

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: P320552

Luminaire Tested: **GAN-SA8A-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320552
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA8A-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 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: 27449 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

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



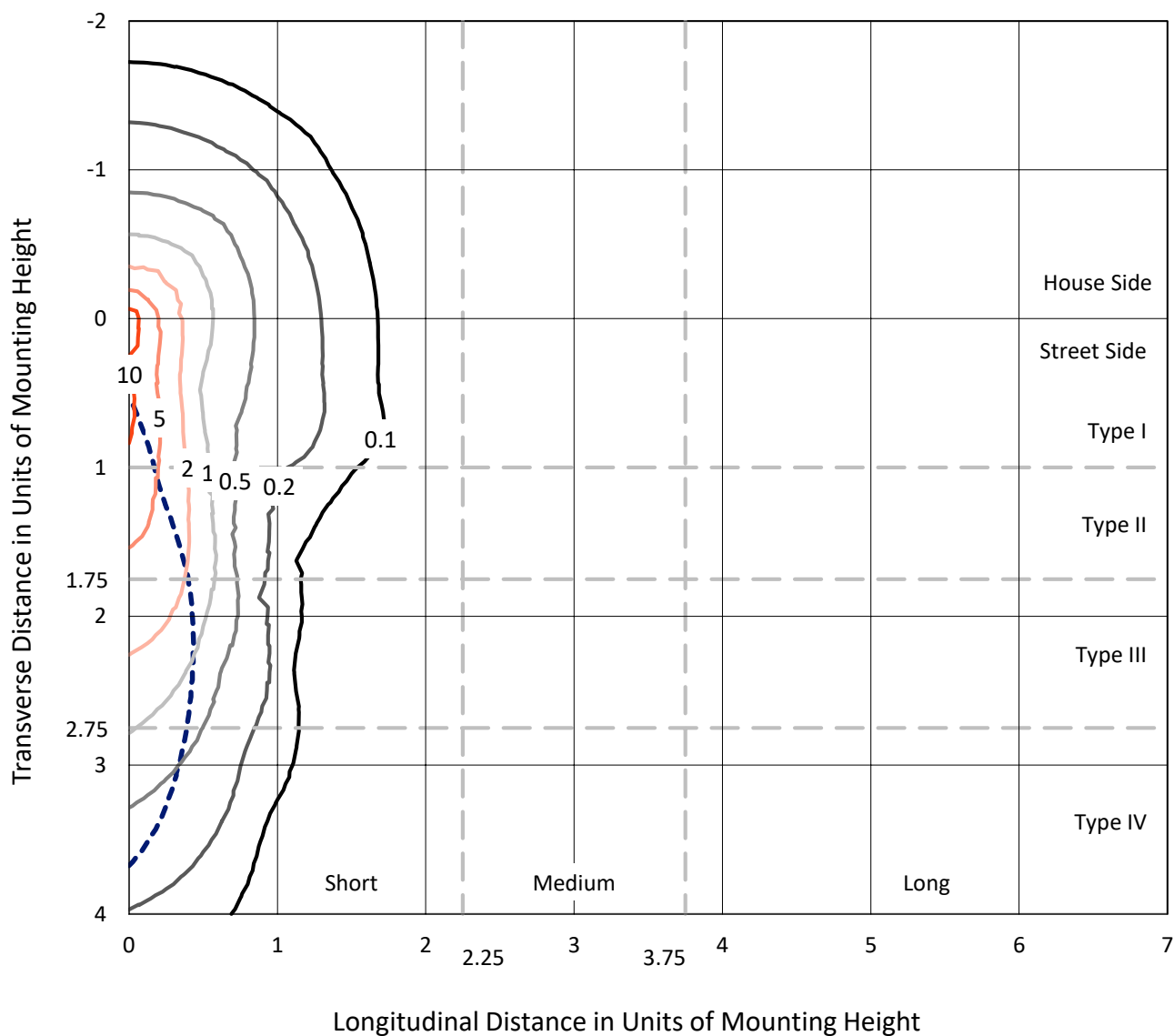
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

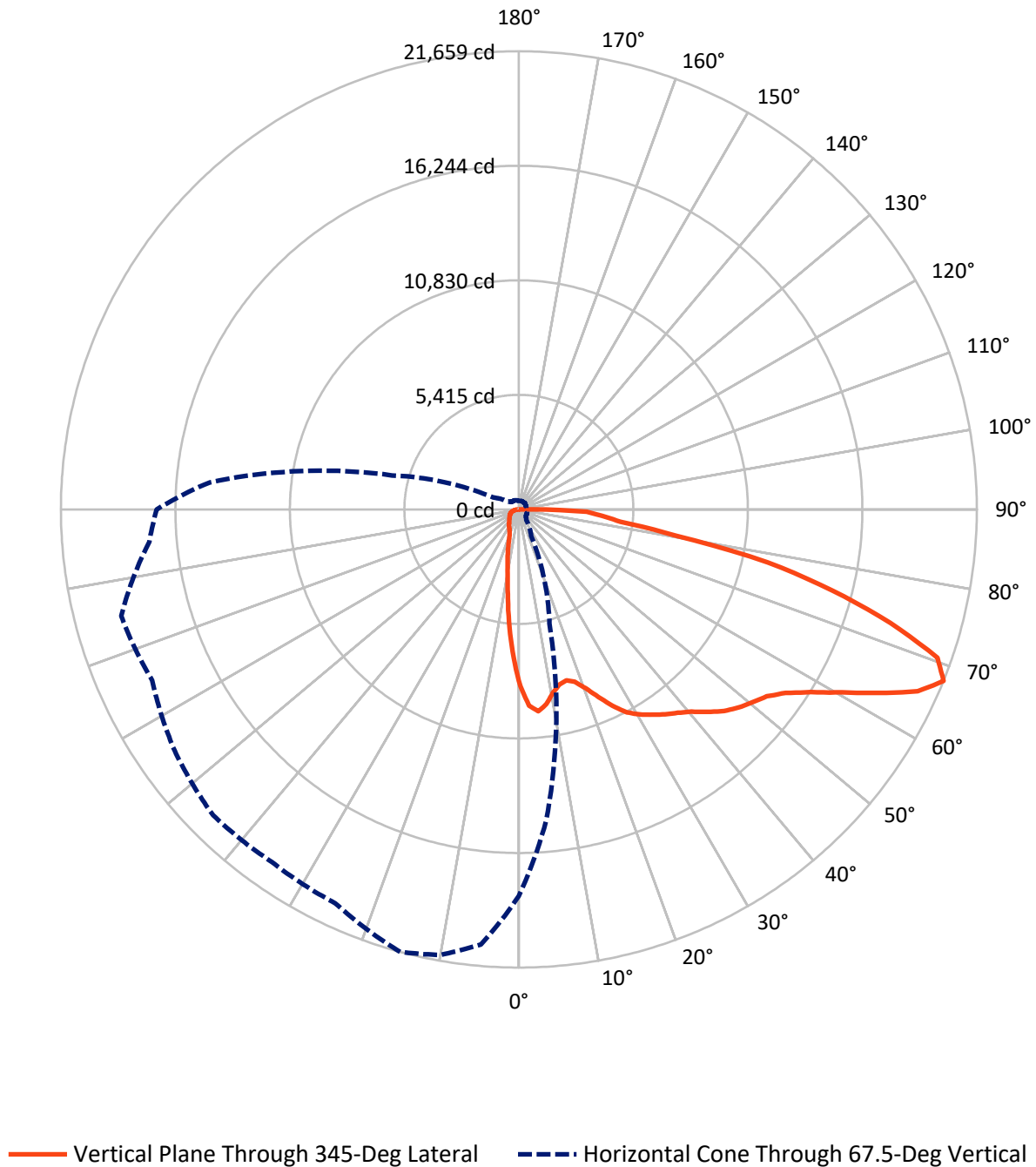
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.4 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	4745.3	0.0	4745.3
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	22703.6	0.0	22703.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	27449.0	0.0	27449.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	645.4	2.4
10°-20°	1340.7	4.9
20°-30°	1906.8	6.9
30°-40°	2747.7	10.0
40°-50°	3872.3	14.1
50°-60°	5383.2	19.6
60°-70°	6509.9	23.7
70°-80°	4001.5	14.6
80°-90°	1041.2	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°	27449.0	100.0
0°-180°	27449.0	100.0

Coefficient of Utilization



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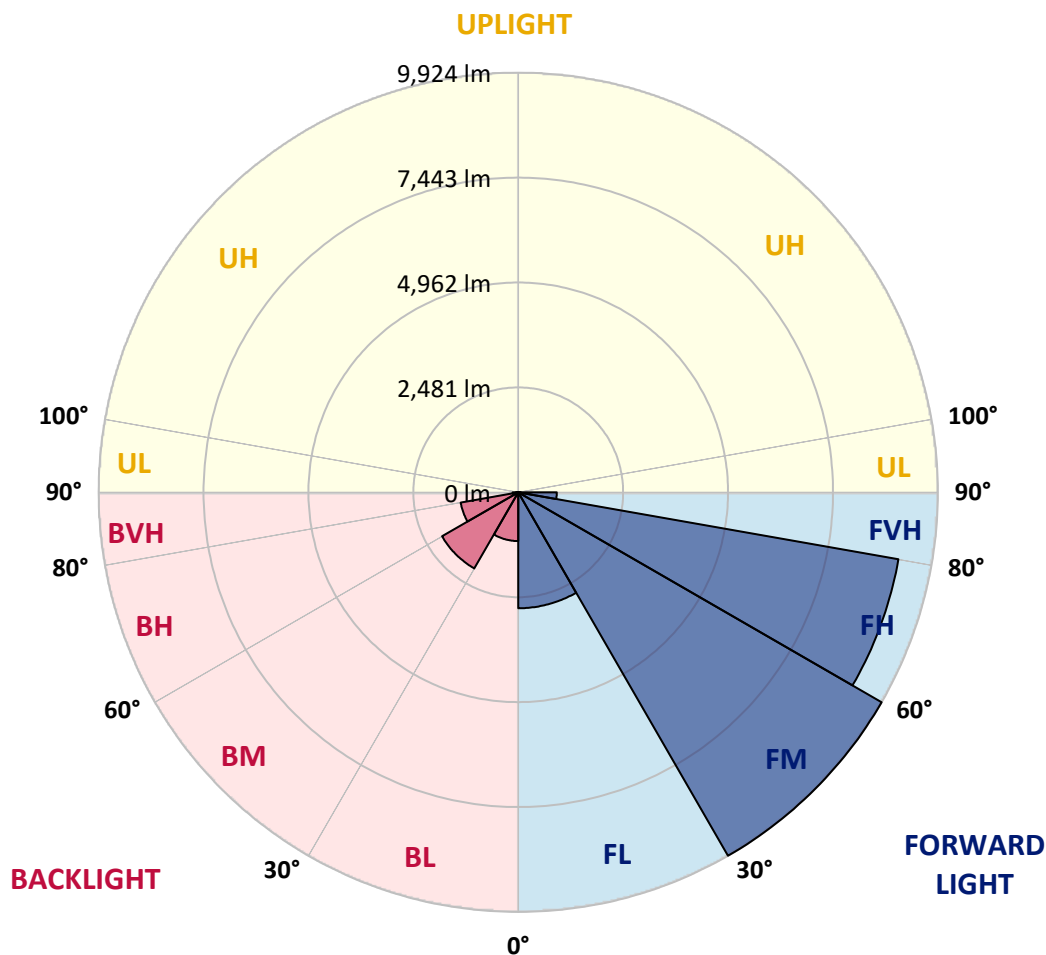
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2740.8	10.0			
FM	(30°-60°)	9923.5	36.2			
FH	(60°-80°)	9128.6	33.3			G4/12000
FVH	(80°-90°)	910.7	3.3			G5
BL	(0°-30°)	1152.1	4.2	B3/2500		
BM	(30°-60°)	2079.8	7.6	B2/2500		
BH	(60°-80°)	1382.9	5.0	B3/2500		G3/2500
BVH	(80°-90°)	130.5	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°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	8958.4	8879.4	8759.8	8640.2	8551.3	8461.3	8359.2	8257.2	8140.8	8023.4	7954.3
5°	8810.3	8590.8	8305.5	8020.1	7831.4	7642.6	7428.6	7214.6	7002.8	6791.0	6676.9
7.5°	8143.0	7813.8	7442.9	7071.9	6797.6	6522.1	6225.8	5928.4	5665.0	5400.5	5237.0
10°	7486.8	7091.7	6665.9	6239.0	5887.8	5536.6	5239.2	4940.7	4742.1	4543.4	4393.1
12.5°	7016.0	6578.1	6109.5	5639.8	5288.6	4937.4	4748.6	4559.9	4395.3	4230.6	4057.3
