

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: P320573

Luminaire Tested: **GAN-SA9C-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320573
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-SA9C-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 2700K, 1050mA 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: 46471 lumens
Efficiency: N/A
Efficacy: 92.8 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): 501
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

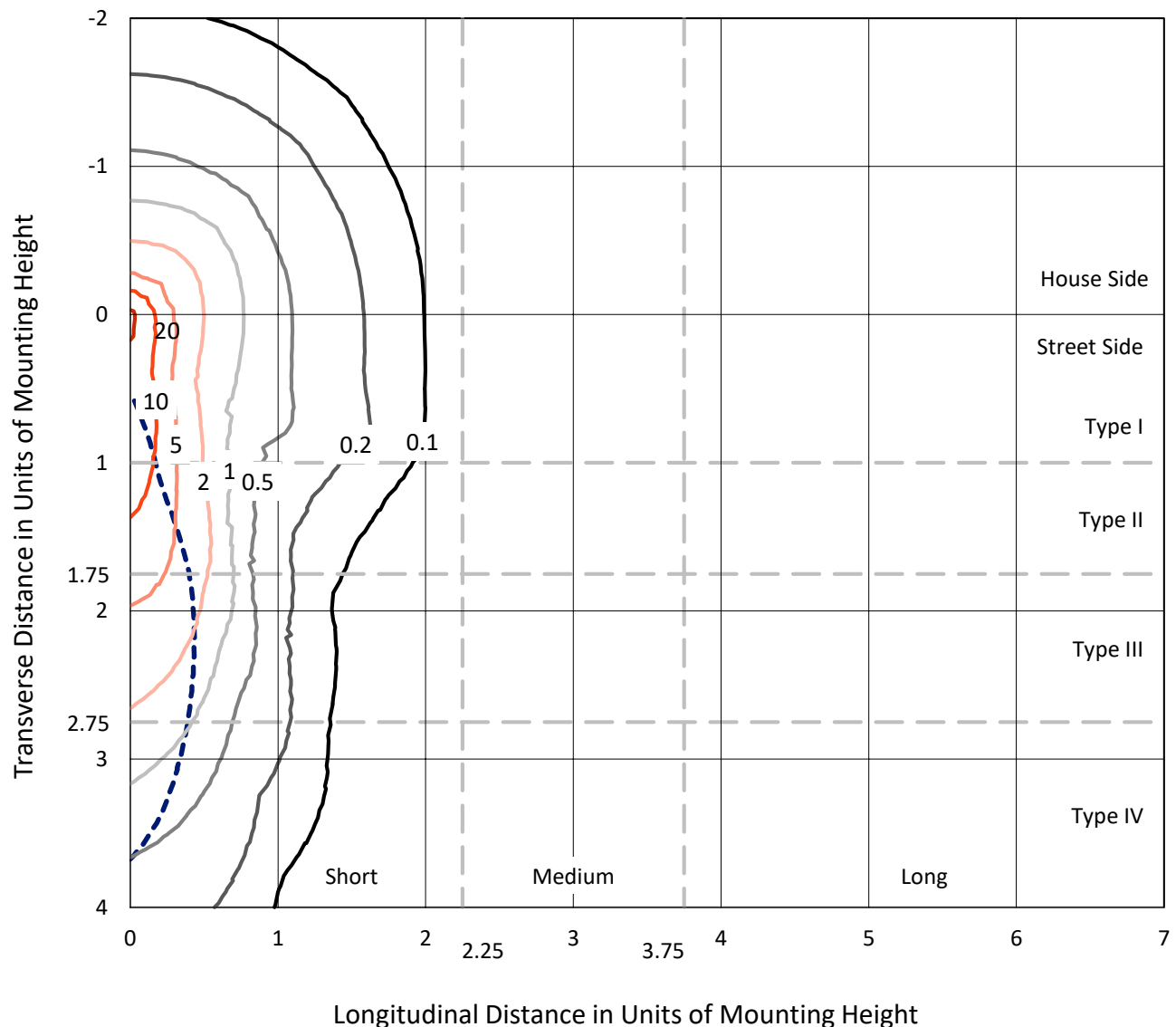


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Iso-Footcandle Lines of Horizontal Illumination

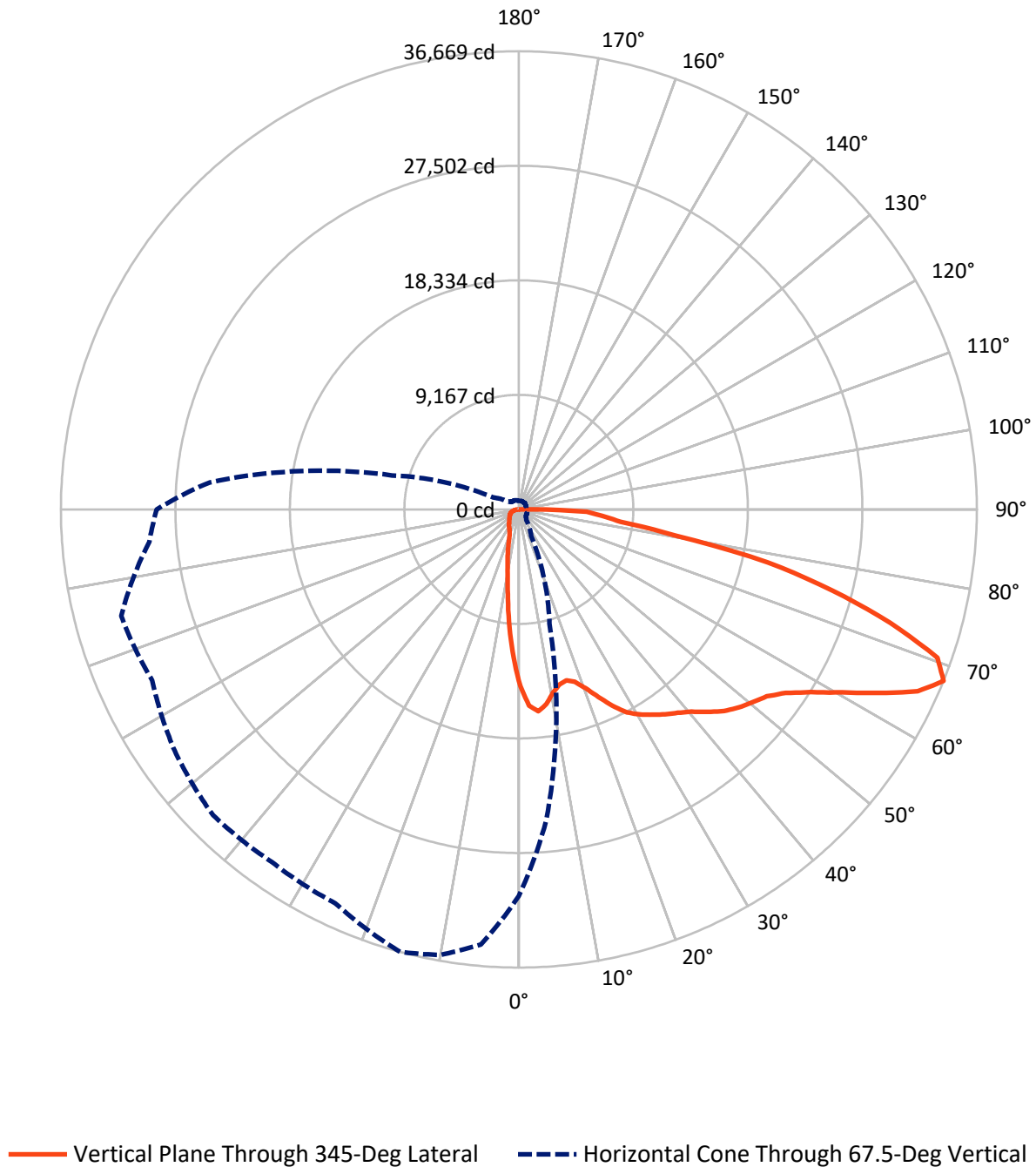
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.7 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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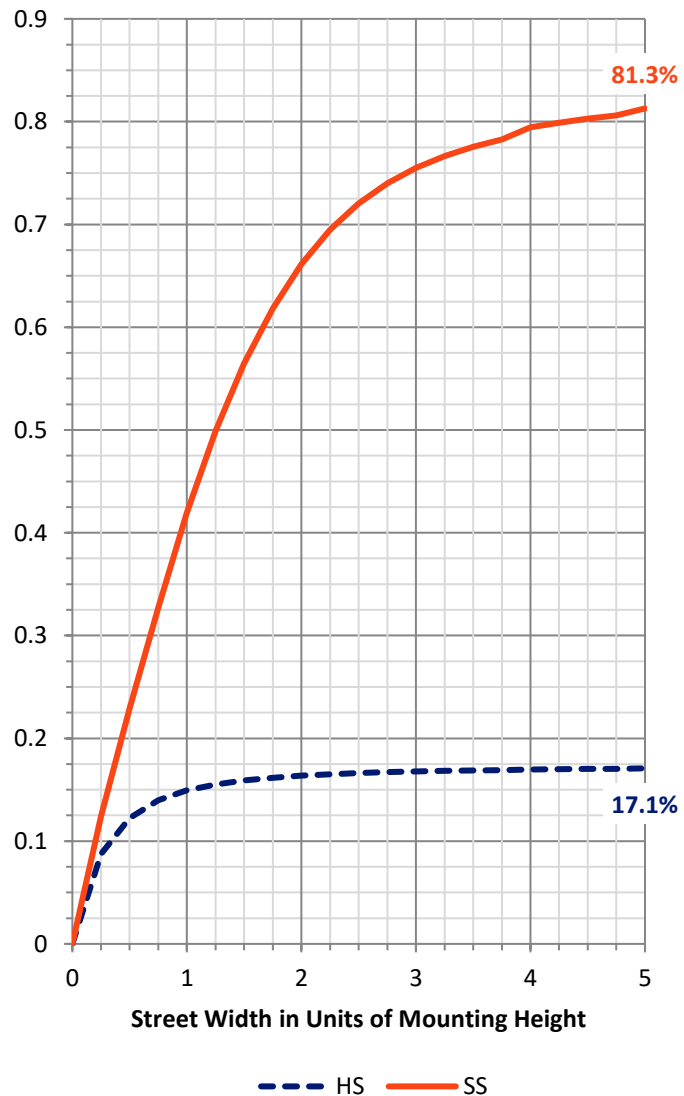
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8033.8	0.0	8033.8
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	38437.2	0.0	38437.2
	% Fixture	82.7	0.0	82.7
Total	Lumens	46471.0	0.0	46471.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1092.6	2.4
10°-20°	2269.9	4.9
20°-30°	3228.3	6.9
30°-40°	4651.9	10.0
40°-50°	6555.9	14.1
50°-60°	9113.8	19.6
60°-70°	11021.3	23.7
70°-80°	6774.6	14.6
80°-90°	1762.8	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°	46471.0	100.0
0°-180°	46471.0	100.0

Coefficient of Utilization



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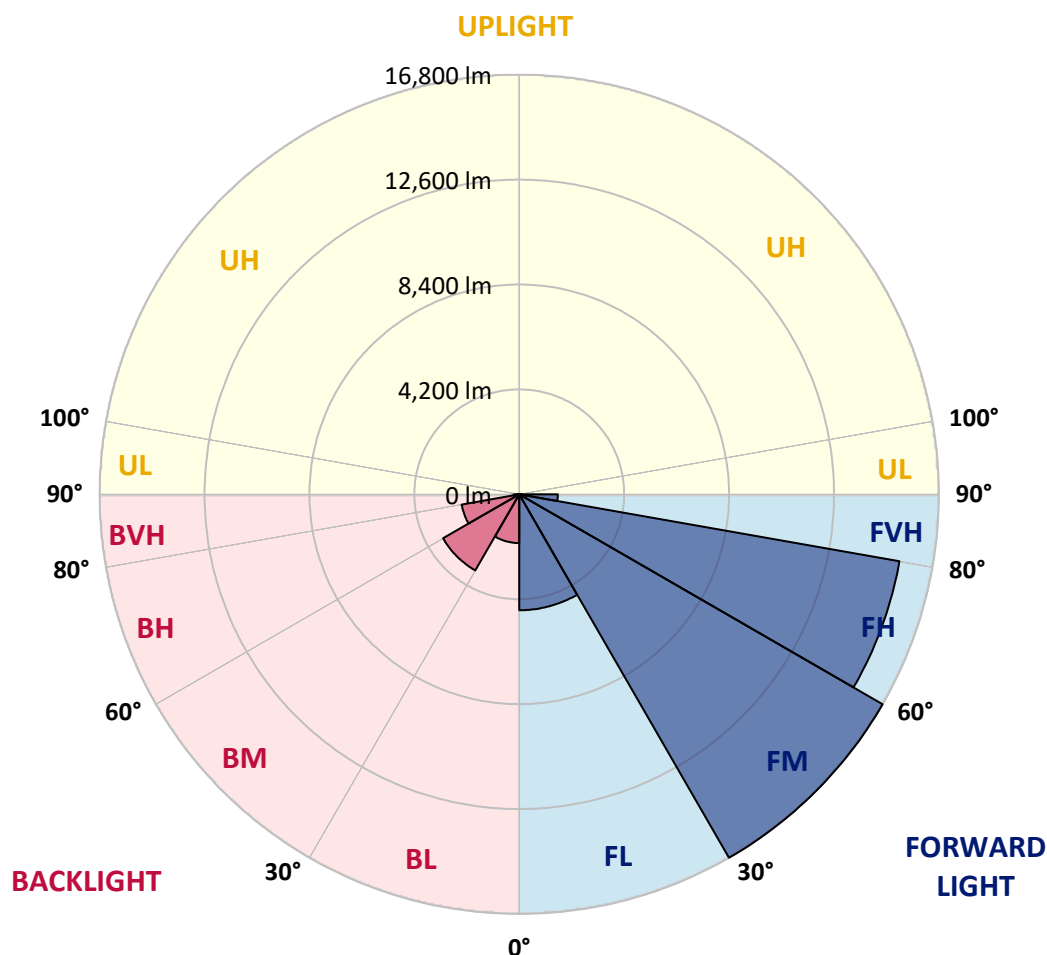
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4640.2	10.0			
FM	(30°-60°)	16800.4	36.2			
FH	(60°-80°)	15454.7	33.3			G5
FVH	(80°-90°)	1541.8	3.3			G5
BL	(0°-30°)	1950.5	4.2	B3/2500		
BM	(30°-60°)	3521.1	7.6	B3/5000		
BH	(60°-80°)	2341.2	5.0	B3/2500		G3/2500
BVH	(80°-90°)	221.0	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°	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7
2.5°	15166.6	15032.8	14830.3	14627.8	14477.3	14324.9	14152.1	13979.3	13782.4	13583.6	13466.5
5°	14915.8	14544.2	14061.1	13578.0	13258.5	12938.9	12576.6	12214.3	11855.7	11497.1	11303.9
7.5°	13786.1	13228.7	12600.7	11972.7	11508.3	11041.9	10540.2	10036.7	9590.8	9143.1	8866.2
10°	12675.1	12006.2	11285.3	10562.5	9968.0	9373.4	8869.9	8364.6	8028.3	7692.0	7437.4
12.5°	11878.0	11136.7	10343.3	9548.1	8953.5	8359.0	8039.4	7719.9	7441.2	7162.5	6868.9
15°	11562.1	10724.2	9912.3	9098.5	8557.8	8017.1	7662.3	7305.5	6932.1	6556.8	6196.3
17.5°	11840.8	10859.8	9977.3	9094.8	8386.9	7679.0	7182.9	6685.0	6192.6	5700.2	5282.2
20°	12710.4	11458.1	10304.3	9148.6	8206.6	7264.7	6599.5	5932.5	5300.8	4669.1	4195.3
22.5°	13931.0	12273.7	10766.9	9260.1	8043.1	6824.3	5990.1	5154.0	4407.1	3660.2	3195.7
25°	15413.7	13355.1	11433.9	9510.9	7976.3	6439.7	5414.1	4388.5	3600.7	2811.1	2480.4
27.5°	16976.2	14644.5	12262.6	9878.8	7987.4	6096.0	4929.2	3760.5	3050.8	2341.0	2114.4
