.7	196.7	189.1	181.6	160.6	139.6	136.6	151.6	156.1	160.6
85°	109.6	115.6	121.6	115.6	109.6	88.6	67.6	66.1	79.6	87.1	94.6
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: P320563
 CATALOG NUMBER: GAN-SA9B-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: P320563

CATALOG NUMBER: GAN-SA9B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0
2.5°	9777.2	9718.6	9700.6	9682.6	9616.5	9549.0	9618.0	9685.6	9714.1	9742.6	9669.1
5°	7950.2	7939.7	7939.7	7938.2	7878.2	7816.6	7863.2	7908.2	7807.6	7707.0	7696.5
7.5°	5958.2	6022.7	6075.3	6126.3	6106.8	6087.3	6130.8	6174.3	6046.7	5917.6	5854.6
10°	4412.0	4425.5	4482.5	4539.6	4553.1	4565.1	4619.1	4671.7	4572.6	4473.5	4430.0
12.5°	3442.2	3370.1	3377.6	3383.6	3410.7	3436.2	3493.2	3548.8	3508.2	3466.2	3470.7
15°	2787.7	2696.1	2658.6	2619.6	2649.6	2679.6	2720.1	2759.2	2760.7	2760.7	2799.7
17.5°	2275.8	2229.2	2191.7	2152.7	2193.2	2232.2	2236.8	2241.3	2242.8	2244.3	2241.3
20°	1864.5	1887.0	1875.0	1863.0	1878.0	1891.5	1903.5	1914.0	1900.5	1885.5	1847.9
22.5°	1634.8	1654.3	1669.3	1682.8	1708.3	1732.4	1720.3	1706.8	1679.8	1651.3	1622.8
25°	1501.2	1514.7	1529.7	1544.7	1565.7	1585.2	1564.2	1543.2	1523.7	1504.2	1484.7
27.5°	1388.6	1402.1	1415.6	1427.6	1447.1	1465.1	1445.6	1426.1	1409.6	1393.1	1378.1
30°	1297.0	1306.0	1316.5	1327.0	1345.1	1361.6	1345.1	1327.0	1315.0	1301.5	1291.0
32.5°	1219.0	1228.0	1232.5	1237.0	1253.5	1270.0	1258.0	1246.0	1235.5	1225.0	1217.5
35°	1133.4	1151.4	1154.4	1157.4	1173.9	1190.4	1182.9	1173.9	1161.9	1149.9	1136.4
37.5°	1046.3	1067.3	1079.3	1089.9	1106.4	1122.9	1115.4	1107.9	1091.4	1074.8	1050.8
40°	972.8	981.8	1004.3	1025.3	1052.3	1077.8	1062.8	1046.3	1020.8	995.3	983.3
42.5°	911.2	909.7	930.7	951.7	992.3	1031.3	1004.3	977.3	953.2	929.2	926.2
45°	857.2	852.7	863.2	873.7	917.2	959.3	932.2	903.7	890.2	876.7	876.7
47.5°	809.1	806.1	813.6	819.6	846.7	872.2	858.7	845.2	837.7	830.1	831.7
50°	765.6	762.6	770.1	776.1	786.6	795.6	798.6	800.1	795.6	791.1	794.1
52.5°	725.1	725.1	728.1	729.6	743.1	756.6	756.6	755.1	755.1	755.1	758.1
55°	690.5	693.5	693.5	693.5	714.6	734.1	728.1	722.1	723.6	723.6	726.6
57.5°	656.0	660.5	663.5	666.5	687.5	708.6	702.5	696.5	696.5	696.5	698.0
60°	617.0	623.0	629.0	635.0	656.0	677.0	671.0	663.5	665.0	666.5	668.0
62.5°	579.5	585.5	591.5	597.5	618.5	639.5	633.5	626.0	630.5	633.5	633.5
65°	543.4	547.9	553.9	559.9	579.5	599.0	593.0	587.0	593.0	597.5	600.5
67.5°	502.9	505.9	511.9	517.9	537.4	556.9	550.9	543.4	550.9	556.9	562.9
70°	456.4	459.4	466.9	472.9	492.4	511.9	504.4	496.9	504.4	511.9	517.9