15°	6829.4	6334.5	5854.9	5374.2	5054.8	4735.5	4525.9	4315.2	4094.6	3872.9	3660.0
17.5°	6994.0	6414.6	5893.3	5372.0	4953.9	4535.7	4242.7	3948.6	3657.8	3367.0	3120.0
20°	7507.6	6767.9	6086.4	5403.8	4847.4	4291.0	3898.1	3504.1	3131.0	2757.9	2478.0
22.5°	8228.6	7249.7	6359.7	5469.7	4750.8	4030.9	3538.2	3044.3	2603.1	2162.0	1887.6
25°	9104.4	7888.4	6753.7	5617.8	4711.3	3803.7	3198.0	2592.2	2126.8	1660.4	1465.1
27.5°	10027.4	8650.1	7243.1	5835.1	4717.9	3600.7	2911.5	2221.2	1802.0	1382.8	1248.9
30°	10796.7	9520.3	7813.8	6106.2	4743.2	3380.1	2641.5	1903.0	1557.3	1211.6	1124.9
32.5°	11500.1	10127.2	8244.0	6359.7	4771.7	3182.6	2433.0	1682.4	1400.3	1117.2	1045.9
35°	12226.6	10666.1	8544.7	6422.2	4722.3	3021.3	2290.4	1559.5	1299.4	1038.2	977.8
37.5°	13026.7	11248.8	8834.4	6419.0	4638.9	2858.8	2179.5	1499.1	1233.5	966.8	923.0
40°	13918.9	11893.0	9148.3	6403.6	4563.2	2721.7	2097.2	1471.7	1197.3	921.9	884.5
42.5°	14791.4	12507.6	9440.2	6372.9	4501.7	2629.5	2016.0	1402.5	1164.4	925.1	872.5
45°	15446.5	13044.2	9693.7	6342.1	4455.6	2569.1	1952.4	1335.6	1133.7	931.7	864.8
47.5°	15943.7	13583.1	9974.7	6365.2	4451.2	2537.3	1907.4	1277.4	1075.5	872.5	845.0
50°	16575.8	14230.6	10384.0	6537.5	4511.6	2485.7	1854.7	1222.6	1019.5	816.5	853.8
52.5°	17362.7	15154.6	11018.3	6881.0	4637.8	2394.6	1771.3	1147.9	951.5	753.9	812.1
55°	18518.3	16338.8	11829.4	7318.9	4790.3	2260.7	1645.1	1028.3	861.5	693.6	745.2
57.5°	19555.4	17535.0	12607.4	7678.8	4885.8	2091.7	1485.9	880.2	760.5	640.9	670.5
60°	20017.4	18151.7	12971.8	7790.8	4828.8	1866.8	1307.1	746.3	671.6	597.0	591.5
62.5°	19837.4	17759.9	12612.9	7465.9	4550.0	1634.1	1149.0	664.0	608.0	550.9	538.8
65°	19310.6	16528.6	11607.7	6686.7	4079.2	1471.7	1049.2	626.6	564.1	501.5	488.4
67.5°	18272.5	14776.0	10183.2	5590.4	3481.1	1371.8	992.1	612.4	536.7	459.8	444.5
70°	16409.0	12666.7	8542.5	4417.2	2864.3	1310.3	954.8	599.2	507.0	413.7	399.5
72.5°	13477.7	10155.8	6821.7	3486.6	2394.6	1302.7	950.4	598.1	482.9	367.6	354.5
75°	9649.8	7713.9	5207.4	2699.7	1961.1	1222.6	902.1	581.6	450.0	317.2	305.1