30°	18278.7	16117.9	13228.7	10337.7	8030.1	5722.5	4472.1	3221.7	2636.5	2051.2	1904.4
32.5°	19469.6	17145.3	13957.1	10766.9	8078.4	5388.1	4119.1	2848.3	2370.8	1891.4	1770.6
35°	20699.6	18057.6	14466.1	10872.8	7994.8	5115.0	3877.6	2640.2	2199.8	1757.6	1655.4
37.5°	22054.1	19044.2	14956.6	10867.3	7853.6	4840.0	3689.9	2538.0	2088.4	1636.9	1562.6
40°	23564.6	20134.8	15488.0	10841.2	7725.4	4607.8	3550.6	2491.5	2027.0	1560.7	1497.5
42.5°	25041.7	21175.3	15982.2	10789.2	7621.4	4451.7	3413.1	2374.5	1971.3	1566.3	1477.1
45°	26150.9	22083.8	16411.4	10737.2	7543.3	4349.5	3305.3	2261.1	1919.3	1577.4	1464.1
47.5°	26992.6	22996.1	16887.1	10776.2	7535.9	4295.6	3229.1	2162.7	1820.8	1477.1	1430.6
50°	28062.7	24092.3	17580.1	11067.9	7638.1	4208.3	3140.0	2069.8	1726.1	1382.3	1445.5
52.5°	29394.9	25656.7	18654.0	11649.5	7851.8	4054.1	2998.8	1943.4	1610.9	1276.4	1374.9
55°	31351.3	27661.4	20027.0	12390.8	8110.0	3827.4	2785.1	1740.9	1458.5	1174.2	1261.6
57.5°	33107.1	29686.6	21344.3	13000.2	8271.7	3541.3	2515.7	1490.1	1287.6	1085.1	1135.2
60°	33889.3	30730.8	21961.2	13189.7	8175.1	3160.4	2212.8	1263.4	1137.1	1010.7	1001.4
62.5°	33584.6	30067.5	21353.6	12639.8	7703.1	2766.5	1945.3	1124.1	1029.3	932.7	912.3
65°	32692.8	27982.8	19651.7	11320.6	6906.1	2491.5	1776.2	1060.9	955.0	849.1	826.8
67.5°	30935.2	25015.7	17240.1	9464.5	5893.5	2322.5	1679.6	1036.7	908.5	778.5	752.5
70°	27780.3	21444.7	14462.4	7478.3	4849.3	2218.4	1616.4	1014.5	858.4	700.5	676.3
72.5°	22817.7	17193.6	11549.1	5902.8	4054.1	2205.4	1609.0	1012.6	817.5	622.4	600.1
75°	16337.1	13059.7	8816.1	4570.6	3320.2	2069.8	1527.2	984.7	761.8	537.0	516.5
77.5°	10993.6	9039.0	6127.6	3214.3	2463.7	1713.0	1283.9	854.7	652.1	449.6	429.2
80°	7060.3	6255.8	4106.1	1956.4	1597.9	1239.3	917.8	596.4	475.6	353.0	336.3
82.5°	5180.0	4656.1	2853.8	1051.6	888.1	722.7	561.1	399.5	325.1	250.8	243.4
85°	3292.3	3630.5	2101.4	572.3	468.2	364.2	301.0	237.8	187.7	137.5	137.5
87.5°	639.1	884.4	581.5	276.8	202.5	128.2	109.6	89.2	50.2	9.3	11.1
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



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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°	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7
2.5°	13347.6	13219.4	13091.2	12946.3	12799.5	12663.9	12526.4	12375.9	12403.8	12288.6	12173.4
5°	11110.6	10906.3	10700.0	10521.7	10343.3	10189.1	10033.0	9893.7	10014.4	9932.7	9850.9
7.5°	8587.5	8334.8	8080.3	7866.6	7653.0	7487.6	7320.4	7205.2	7324.1	7309.2	7294.4
10°	7182.9	6937.7	6690.5	6454.6	6218.6	6018.0	5815.4	5644.5	5614.8	5529.3	5442.0
12.5°	6573.5	6237.2	5899.0	5651.9	5404.8	5165.1	4925.5	4724.8	4633.8	4492.6	4349.5
15°	5835.9	5438.3	5040.7	4760.1	4477.7	4245.5	4011.4	3838.6	3781.0	3671.3	3561.7
17.5°	4864.2	4429.4	3994.6	3710.4	3424.2	3238.4	3050.8	2935.6	2935.6	2904.0	2872.4
20°	3721.5	3333.2	2944.9	2727.5	2510.1	2411.6	2311.3	2263.0	2277.9	2279.7	2279.7