72.5°	405.3	408.3	415.8	421.8	444.3	466.9	457.9	448.9	457.9	466.9	469.9
75°	349.8	352.8	361.8	369.3	391.8	414.3	406.8	397.8	405.3	412.8	414.3
77.5°	289.7	294.2	306.2	318.2	336.3	354.3	349.8	345.3	349.8	354.3	354.3
80°	226.7	231.2	246.2	259.7	270.2	280.7	282.2	283.7	285.2	286.7	285.2
82.5°	168.1	174.1	187.6	201.2	201.2	201.2	213.2	223.7	223.7	222.2	220.7
85°	103.6	111.1	123.1	135.1	127.6	120.1	139.6	157.6	157.6	156.1	153.1
87.5°	21.0	28.5	40.5	51.0	43.5	36.0	55.5	75.1	76.6	76.6	73.6
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



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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: P320563

CATALOG NUMBER: GAN-SA9B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0
2.5°	9594.0	9711.1	9826.7	9856.7	9901.8	9921.3	9939.3	10086.4	10232.0	10403.1	10574.3
5°	7684.5	7771.6	7858.7	7872.2	7918.7	7942.7	7966.7	8145.4	8322.5	8561.2	8799.9
7.5°	5791.5	5812.5	5833.6	5830.6	5869.6	5922.1	5973.2	6163.8	6353.0	6609.7	6864.9
10°	4386.4	4434.5	4481.0	4524.5	4610.1	4709.2	4806.8	5001.9	5197.1	5450.8	5703.0
12.5°	3475.2	3530.8	3584.8	3632.8	3731.9	3864.0	3994.6	4228.8	4463.0	4766.2	5068.0
15°	2837.2	2832.7	2828.2	2861.2	2948.3	3092.4	3235.0	3482.7	3730.4	4063.7	4395.4
17.5°	2238.3	2215.7	2193.2	2218.7	2299.8	2418.4	2535.5	2745.6	2954.3	3277.1	3599.8
20°	1810.4	1795.4	1780.4	1804.4	1855.5	1905.0	1954.5	2106.1	2256.3	2519.0	2780.2
22.5°	1592.7	1591.2	1588.2	1601.8	1625.8	1651.3	1675.3	1748.9	1820.9	1990.6	2158.7
25°	1465.1	1463.6	1462.1	1468.1	1487.7	1507.2	1526.7	1574.7	1622.8	1703.8	1784.9
27.5°	1363.1	1360.1	1357.1	1358.6	1363.1	1393.1	1421.6	1444.1	1465.1	1520.7	1574.7
30°	1280.5	1279.0	1277.5	1277.5	1273.0	1283.5	1294.0	1328.5	1361.6	1418.6	1475.7
32.5°	1209.9	1202.4	1194.9	1178.4	1167.9	1182.9	1197.9	1234.0	1270.0	1322.5	1375.1
35°	1121.4	1101.9	1080.8	1071.8	1073.3	1088.4	1103.4	1139.4	1173.9	1231.0	1286.5
37.5°	1025.3	1019.3	1011.8	1010.3	1014.8	1029.8	1044.8	1076.3	1106.4	1163.4	1219.0
40°	971.3	968.3	965.3	962.3	965.3	980.3	995.3	1025.3	1053.8	1109.4	1163.4
42.5°	923.2	921.7	920.2	920.2	921.7	938.2	954.7	984.8	1013.3	1062.8	1112.4
45°	876.7	878.2	878.2	881.2	885.7	902.2	917.2	950.2	983.3	1031.3	1079.3
47.5°	833.2	837.7	840.7	848.2	852.7	870.7	887.2	923.2	959.3	1019.3	1077.8
50°	795.6	800.1	803.1	809.1	821.1	842.2	863.2	906.7	948.7	1049.3	1148.4
52.5°	761.1	765.6	770.1	776.1	791.1	815.1	839.2	893.2	945.7	1062.8	1179.9
55°	729.6	734.1	737.1	746.1	761.1	782.1	801.6	867.7	933.7	1019.3	1104.9