77.5°	6493.6	5339.1	3619.4	1898.6	1455.2	1011.8	758.3	504.8	385.2	265.6	253.5
80°	4170.3	3695.1	2425.4	1155.6	943.8	732.0	542.1	352.3	280.9	208.5	198.6
82.5°	3059.7	2750.2	1685.7	621.2	524.6	426.9	331.4	236.0	192.1	148.2	143.8
85°	1944.7	2144.4	1241.2	338.0	276.6	215.1	177.8	140.5	110.8	81.2	81.2
87.5°	377.5	522.4	343.5	163.5	119.6	75.7	64.7	52.7	29.6	5.5	6.6
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):

	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°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	7884.0	7808.3	7732.6	7647.0	7560.3	7480.2	7399.0	7310.1	7326.5	7258.5	7190.5
5°	6562.7	6442.0	6320.2	6214.8	6109.5	6018.4	5926.2	5843.9	5915.2	5866.9	5818.7
7.5°	5072.4	4923.1	4772.8	4646.6	4520.4	4422.7	4323.9	4255.9	4326.1	4317.3	4308.6
10°	4242.7	4097.9	3951.9	3812.5	3673.1	3554.6	3435.0	3334.0	3316.5	3266.0	3214.4
12.5°	3882.8	3684.1	3484.4	3338.4	3192.5	3050.9	2909.3	2790.8	2737.0	2653.6	2569.1
15°	3447.1	3212.2	2977.4	2811.7	2644.8	2507.7	2369.4	2267.3	2233.3	2168.6	2103.8
17.5°	2873.1	2616.3	2359.5	2191.6	2022.6	1912.8	1802.0	1734.0	1734.0	1715.3	1696.6
20°	2198.2	1968.8	1739.4	1611.0	1482.6	1424.5	1365.2	1336.7	1345.5	1346.6	1346.6
22.5°	1612.1	1471.7	1331.2	1279.6	1226.9	1206.1	1185.2	1173.2	1177.6	1178.7	1179.8
25°	1269.7	1216.0	1161.1	1134.8	1107.3	1094.2	1081.0	1076.6	1086.5	1087.6	1087.6
27.5°	1115.0	1082.1	1048.1	1031.6	1014.0	1008.6	1003.1	995.4	1005.3	1005.3	1004.2
30°	1037.1	1002.0	966.8	946.0	925.1	927.3	928.4	926.2	932.8	937.2	940.5
32.5°	973.4	939.4	905.4	884.5	862.6	859.3	856.0	853.8	868.1	875.8	883.4
35°	916.4	879.1	841.7	822.0	802.2	794.5	786.9	781.4	794.5	804.4	814.3
37.5°	878.0	839.5	800.0	781.4	761.6	751.7	741.9	735.3	740.8	745.2	749.6
40°	847.2	807.7	767.1	745.2	723.2	713.3	703.5	698.0	701.3	702.4	703.5
42.5°	818.7	780.3	741.9	717.7	692.5	680.4	668.3	661.8	664.0	666.1	667.2
45°	797.8	759.4	719.9	691.4	661.8	648.6	635.4	627.7	628.8	628.8	628.8
47.5°	817.6	761.6	704.6	671.6	637.6	622.3	606.9	599.2	597.0	594.8	592.6