22.5°	2729.4	2491.5	2253.7	2166.4	2077.2	2041.9	2006.6	1986.2	1993.6	1995.5	1997.3
25°	2149.7	2058.6	1965.7	1921.1	1874.7	1852.4	1830.1	1822.7	1839.4	1841.2	1841.2
27.5°	1887.7	1832.0	1774.4	1746.5	1716.8	1707.5	1698.2	1685.2	1701.9	1701.9	1700.0
30°	1755.8	1696.3	1636.9	1601.6	1566.3	1570.0	1571.8	1568.1	1579.3	1586.7	1592.3
32.5°	1648.0	1590.4	1532.8	1497.5	1460.4	1454.8	1449.2	1445.5	1469.7	1482.7	1495.7
35°	1551.4	1488.2	1425.1	1391.6	1358.2	1345.2	1332.2	1322.9	1345.2	1361.9	1378.6
37.5°	1486.4	1421.3	1354.5	1322.9	1289.4	1272.7	1256.0	1244.8	1254.1	1261.6	1269.0
40°	1434.4	1367.5	1298.7	1261.6	1224.4	1207.7	1191.0	1181.7	1187.2	1189.1	1191.0
42.5°	1386.0	1321.0	1256.0	1215.1	1172.4	1151.9	1131.5	1120.4	1124.1	1127.8	1129.6
45°	1350.7	1285.7	1218.8	1170.5	1120.4	1098.1	1075.8	1062.8	1064.6	1064.6	1064.6
47.5°	1384.2	1289.4	1192.8	1137.1	1079.5	1053.5	1027.5	1014.5	1010.7	1007.0	1003.3
50°	1506.8	1345.2	1181.7	1111.1	1038.6	1010.7	981.0	966.1	956.9	953.1	949.4
52.5°	1471.5	1332.2	1191.0	1099.9	1007.0	973.6	940.1	916.0	906.7	901.1	895.5
55°	1347.0	1259.7	1170.5	1060.9	951.3	921.6	890.0	873.2	856.5	852.8	849.1
57.5°	1183.5	1148.2	1112.9	1001.4	890.0	862.1	832.4	821.2	806.4	806.4	804.5
60°	990.3	1042.3	1094.3	966.1	836.1	804.5	772.9	763.6	758.1	756.2	754.3
62.5°	890.0	975.4	1059.0	923.4	785.9	752.5	719.0	707.9	706.0	707.9	707.9
65°	804.5	830.5	856.5	793.4	730.2	696.7	661.4	650.3	654.0	659.6	665.2
67.5°	726.5	720.9	715.3	693.0	668.9	641.0	611.3	600.1	602.0	609.4	616.8
70°	652.1	644.7	635.4	618.7	602.0	577.8	553.7	546.2	544.4	553.7	561.1
72.5°	577.8	568.5	557.4	544.4	529.5	509.1	488.6	483.1	484.9	490.5	496.1
75°	496.1	488.6	479.4	468.2	455.2	436.6	418.0	414.3	418.0	423.6	429.2
77.5°	406.9	405.0	401.3	392.0	382.7	362.3	340.0	338.2	343.7	349.3	353.0
80°	317.7	319.6	321.4	314.0	306.6	284.3	260.1	258.3	263.8	269.4	275.0
82.5°	234.1	239.7	243.4	234.1	224.8	198.8	172.8	169.1	187.7	193.2	198.8
85°	135.6	143.1	150.5	143.1	135.6	109.6	83.6	81.8	98.5	107.8	117.1
87.5°	11.1	14.9	18.6	16.7	14.9	7.4	0.0	0.0	1.9	9.3	16.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320573
 CATALOG NUMBER: GAN-SA9C-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: P320573

CATALOG NUMBER: GAN-SA9C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7
2.5°	12100.9	12028.5	12006.2	11983.9	11902.1	11818.5	11904.0	11987.6	12022.9	12058.2	11967.2
5°	9839.8	9826.8	9826.8	9824.9	9750.6	9674.4	9732.0	9787.8	9663.3	9538.8	9525.8
7.5°	7374.3	7454.2	7519.2	7582.4	7558.2	7534.1	7587.9	7641.8	7483.9	7324.1	7246.1
10°	5460.6	5477.3	5547.9	5618.5	5635.2	5650.1	5717.0	5782.0	5659.4	5536.7	5482.9
12.5°	4260.3	4171.1	4180.4	4187.9	4221.3	4252.9	4323.5	4392.2	4342.1	4290.0	4295.6
15°	3450.2	3336.9	3290.5	3242.2	3279.3	3316.5	3366.6	3414.9	3416.8	3416.8	3465.1
17.5°	2816.7	2759.1	2712.6	2664.3	2714.5	2762.8	2768.4	2773.9	2775.8	2777.7	2773.9