57.5°	699.5	704.1	707.1	713.1	720.6	743.1	764.1	834.7	905.2	965.3	1023.8
60°	668.0	671.0	672.5	672.5	678.5	704.1	729.6	819.6	908.2	897.7	885.7
62.5°	633.5	636.5	638.0	633.5	641.0	668.0	695.0	812.1	929.2	857.2	785.1
65°	602.0	600.5	599.0	594.5	603.5	630.5	656.0	714.6	773.1	744.6	716.1
67.5°	567.4	562.9	558.4	552.4	561.4	585.5	608.0	627.5	647.0	650.0	653.0
70°	523.9	517.9	511.9	510.4	514.9	534.4	553.9	567.4	579.5	585.5	590.0
72.5°	472.9	468.4	463.9	460.9	462.4	478.9	493.9	505.9	517.9	522.4	525.4
75°	415.8	415.8	414.3	405.3	405.3	418.8	430.8	441.3	451.9	457.9	463.9
77.5°	354.3	355.8	355.8	343.8	342.3	355.8	367.8	376.8	384.3	390.3	394.8
80°	283.7	280.7	277.7	270.2	267.2	283.7	298.7	306.2	312.2	313.7	313.7
82.5°	217.7	211.7	204.2	187.6	189.1	207.2	223.7	229.7	235.7	235.7	235.7
85°	148.6	136.6	123.1	109.6	111.1	130.6	148.6	154.6	160.6	163.6	165.1
87.5°	70.6	58.5	45.0	34.5	34.5	51.0	66.1	69.1	72.1	78.1	84.1
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: P320563
 CATALOG NUMBER: GAN-SA9B-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: P320563

CATALOG NUMBER: GAN-SA9B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0
2.5°	10704.9	10834.0	10967.6	11101.2	11254.3	11407.4	11586.1	11763.2	11914.8	12066.4	12192.5
5°	9005.5	9211.2	9452.9	9694.6	10002.3	10310.1	10686.9	11062.2	11396.9	11731.7	12120.5
7.5°	7133.6	7400.8	7716.0	8031.3	8429.1	8826.9	9314.8	9802.7	10275.5	10746.9	11344.4
10°	5983.7	6264.4	6575.1	6884.4	7289.7	7693.5	8209.9	8724.8	9256.2	9786.2	10461.7
12.5°	5380.2	5691.0	5964.2	6237.4	6566.1	6893.4	7393.3	7893.2	8517.7	9140.7	9790.7
15°	4736.2	5075.5	5402.7	5730.0	6088.8	6446.0	6932.4	7418.8	8101.8	8784.9	9532.5
17.5°	3957.1	4314.4	4713.7	5111.5	5579.9	6046.7	6669.7	7292.7	8101.8	8909.5	9790.7
20°	3145.0	3509.7	3987.1	4464.5	5047.0	5627.9	6435.5	7243.2	8333.0	9421.4	10545.8
22.5°	2481.4	2802.7	3323.6	3843.0	4515.5	5188.1	6223.9	7258.2	8682.8	10105.9	11623.6
25°	2011.6	2238.3	2750.2	3260.6	4036.7	4812.8	6094.8	7375.3	9191.7	11006.6	12889.1
27.5°	1723.3	1872.0	2349.3	2825.2	3673.4	4520.0	6042.2	7562.9	9837.2	12111.5	14265.7
30°	1579.2	1682.8	2086.6	2488.9	3350.6	4212.3	5979.2	7746.1	10458.7	13169.8	15342.0
32.5°	1459.1	1541.7	1887.0	2230.7	3071.4	3912.1	5857.6	7801.6	10892.5	13983.4	16253.2
35°	1357.1	1426.1	1726.4	2026.6	2852.2	3677.9	5653.4	7629.0	11164.2	14699.5	17202.0
37.5°	1274.5	1328.5	1606.3	1884.0	2663.1	3442.2	5420.7	7399.3	11405.9	15412.6	18269.3