50°	890.0	794.5	698.0	656.3	613.5	597.0	579.5	570.7	565.2	563.0	560.8
52.5°	869.2	786.9	703.5	649.7	594.8	575.1	555.3	541.0	535.6	532.3	529.0
55°	795.6	744.1	691.4	626.6	561.9	544.3	525.7	515.8	505.9	503.7	501.5
57.5°	699.1	678.2	657.4	591.5	525.7	509.2	491.7	485.1	476.3	476.3	475.2
60°	584.9	615.7	646.4	570.7	493.9	475.2	456.5	451.0	447.8	446.7	445.6
62.5°	525.7	576.2	625.5	545.4	464.2	444.5	424.7	418.1	417.0	418.1	418.1
65°	475.2	490.6	505.9	468.6	431.3	411.5	390.7	384.1	386.3	389.6	392.9
67.5°	429.1	425.8	422.5	409.3	395.1	378.6	361.1	354.5	355.6	360.0	364.4
70°	385.2	380.8	375.3	365.4	355.6	341.3	327.0	322.6	321.6	327.0	331.4
72.5°	341.3	335.8	329.2	321.6	312.8	300.7	288.6	285.3	286.4	289.7	293.0
75°	293.0	288.6	283.1	276.6	268.9	257.9	246.9	244.7	246.9	250.2	253.5
77.5°	240.3	239.2	237.0	231.6	226.1	214.0	200.8	199.7	203.0	206.3	208.5
80°	187.7	188.8	189.9	185.5	181.1	167.9	153.6	152.5	155.8	159.1	162.4
82.5°	138.3	141.6	143.8	138.3	132.8	117.4	102.1	99.9	110.8	114.1	117.4
85°	80.1	84.5	88.9	84.5	80.1	64.7	49.4	48.3	58.2	63.7	69.1
87.5°	6.6	8.8	11.0	9.9	8.8	4.4	0.0	0.0	1.1	5.5	9.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320552
 CATALOG NUMBER: GAN-SA8A-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: P320552

CATALOG NUMBER: GAN-SA8A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	7147.7	7104.9	7091.7	7078.5	7030.2	6980.8	7031.3	7080.7	7101.6	7122.4	7068.6
5°	5812.1	5804.4	5804.4	5803.3	5759.4	5714.4	5748.4	5781.3	5707.8	5634.3	5626.6
7.5°	4355.8	4402.9	4441.4	4478.7	4464.4	4450.1	4482.0	4513.8	4420.5	4326.1	4280.0
10°	3225.4	3235.3	3277.0	3318.7	3328.5	3337.3	3376.8	3415.2	3342.8	3270.4	3238.6
12.5°	2516.4	2463.8	2469.3	2473.6	2493.4	2512.1	2553.8	2594.4	2564.7	2534.0	2537.3
15°	2038.0	1971.0	1943.6	1915.0	1937.0	1958.9	1988.6	2017.1	2018.2	2018.2	2046.7
17.5°	1663.7	1629.7	1602.3	1573.7	1603.4	1631.9	1635.2	1638.5	1639.6	1640.7	1638.5
20°	1363.0	1379.5	1370.7	1361.9	1372.9	1382.8	1391.6	1399.2	1389.4	1378.4	1351.0
22.5°	1195.1	1209.4	1220.4	1230.2	1248.9	1266.5	1257.7	1247.8	1228.0	1207.2	1186.3