20°	2307.6	2335.5	2320.6	2305.7	2324.3	2341.0	2355.9	2368.9	2352.2	2333.6	2287.2
22.5°	2023.3	2047.5	2066.1	2082.8	2114.4	2144.1	2129.2	2112.5	2079.1	2043.8	2008.5
25°	1858.0	1874.7	1893.3	1911.8	1937.9	1962.0	1936.0	1910.0	1885.8	1861.7	1837.5
27.5°	1718.6	1735.3	1752.1	1766.9	1791.1	1813.4	1789.2	1765.1	1744.6	1724.2	1705.6
30°	1605.3	1616.4	1629.4	1642.4	1664.7	1685.2	1664.7	1642.4	1627.6	1610.9	1597.9
32.5°	1508.7	1519.8	1525.4	1531.0	1551.4	1571.8	1557.0	1542.1	1529.1	1516.1	1506.8
35°	1402.8	1425.1	1428.8	1432.5	1452.9	1473.4	1464.1	1452.9	1438.1	1423.2	1406.5
37.5°	1295.0	1321.0	1335.9	1348.9	1369.3	1389.8	1380.5	1371.2	1350.7	1330.3	1300.6
40°	1204.0	1215.1	1243.0	1269.0	1302.4	1334.0	1315.4	1295.0	1263.4	1231.8	1217.0
42.5°	1127.8	1125.9	1151.9	1178.0	1228.1	1276.4	1243.0	1209.5	1179.8	1150.1	1146.4
45°	1060.9	1055.3	1068.3	1081.3	1135.2	1187.2	1153.8	1118.5	1101.8	1085.1	1085.1
47.5°	1001.4	997.7	1007.0	1014.5	1047.9	1079.5	1062.8	1046.0	1036.7	1027.5	1029.3
50°	947.6	943.8	953.1	960.6	973.6	984.7	988.4	990.3	984.7	979.1	982.9
52.5°	897.4	897.4	901.1	903.0	919.7	936.4	936.4	934.6	934.6	934.6	938.3
55°	854.7	858.4	858.4	858.4	884.4	908.5	901.1	893.7	895.5	895.5	899.3
57.5°	811.9	817.5	821.2	824.9	850.9	877.0	869.5	862.1	862.1	862.1	864.0
60°	763.6	771.1	778.5	785.9	811.9	837.9	830.5	821.2	823.1	824.9	826.8
62.5°	717.2	724.6	732.0	739.5	765.5	791.5	784.1	774.8	780.3	784.1	784.1
65°	672.6	678.2	685.6	693.0	717.2	741.3	733.9	726.5	733.9	739.5	743.2
67.5°	622.4	626.1	633.6	641.0	665.2	689.3	681.9	672.6	681.9	689.3	696.7
70°	564.8	568.5	577.8	585.3	609.4	633.6	624.3	615.0	624.3	633.6	641.0
72.5°	501.7	505.4	514.7	522.1	550.0	577.8	566.7	555.5	566.7	577.8	581.5
75°	432.9	436.6	447.8	457.1	484.9	512.8	503.5	492.4	501.7	510.9	512.8
77.5°	358.6	364.2	379.0	393.9	416.2	438.5	432.9	427.3	432.9	438.5	438.5
80°	280.6	286.1	304.7	321.4	334.4	347.4	349.3	351.2	353.0	354.9	353.0
82.5°	208.1	215.5	232.2	249.0	249.0	249.0	263.8	276.8	276.8	275.0	273.1
85°	128.2	137.5	152.4	167.2	157.9	148.6	172.8	195.1	195.1	193.2	189.5
87.5°	26.0	35.3	50.2	63.2	53.9	44.6	68.7	92.9	94.8	94.8	91.0
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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 CATALOG NUMBER: GAN-SA9C-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: P320573

CATALOG NUMBER: GAN-SA9C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7
2.5°	11874.3	12019.2	12162.3	12199.4	12255.2	12279.3	12301.6	12483.7	12663.9	12875.7	13087.5
5°	9510.9	9618.7	9726.5	9743.2	9800.8	9830.5	9860.2	10081.3	10300.6	10596.0	10891.4
7.5°	7168.0	7194.1	7220.1	7216.3	7264.7	7329.7	7392.9	7628.8	7862.9	8180.6	8496.5
10°	5429.0	5488.4	5546.0	5599.9	5705.8	5828.4	5949.2	6190.7	6432.3	6746.3	7058.4
12.5°	4301.2	4369.9	4436.8	4496.3	4618.9	4782.4	4944.1	5233.9	5523.7	5899.0	6272.5