40°	1209.9	1256.5	1516.2	1775.9	2482.9	3190.0	5221.1	7250.7	11739.2	16227.7	19396.7
42.5°	1173.9	1234.0	1438.1	1640.8	2311.8	2982.8	5060.5	7138.1	12048.4	16957.3	20383.0
45°	1164.9	1250.5	1397.6	1544.7	2184.2	2823.7	4917.8	7010.5	12248.1	17485.7	21126.0
47.5°	1149.9	1220.5	1366.1	1511.7	2121.2	2729.1	4841.3	6951.9	12447.7	17942.0	21743.0
50°	1158.9	1167.9	1340.5	1511.7	2112.2	2712.6	4928.4	7144.1	12880.1	18614.6	22448.6
52.5°	1142.4	1103.4	1292.5	1481.7	2110.7	2739.6	5179.1	7618.5	13683.2	19746.5	23212.7
55°	1055.3	1004.3	1202.4	1400.6	2079.1	2756.2	5477.8	8197.9	14761.1	21322.7	24586.2
57.5°	978.8	932.2	1100.4	1267.0	1983.1	2699.1	5785.5	8870.4	15900.4	22928.9	26134.0
60°	876.7	866.2	986.3	1106.4	1834.4	2561.0	6039.2	9515.9	16666.0	23814.6	26729.9
62.5°	792.6	798.6	887.2	975.8	1648.3	2319.3	6123.3	9925.8	16645.0	23364.3	26129.5
65°	728.1	738.6	825.6	912.7	1489.2	2065.6	5847.1	9627.0	15802.9	21977.2	24942.0
67.5°	665.0	677.0	780.6	882.7	1348.1	1811.9	5156.5	8499.7	14288.2	20075.2	23431.8
70°	605.0	620.0	732.6	845.2	1246.0	1645.3	4266.3	6887.4	12392.2	17895.5	21683.0
72.5°	540.4	555.4	675.5	795.6	1181.4	1565.7	3478.2	5389.2	10056.4	14722.0	18547.0
75°	474.4	484.9	615.5	744.6	1092.9	1441.1	2729.1	4015.6	7696.5	11377.4	14009.0
77.5°	408.3	421.8	531.4	639.5	927.7	1214.5	2056.6	2898.8	5647.4	8394.6	9742.6
80°	325.8	337.8	415.8	492.4	716.1	938.2	1414.1	1890.0	3886.5	5883.1	6642.7
82.5°	249.2	262.7	315.2	366.3	510.4	654.5	857.2	1059.8	2582.0	4102.7	4165.8
85°	171.1	175.6	213.2	249.2	315.2	381.3	490.9	600.5	1708.3	2816.2	2346.3
87.5°	85.6	85.6	111.1	136.6	169.6	202.7	259.7	315.2	546.4	777.6	447.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320563
 CATALOG NUMBER: GAN-SA9B-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: P320563

CATALOG NUMBER: GAN-SA9B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0
2.5°	12353.2	12462.8	12573.8	12657.9	12743.5	12866.6	12989.7	13012.2	13036.2	12988.2	12940.1
5°	12512.3	12844.1	13177.3	13485.1	13792.8	13977.4	14162.1	14199.6	14237.1	14121.6	14004.5
7.5°	11922.3	12500.3	13078.2	13608.2	14138.1	14459.3	14782.1	14854.1	14927.7	14738.5	14549.4
10°	11134.2	11844.3	12554.3	13252.4	13950.4	14417.3	14884.2	14977.2	15070.3	14834.6	14598.9
12.5°	10524.7	11282.8	12040.9	12776.5	13513.6	13997.0	14480.3	14595.9	14711.5	14540.4	14367.7
15°	10337.1	11050.1	11763.2	12404.2	13046.7	13441.5	13837.8	13884.4	13932.4	13905.4	13878.4
17.5°	10677.9	11321.9	11967.4	12315.6	12665.4	12823.0	12982.2	13033.2	13085.7	13153.3	13222.3