25°	1097.4	1107.3	1118.3	1129.3	1144.6	1158.9	1143.5	1128.2	1113.9	1099.6	1085.4
27.5°	1015.1	1025.0	1034.9	1043.7	1057.9	1071.1	1056.8	1042.6	1030.5	1018.4	1007.5
30°	948.2	954.8	962.5	970.1	983.3	995.4	983.3	970.1	961.4	951.5	943.8
32.5°	891.1	897.7	901.0	904.3	916.4	928.4	919.7	910.9	903.2	895.5	890.0
35°	828.6	841.7	843.9	846.1	858.2	870.3	864.8	858.2	849.4	840.6	830.8
37.5°	764.9	780.3	789.1	796.7	808.8	820.9	815.4	809.9	797.8	785.8	768.2
40°	711.1	717.7	734.2	749.6	769.3	788.0	777.0	764.9	746.3	727.6	718.8
42.5°	666.1	665.1	680.4	695.8	725.4	753.9	734.2	714.4	696.9	679.3	677.1
45°	626.6	623.3	631.0	638.7	670.5	701.3	681.5	660.7	650.8	640.9	640.9
47.5°	591.5	589.3	594.8	599.2	619.0	637.6	627.7	617.9	612.4	606.9	608.0
50°	559.7	557.5	563.0	567.4	575.1	581.6	583.8	584.9	581.6	578.4	580.5
52.5°	530.1	530.1	532.3	533.4	543.2	553.1	553.1	552.0	552.0	552.0	554.2
55°	504.8	507.0	507.0	507.0	522.4	536.7	532.3	527.9	529.0	529.0	531.2
57.5°	479.6	482.9	485.1	487.3	502.6	518.0	513.6	509.2	509.2	509.2	510.3
60°	451.0	455.4	459.8	464.2	479.6	494.9	490.6	485.1	486.2	487.3	488.4
62.5°	423.6	428.0	432.4	436.8	452.1	467.5	463.1	457.6	460.9	463.1	463.1
65°	397.3	400.6	405.0	409.3	423.6	437.9	433.5	429.1	433.5	436.8	439.0
67.5°	367.6	369.8	374.2	378.6	392.9	407.2	402.8	397.3	402.8	407.2	411.5
70°	333.6	335.8	341.3	345.7	360.0	374.2	368.7	363.3	368.7	374.2	378.6
72.5°	296.3	298.5	304.0	308.4	324.8	341.3	334.7	328.1	334.7	341.3	343.5
75°	255.7	257.9	264.5	270.0	286.4	302.9	297.4	290.8	296.3	301.8	302.9
77.5°	211.8	215.1	223.9	232.7	245.8	259.0	255.7	252.4	255.7	259.0	259.0
80°	165.7	169.0	180.0	189.9	197.5	205.2	206.3	207.4	208.5	209.6	208.5
82.5°	122.9	127.3	137.2	147.1	147.1	147.1	155.8	163.5	163.5	162.4	161.3
85°	75.7	81.2	90.0	98.8	93.3	87.8	102.1	115.2	115.2	114.1	111.9
87.5°	15.4	20.9	29.6	37.3	31.8	26.3	40.6	54.9	56.0	56.0	53.8
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: P320552
 CATALOG NUMBER: GAN-SA8A-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: P320552