15°	3511.6	3506.0	3500.4	3541.3	3649.0	3827.4	4003.9	4310.5	4617.0	5029.5	5440.1
17.5°	2770.2	2742.4	2714.5	2746.1	2846.4	2993.2	3138.1	3398.2	3656.5	4055.9	4455.4
20°	2240.7	2222.1	2203.5	2233.3	2296.4	2357.8	2419.1	2606.7	2792.5	3117.7	3441.0
22.5°	1971.3	1969.4	1965.7	1982.5	2012.2	2043.8	2073.5	2164.5	2253.7	2463.7	2671.8
25°	1813.4	1811.5	1809.7	1817.1	1841.2	1865.4	1889.6	1949.0	2008.5	2108.8	2209.1
27.5°	1687.0	1683.3	1679.6	1681.5	1687.0	1724.2	1759.5	1787.4	1813.4	1882.1	1949.0
30°	1584.8	1583.0	1581.1	1581.1	1575.6	1588.6	1601.6	1644.3	1685.2	1755.8	1826.4
32.5°	1497.5	1488.2	1478.9	1458.5	1445.5	1464.1	1482.7	1527.2	1571.8	1636.9	1701.9
35°	1387.9	1363.7	1337.7	1326.6	1328.4	1347.0	1365.6	1410.2	1452.9	1523.5	1592.3
37.5°	1269.0	1261.6	1252.3	1250.4	1256.0	1274.6	1293.1	1332.2	1369.3	1439.9	1508.7
40°	1202.1	1198.4	1194.7	1191.0	1194.7	1213.3	1231.8	1269.0	1304.3	1373.0	1439.9
42.5°	1142.6	1140.8	1138.9	1138.9	1140.8	1161.2	1181.7	1218.8	1254.1	1315.4	1376.8
45°	1085.1	1086.9	1086.9	1090.6	1096.2	1116.6	1135.2	1176.1	1217.0	1276.4	1335.9
47.5°	1031.2	1036.7	1040.5	1049.8	1055.3	1077.6	1098.1	1142.6	1187.2	1261.6	1334.0
50°	984.7	990.3	994.0	1001.4	1016.3	1042.3	1068.3	1122.2	1174.2	1298.7	1421.3
52.5°	942.0	947.6	953.1	960.6	979.1	1008.9	1038.6	1105.5	1170.5	1315.4	1460.4
55°	903.0	908.5	912.3	923.4	942.0	968.0	992.2	1073.9	1155.7	1261.6	1367.5
57.5°	865.8	871.4	875.1	882.5	891.8	919.7	945.7	1033.0	1120.4	1194.7	1267.1
60°	826.8	830.5	832.4	832.4	839.8	871.4	903.0	1014.5	1124.1	1111.1	1096.2
62.5°	784.1	787.8	789.6	784.1	793.4	826.8	860.2	1005.2	1150.1	1060.9	971.7
65°	745.0	743.2	741.3	735.8	746.9	780.3	811.9	884.4	956.9	921.6	886.3
67.5°	702.3	696.7	691.2	683.7	694.9	724.6	752.5	776.6	800.8	804.5	808.2
70°	648.4	641.0	633.6	631.7	637.3	661.4	685.6	702.3	717.2	724.6	730.2
72.5°	585.3	579.7	574.1	570.4	572.3	592.7	611.3	626.1	641.0	646.6	650.3
75°	514.7	514.7	512.8	501.7	501.7	518.4	533.2	546.2	559.2	566.7	574.1
77.5°	438.5	440.3	440.3	425.5	423.6	440.3	455.2	466.3	475.6	483.1	488.6
80°	351.2	347.4	343.7	334.4	330.7	351.2	369.7	379.0	386.5	388.3	388.3
82.5°	269.4	262.0	252.7	232.2	234.1	256.4	276.8	284.3	291.7	291.7	291.7
85°	183.9	169.1	152.4	135.6	137.5	161.6	183.9	191.4	198.8	202.5	204.4
87.5°	87.3	72.5	55.7	42.7	42.7	63.2	81.8	85.5	89.2	96.6	104.0
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: P320573
 CATALOG NUMBER: GAN-SA9C-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: P320573

CATALOG NUMBER: GAN-SA9C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7
2.5°	13249.2	13409.0	13574.3	13739.7	13929.2	14118.7	14339.8	14559.0	14746.7	14934.3	15090.4
5°	11145.9	11400.5	11699.6	11998.8	12379.6	12760.5	13226.9	13691.4	14105.7	14520.0	15001.2
7.5°	8829.1	9159.8	9550.0	9940.1	10432.5	10924.8	11528.7	12132.5	12717.8	13301.2	14040.7
10°	7405.9	7753.3	8137.9	8520.6	9022.3	9522.1	10161.2	10798.5	11456.2	12112.1	12948.2