20°	11503.5	11956.9	12411.7	12396.7	12380.2	12303.6	12225.6	12212.1	12198.5	12392.2	12587.4
22.5°	12736.0	12916.1	13097.8	12675.9	12254.1	11997.4	11739.2	11688.1	11635.6	11841.3	12048.4
25°	14073.5	14040.5	14006.0	13202.8	12398.2	11908.8	11419.4	11362.4	11305.3	11481.0	11658.1
27.5°	15397.6	15181.4	14965.2	13873.9	12782.5	12072.4	11362.4	11305.3	11248.3	11404.4	11560.5
30°	16368.8	16022.0	15675.3	14439.8	13204.3	12360.7	11517.0	11423.9	11329.4	11521.5	11713.7
32.5°	17126.9	16661.5	16196.2	14899.2	13602.1	12689.4	11776.7	11631.1	11485.5	11742.2	11998.9
35°	17883.5	17229.0	16573.0	15309.0	14043.5	13078.2	12111.5	11932.8	11754.2	12107.0	12459.8
37.5°	18835.2	17895.5	16954.3	15769.8	14585.4	13660.7	12734.5	12551.3	12368.2	12817.0	13267.4
40°	19868.1	18614.6	17361.1	16274.2	15187.4	14466.8	13744.8	13570.6	13395.0	13941.4	14487.8
42.5°	20726.7	19284.1	17841.5	16882.2	15921.5	15414.1	14905.2	14903.7	14900.7	15454.6	16008.5
45°	21424.8	19842.5	18258.8	17475.2	16690.1	16425.9	16161.7	16373.3	16585.0	17084.9	17586.3
47.5°	21945.7	20310.9	18674.6	18153.7	17632.8	17671.8	17710.9	18141.7	18572.5	18893.8	19216.5
50°	22284.9	20735.7	19185.0	19024.4	18863.8	19213.5	19564.8	20058.7	20554.1	20773.3	20992.4
52.5°	22778.8	21312.2	19844.0	20024.2	20204.3	20918.9	21633.4	22133.3	22633.2	22714.3	22796.8
55°	23921.2	22372.0	20821.3	21166.6	21513.3	22561.2	23610.5	24000.8	24391.1	24421.1	24451.1
57.5°	25544.0	23856.7	22169.4	22541.6	22913.9	24123.9	25335.3	25755.7	26177.5	26118.9	26058.9
60°	26758.4	25266.3	23772.6	24147.9	24523.2	25703.1	26883.0	27366.4	27851.3	27722.2	27593.1
62.5°	26833.5	26036.4	25237.8	25577.0	25917.8	27073.7	28229.6	28726.5	29223.4	28998.2	28773.0
65°	25640.1	25997.3	26354.6	26467.2	26579.8	27657.6	28737.0	29116.8	29498.1	29384.0	29269.9
67.5°	23996.3	25312.8	26630.8	26404.2	26177.5	26683.4	27189.3	27581.1	27972.9	27908.3	27842.3
70°	22355.5	24113.4	25871.3	24757.4	23642.0	23433.3	23224.7	23646.5	24069.8	23808.6	23545.9
72.5°	19561.8	21435.3	23310.2	21258.1	19206.0	18493.0	17779.9	18315.8	18851.8	18435.9	18018.6
75°	15355.5	17425.6	19497.3	17048.8	14600.4	13648.7	12696.9	13157.8	13618.7	13333.4	13046.7
77.5°	11431.4	13471.5	15511.6	13022.7	10532.2	9825.2	9116.6	9253.2	9391.4	9343.3	9293.8
80°	7753.6	9175.2	10598.3	8941.0	7283.7	7337.7	7393.3	7328.7	7262.7	7358.8	7454.8
82.5°	4947.9	6045.2	7144.1	6264.4	5384.7	5889.1	6393.5	6145.8	5896.6	5988.2	6081.3
85°	2823.7	3897.1	4971.9	4634.1	4294.9	4589.1	4884.8	4500.5	4116.2	4284.4	4454.0