CATALOG NUMBER: GAN-SA8A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	7013.8	7099.4	7183.9	7205.8	7238.7	7253.0	7266.2	7373.7	7480.2	7605.3	7730.4
5°	5617.8	5681.5	5745.1	5755.0	5789.0	5806.6	5824.1	5954.7	6084.2	6258.7	6433.2
7.5°	4233.9	4249.3	4264.7	4262.5	4291.0	4329.4	4366.7	4506.1	4644.4	4832.0	5018.6
10°	3206.7	3241.9	3275.9	3307.7	3370.3	3442.7	3514.0	3656.7	3799.4	3984.8	4169.2
12.5°	2540.6	2581.2	2620.7	2655.8	2728.2	2824.8	2920.3	3091.5	3262.7	3484.4	3705.0
15°	2074.2	2070.9	2067.6	2091.7	2155.4	2260.7	2365.0	2546.1	2727.1	2970.8	3213.3
17.5°	1636.3	1619.8	1603.4	1622.0	1681.3	1768.0	1853.6	2007.2	2159.8	2395.7	2631.7
20°	1323.5	1312.5	1301.6	1319.1	1356.4	1392.7	1428.9	1539.7	1649.5	1841.5	2032.5
22.5°	1164.4	1163.3	1161.1	1171.0	1188.5	1207.2	1224.7	1278.5	1331.2	1455.2	1578.1
25°	1071.1	1070.0	1068.9	1073.3	1087.6	1101.8	1116.1	1151.2	1186.3	1245.6	1304.9
27.5°	996.5	994.3	992.1	993.2	996.5	1018.4	1039.3	1055.7	1071.1	1111.7	1151.2
30°	936.1	935.0	933.9	933.9	930.6	938.3	946.0	971.2	995.4	1037.1	1078.8
32.5°	884.5	879.1	873.6	861.5	853.8	864.8	875.8	902.1	928.4	966.8	1005.3
35°	819.8	805.5	790.2	783.6	784.7	795.6	806.6	833.0	858.2	899.9	940.5
37.5°	749.6	745.2	739.7	738.6	741.9	752.8	763.8	786.9	808.8	850.5	891.1
40°	710.0	707.9	705.7	703.5	705.7	716.6	727.6	749.6	770.4	811.0	850.5
42.5°	674.9	673.8	672.7	672.7	673.8	685.9	698.0	719.9	740.8	777.0	813.2
45°	640.9	642.0	642.0	644.2	647.5	659.6	670.5	694.7	718.8	753.9	789.1
47.5°	609.1	612.4	614.6	620.1	623.3	636.5	648.6	674.9	701.3	745.2	788.0
50°	581.6	584.9	587.1	591.5	600.3	615.7	631.0	662.9	693.6	767.1	839.5
52.5°	556.4	559.7	563.0	567.4	578.4	595.9	613.5	653.0	691.4	777.0	862.6
55°	533.4	536.7	538.8	545.4	556.4	571.8	586.0	634.3	682.6	745.2	807.7
57.5°	511.4	514.7	516.9	521.3	526.8	543.2	558.6	610.2	661.8	705.7	748.5
60°	488.4	490.6	491.7	491.7	496.0	514.7	533.4	599.2	664.0	656.3	647.5
62.5°	463.1	465.3	466.4	463.1	468.6	488.4	508.1	593.7	679.3	626.6	574.0
65°	440.1	439.0	437.9	434.6	441.2	460.9	479.6	522.4	565.2	544.3	523.5
67.5°	414.8	411.5	408.2	403.9	410.4	428.0	444.5	458.7	473.0	475.2	477.4