12.5°	6659.0	7043.6	7381.7	7719.9	8126.7	8531.8	9150.5	9769.2	10542.1	11313.2	12117.7
15°	5861.9	6281.8	6686.8	7091.9	7535.9	7978.1	8580.1	9182.1	10027.5	10872.8	11798.1
17.5°	4897.6	5339.8	5834.0	6326.4	6906.1	7483.9	8254.9	9026.0	10027.5	11027.0	12117.7
20°	3892.4	4343.9	4934.8	5525.6	6246.5	6965.5	7965.1	8964.7	10313.6	11660.6	13052.2
22.5°	3071.2	3468.8	4113.5	4756.4	5588.8	6421.1	7703.1	8983.3	10746.5	12507.8	14386.2
25°	2489.7	2770.2	3403.8	4035.5	4996.1	5956.6	7543.3	9128.2	11376.3	13622.6	15952.5
27.5°	2132.9	2316.9	2907.7	3496.7	4546.4	5594.3	7478.3	9360.4	12175.3	14990.1	17656.3
30°	1954.6	2082.8	2582.6	3080.5	4147.0	5213.5	7400.3	9587.1	12944.5	16299.9	18988.4
32.5°	1805.9	1908.1	2335.5	2760.9	3801.4	4841.9	7249.8	9655.9	13481.4	17307.0	20116.2
35°	1679.6	1765.1	2136.7	2508.3	3530.1	4552.0	6997.1	9442.2	13817.7	18193.2	21290.4
37.5°	1577.4	1644.3	1988.0	2331.7	3296.0	4260.3	6709.1	9157.9	14116.8	19075.8	22611.5
40°	1497.5	1555.1	1876.5	2198.0	3073.1	3948.2	6462.0	8974.0	14529.3	20084.6	24006.8
42.5°	1452.9	1527.2	1779.9	2030.8	2861.3	3691.8	6263.2	8834.6	14912.0	20987.6	25227.5
45°	1441.8	1547.7	1729.8	1911.8	2703.3	3494.8	6086.7	8676.7	15159.2	21641.6	26147.2
47.5°	1423.2	1510.5	1690.8	1871.0	2625.3	3377.8	5991.9	8604.2	15406.3	22206.4	26910.8
50°	1434.4	1445.5	1659.2	1871.0	2614.2	3357.3	6099.7	8842.1	15941.4	23038.8	27784.0
52.5°	1413.9	1365.6	1599.7	1833.8	2612.3	3390.8	6410.0	9429.2	16935.4	24439.7	28729.8
55°	1306.2	1243.0	1488.2	1733.5	2573.3	3411.2	6779.7	10146.4	18269.4	26390.6	30429.8
57.5°	1211.4	1153.8	1361.9	1568.1	2454.4	3340.6	7160.6	10978.7	19679.6	28378.6	32345.4
60°	1085.1	1072.0	1220.7	1369.3	2270.4	3169.7	7474.6	11777.7	20627.2	29474.8	33083.0
62.5°	981.0	988.4	1098.1	1207.7	2040.0	2870.6	7578.6	12284.9	20601.1	28917.4	32339.8
65°	901.1	914.1	1021.9	1129.6	1843.1	2556.6	7236.8	11915.1	19558.8	27200.6	30870.1
67.5°	823.1	837.9	966.1	1092.5	1668.5	2242.6	6382.1	10519.8	17684.1	24846.6	29001.0
70°	748.8	767.3	906.7	1046.0	1542.1	2036.3	5280.3	8524.4	15337.5	22148.8	26836.5
72.5°	668.9	687.4	836.1	984.7	1462.2	1937.9	4304.9	6670.1	12446.5	18221.1	22955.2
75°	587.1	600.1	761.8	921.6	1352.6	1783.6	3377.8	4970.1	9525.8	14081.5	17338.6
77.5°	505.4	522.1	657.7	791.5	1148.2	1503.1	2545.4	3587.7	6989.7	10389.8	12058.2
80°	403.2	418.0	514.7	609.4	886.3	1161.2	1750.2	2339.2	4810.3	7281.4	8221.5
82.5°	308.4	325.1	390.2	453.3	631.7	810.1	1060.9	1311.7	3195.7	5077.8	5155.9
85°	211.8	217.4	263.8	308.4	390.2	471.9	607.6	743.2	2114.4	3485.5	2904.0
87.5°	105.9	105.9	137.5	169.1	210.0	250.8	321.4	390.2	676.3	962.4	553.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320573
 CATALOG NUMBER: GAN-SA9C-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: P320573

CATALOG NUMBER: GAN-SA9C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7