87.5°	744.6	2155.7	3568.3	3239.5	2910.8	2529.5	2148.2	1639.3	1130.4	1651.3	2172.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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: P320563

CATALOG NUMBER: GAN-SA9B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0	11439.0
2.5°	12914.6	12889.1	12797.5	12704.4	12566.3	12452.2	12254.1
5°	13842.3	13680.2	13401.0	13120.3	12808.0	12449.2	12051.4
7.5°	14171.1	13791.3	13255.4	12718.0	12234.6	11667.1	11138.7
10°	14031.5	13462.5	12766.0	12067.9	11481.0	10828.0	10241.0
12.5°	13764.3	13159.3	12392.2	11623.6	10955.6	10254.5	9597.0
15°	13396.5	12913.1	12194.0	11475.0	10802.5	10120.9	9341.8
17.5°	12994.2	12764.5	12245.1	11724.2	11141.7	10481.2	9567.0
20°	12669.9	12754.0	12546.8	12339.7	11872.8	11296.3	10269.5
22.5°	12450.7	12854.6	13013.7	13174.3	12893.6	12443.2	11255.8
25°	12327.6	12997.2	13530.1	14064.5	13939.9	13593.1	12453.7
27.5°	12381.7	13202.8	14030.0	14858.6	14974.2	14878.1	13716.2
30°	12543.8	13375.5	14382.8	15391.5	15852.4	15981.5	14768.6
32.5°	12814.0	13629.2	14726.5	15825.4	16521.9	16933.3	15730.8
35°	13222.3	13984.9	15128.8	16272.7	17173.4	17924.0	16724.6
37.5°	13923.4	14579.4	15634.7	16691.6	17859.5	18986.9	17818.9
40°	14950.2	15414.1	16305.8	17199.0	18668.6	20190.8	19039.4
42.5°	16245.7	16484.4	17191.5	17898.5	19513.8	21283.7	20232.8
45°	17649.3	17712.4	18156.7	18602.6	20183.3	22028.2	21129.0
47.5°	19000.4	18784.2	18961.3	19138.5	20696.7	22559.7	21809.1
50°	20390.5	19788.5	19695.4	19602.3	21210.1	23185.6	22673.7
52.5°	21804.6	20812.3	20444.5	20075.2	21822.6	24015.8	23750.1
55°	23188.7	21926.2	21430.8	20935.4	22759.3	25029.1	25330.8
57.5°	24628.3	23197.7	22738.3	22278.9	24135.9	26312.6	26749.4
60°	26177.5	24760.4	24392.6	24023.3	25847.2	27699.7	27381.4
62.5°	27647.1	26521.3	26327.6	26132.5	27578.1	28765.5	27135.2
65°	28628.9	27986.4	28166.5	28348.2	28887.1	29031.2	26414.7
67.5°	27972.9	28103.5	28864.6	29627.2	29256.4	28241.6	24994.6
70°	24328.0	25111.7	26914.6	28719.0	27896.3	26126.5	22445.6
72.5°	18898.3	19779.5	22456.1	25134.2	24376.1	22208.4	18435.9
75°	14040.5	15035.8	17990.1	20944.4	19892.1	16612.0	13199.8
77.5°	9960.3	10626.8	13543.6	16461.9	14746.0	11057.7	8882.5
80°	7250.7	7046.5	8672.3	10298.1	10012.8	7313.7	5704.5
82.5°	5582.9	5084.5	5850.1	6615.7	6573.6	5075.5	4185.3
85°	4254.3	4054.7	4731.7	5408.7	4829.3	3437.7	2660.1
87.5°	2479.9	2789.2	3586.3	4384.9	3290.6	1043.3	516.4
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: P320563
 CATALOG NUMBER: GAN-SA9B-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)