70°	383.0	378.6	374.2	373.1	376.4	390.7	405.0	414.8	423.6	428.0	431.3
72.5°	345.7	342.4	339.1	336.9	338.0	350.1	361.1	369.8	378.6	381.9	384.1
75°	304.0	304.0	302.9	296.3	296.3	306.2	315.0	322.6	330.3	334.7	339.1
77.5°	259.0	260.1	260.1	251.3	250.2	260.1	268.9	275.5	280.9	285.3	288.6
80°	207.4	205.2	203.0	197.5	195.3	207.4	218.4	223.9	228.3	229.4	229.4
82.5°	159.1	154.7	149.3	137.2	138.3	151.4	163.5	167.9	172.3	172.3	172.3
85°	108.6	99.9	90.0	80.1	81.2	95.5	108.6	113.0	117.4	119.6	120.7
87.5°	51.6	42.8	32.9	25.2	25.2	37.3	48.3	50.5	52.7	57.1	61.5
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: P320552
 CATALOG NUMBER: GAN-SA8A-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: P320552

CATALOG NUMBER: GAN-SA8A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	7825.9	7920.3	8017.9	8115.6	8227.5	8339.5	8470.1	8599.6	8710.4	8821.3	8913.4
5°	6583.6	6733.9	6910.6	7087.3	7312.3	7537.2	7812.7	8087.1	8331.8	8576.5	8860.8
7.5°	5215.1	5410.4	5640.9	5871.3	6162.2	6453.0	6809.6	7166.3	7512.0	7856.6	8293.4
10°	4374.4	4579.6	4806.8	5032.9	5329.2	5624.4	6001.9	6378.3	6766.8	7154.2	7648.1
12.5°	3933.2	4160.4	4360.1	4559.9	4800.2	5039.5	5404.9	5770.4	6226.9	6682.3	7157.5
15°	3462.4	3710.5	3949.7	4188.9	4451.2	4712.4	5068.0	5423.6	5922.9	6422.2	6968.8
17.5°	2892.9	3154.1	3446.0	3736.8	4079.2	4420.5	4875.9	5331.4	5922.9	6513.3	7157.5
20°	2299.1	2565.8	2914.8	3263.8	3689.6	4114.3	4704.7	5295.2	6091.9	6887.6	7709.5
22.5°	1814.1	2048.9	2429.7	2809.5	3301.1	3792.8	4550.0	5306.1	6347.6	7388.0	8497.5
25°	1470.6	1636.3	2010.5	2383.6	2951.0	3518.4	4455.6	5391.7	6719.7	8046.5	9422.7
27.5°	1259.9	1368.5	1717.5	2065.4	2685.4	3304.4	4417.2	5528.9	7191.6	8854.2	10429.0
30°	1154.5	1230.2	1525.4	1819.6	2449.5	3079.4	4371.1	5662.8	7645.9	9627.9	11215.9
32.5°	1066.7	1127.1	1379.5	1630.8	2245.4	2859.9	4282.2	5703.4	7963.1	10222.7	11882.0
35°	992.1	1042.6	1262.1	1481.6	2085.1	2688.7	4133.0	5577.2	8161.7	10746.2	12575.6
37.5°	931.7	971.2	1174.3	1377.3	1946.9	2516.4	3962.9	5409.3	8338.4	11267.5	13355.9