2.5°	15289.2	15424.8	15562.3	15666.4	15772.3	15924.6	16077.0	16104.9	16134.6	16075.1	16015.7
5°	15486.2	15896.8	16309.2	16690.1	17071.0	17299.5	17528.1	17574.5	17621.0	17477.9	17333.0
7.5°	14756.0	15471.3	16186.6	16842.5	17498.3	17895.9	18295.4	18384.6	18475.6	18241.5	18007.4
10°	13780.5	14659.4	15538.2	16402.1	17266.1	17843.9	18421.7	18536.9	18652.1	18360.4	18068.7
12.5°	13026.2	13964.5	14902.8	15813.2	16725.4	17323.7	17922.0	18065.0	18208.1	17996.3	17782.6
15°	12794.0	13676.5	14559.0	15352.4	16147.6	16636.2	17126.7	17184.3	17243.8	17210.4	17176.9
17.5°	13215.7	14012.8	14811.7	15242.8	15675.7	15870.8	16067.7	16130.9	16195.9	16279.5	16365.0
20°	14237.6	14798.7	15361.7	15343.1	15322.7	15227.9	15131.3	15114.6	15097.8	15337.5	15579.1
22.5°	15763.0	15986.0	16210.8	15688.7	15166.6	14848.9	14529.3	14466.1	14401.1	14655.6	14912.0
25°	17418.4	17377.6	17334.8	16340.8	15345.0	14739.3	14133.6	14063.0	13992.4	14209.7	14429.0
27.5°	19057.2	18789.6	18522.1	17171.3	15820.6	14941.8	14063.0	13992.4	13921.8	14115.0	14308.2
30°	20259.3	19830.1	19400.9	17871.8	16342.7	15298.5	14254.3	14139.1	14022.1	14259.9	14497.7
32.5°	21197.6	20621.6	20045.6	18440.3	16835.0	15705.4	14575.8	14395.5	14215.3	14533.0	14850.7
35°	22134.0	21323.9	20512.0	18947.6	17381.3	16186.6	14990.1	14769.0	14547.9	14984.5	15421.1
37.5°	23311.9	22148.8	20983.9	19517.9	18052.0	16907.5	15761.1	15534.5	15307.8	15863.3	16420.7
40°	24590.2	23038.8	21487.4	20142.2	18797.1	17905.2	17011.6	16796.0	16578.6	17254.9	17931.2
42.5°	25653.0	23867.5	22081.9	20894.7	19705.6	19077.6	18447.8	18445.9	18442.2	19127.8	19813.4
45°	26516.9	24558.6	22598.5	21628.6	20656.9	20329.9	20002.9	20264.9	20526.8	21145.5	21766.1
47.5°	27161.6	25138.3	23113.1	22468.4	21823.7	21872.0	21920.3	22453.5	22986.8	23384.4	23783.8
50°	27581.5	25664.1	23744.8	23546.0	23347.2	23780.1	24214.9	24826.2	25439.3	25710.6	25981.8
52.5°	28192.8	26377.6	24560.5	24783.4	25006.4	25890.8	26775.2	27393.9	28012.6	28112.9	28215.1
55°	29606.7	27689.3	25770.0	26197.3	26626.5	27923.4	29222.1	29705.2	30188.3	30225.4	30262.6
57.5°	31615.2	29526.8	27438.5	27899.2	28360.0	29857.5	31356.9	31877.1	32399.2	32326.8	32252.5
60°	33118.3	31271.5	29422.8	29887.3	30351.8	31812.1	33272.5	33870.7	34470.9	34311.1	34151.3
62.5°	33211.2	32224.6	31236.1	31656.0	32077.8	33508.4	34939.1	35554.1	36169.1	35890.4	35611.7
65°	31734.1	32176.3	32618.5	32757.8	32897.2	34231.2	35567.1	36037.1	36509.1	36367.9	36226.6
67.5°	29699.6	31329.0	32960.3	32679.8	32399.2	33025.4	33651.5	34136.4	34621.4	34541.5	34459.7
70°	27668.9	29844.5	32020.2	30641.6	29261.1	29002.9	28744.6	29266.7	29790.7	29467.4	29142.2
72.5°	24211.2	26529.9	28850.5	26310.7	23770.8	22888.3	22005.8	22669.1	23332.4	22817.7	22301.2
75°	19005.1	21567.3	24131.3	21100.9	18070.6	16892.6	15714.7	16285.1	16855.5	16502.5	16147.6
77.5°	14148.4	16673.4	19198.4	16117.9	13035.5	12160.4	11283.4	11452.5	11623.4	11564.0	11502.7
80°	9596.4	11355.9	13117.3	11066.1	9014.9	9081.7	9150.5	9070.6	8988.8	9107.8	9226.7
82.5°	6123.9	7482.0	8842.1	7753.3	6664.5	7288.8	7913.1	7606.5	7298.1	7411.4	7526.6
85°	3494.8	4823.3	6153.6	5735.5	5315.6	5679.8	6045.8	5570.2	5094.5	5302.6	5512.6
87.5°	921.6	2668.0	4416.4	4009.5	3602.6	3130.7	2658.8	2028.9	1399.0	2043.8	2688.5
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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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: P320573

CATALOG NUMBER: GAN-SA9C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7	14157.7
2.5°	15984.1	15952.5	15839.2	15724.0	15553.0	15411.8	15166.6
5°	17132.3	16931.7	16586.1	16238.6	15852.2	15408.1	14915.8
7.5°	17539.2	17069.1	16405.9	15740.7	15142.4	14440.1	13786.1
10°	17366.4	16662.3	15800.2	14936.2	14209.7	13401.5	12675.1
12.5°	17035.7	16286.9	15337.5	14386.2	13559.4	12691.8	11878.0
15°	16580.5	15982.2	15092.3	14202.3	13369.9	12526.4	11562.1
17.5°	16082.6	15798.3	15155.4	14510.7	13789.8	12972.3	11840.8
20°	15681.2	15785.3	15528.9	15272.5	14694.7	13981.2	12710.4
22.5°	15410.0	15909.8	16106.7	16305.5	15958.1	15400.7	13931.0
25°	15257.6	16086.3	16745.9	17407.3	17253.1	16823.9	15413.7
27.5°	15324.5	16340.8	17364.6	18390.2	18533.2	18414.3	16976.2
30°	15525.2	16554.5	17801.2	19049.7	19620.1	19779.9	18278.7
32.5°	15859.6	16868.5	18226.7	19586.7	20448.8	20957.9	19469.6
35°	16365.0	17308.8	18724.6	20140.4	21255.1	22184.1	20699.6
37.5°	17232.6	18044.6	19350.7	20658.7	22104.2	23499.6	22054.1
40°	18503.5	19077.6	20181.2	21286.7	23105.7	24989.7	23564.6
42.5°	20106.9	20402.3	21277.4	22152.5	24151.7	26342.3	25041.7
45°	21844.1	21922.2	22472.1	23023.9	24980.4	27263.8	26150.9
47.5°	23516.3	23248.7	23468.0	23687.2	25615.8	27921.5	26992.6
50°	25236.8	24491.7	24376.5	24261.3	26251.2	28696.3	28062.7
52.5°	26987.0	25758.9	25303.7	24846.6	27009.3	29723.8	29394.9
55°	28700.0	27137.5	26524.3	25911.2	28168.6	30977.9	31351.3
57.5°	30481.8	28711.2	28142.6	27574.1	29872.4	32566.5	33107.1
60°	32399.2	30645.3	30190.1	29733.1	31990.5	34283.2	33889.3
62.5°	34218.2	32824.7	32585.0	32343.5	34132.7	35602.4	33584.6
65°	35433.3	34638.1	34861.0	35085.9	35752.9	35931.2	32692.8
67.5°	34621.4	34783.0	35725.0	36668.8	36209.9	34953.9	30935.2
70°	30110.2	31080.1	33311.5	35544.8	34526.6	32336.1	27780.3
72.5°	23390.0	24480.6	27793.3	31107.9	30169.7	27486.8	22817.7
75°	17377.6	18609.4	22265.9	25922.4	24619.9	20560.3	16337.1
77.5°	12327.6	13152.6	16762.6	20374.5	18250.8	13685.8	10993.6
80°	8974.0	8721.3	10733.5	12745.7	12392.6	9052.0	7060.3
82.5°	6909.8	6292.9	7240.5	8188.1	8136.0	6281.8	5180.0
85°	5265.5	5018.4	5856.3	6694.3	5977.1	4254.7	3292.3
87.5°	3069.4	3452.1	4438.7	5427.1	4072.7	1291.3	639.1
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



REPORT NUMBER: P320573
 CATALOG NUMBER: GAN-SA9C-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)