40°	884.5	918.6	1108.4	1298.3	1815.2	2332.1	3816.9	5300.7	8582.0	11863.4	14180.1
42.5°	858.2	902.1	1051.4	1199.5	1690.1	2180.6	3699.5	5218.3	8808.1	12396.7	14901.1
45°	851.6	914.2	1021.7	1129.3	1596.8	2064.3	3595.2	5125.1	8954.1	12783.0	15444.3
47.5°	840.6	892.2	998.7	1105.1	1550.7	1995.2	3539.3	5082.3	9100.0	13116.7	15895.4
50°	847.2	853.8	980.0	1105.1	1544.1	1983.1	3602.9	5222.7	9416.1	13608.3	16411.2
52.5°	835.2	806.6	944.9	1083.2	1543.0	2002.8	3786.2	5569.5	10003.2	14435.8	16969.8
55°	771.5	734.2	879.1	1023.9	1520.0	2014.9	4004.6	5993.1	10791.2	15588.1	17973.9
57.5°	715.5	681.5	804.4	926.2	1449.7	1973.2	4229.6	6484.8	11624.1	16762.4	19105.4
60°	640.9	633.2	721.0	808.8	1341.1	1872.2	4415.0	6956.7	12183.8	17409.9	19541.1
62.5°	579.5	583.8	648.6	713.3	1205.0	1695.6	4476.5	7256.3	12168.5	17080.6	19102.1
65°	532.3	539.9	603.6	667.2	1088.7	1510.1	4274.5	7037.9	11552.8	16066.6	18234.0
67.5°	486.2	494.9	570.7	645.3	985.5	1324.6	3769.7	6213.7	10445.5	14676.1	17130.0
70°	442.3	453.2	535.6	617.9	910.9	1202.8	3118.9	5035.1	9059.4	13082.6	15851.5
72.5°	395.1	406.1	493.9	581.6	863.7	1144.6	2542.8	3939.8	7351.8	10762.6	13558.9
75°	346.8	354.5	450.0	544.3	798.9	1053.5	1995.2	2935.7	5626.6	8317.5	10241.4
77.5°	298.5	308.4	388.5	467.5	678.2	887.8	1503.5	2119.2	4128.6	6136.9	7122.4
80°	238.1	246.9	304.0	360.0	523.5	685.9	1033.8	1381.7	2841.3	4300.9	4856.2
82.5°	182.2	192.1	230.5	267.8	373.1	478.5	626.6	774.8	1887.6	2999.3	3045.4
85°	125.1	128.4	155.8	182.2	230.5	278.8	358.9	439.0	1248.9	2058.8	1715.3
87.5°	62.6	62.6	81.2	99.9	124.0	148.2	189.9	230.5	399.5	568.5	327.0
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: P320552
 CATALOG NUMBER: GAN-SA8A-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: P320552

CATALOG NUMBER: GAN-SA8A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	9030.9	9111.0	9192.2	9253.7	9316.2	9406.2	9496.2	9512.6	9530.2	9495.1	9460.0
5°	9147.2	9389.7	9633.4	9858.3	10083.3	10218.3	10353.3	10380.7	10408.2	10323.7	10238.1
7.5°	8715.9	9138.4	9560.9	9948.3	10335.7	10570.6	10806.5	10859.2	10913.0	10774.7	10636.4
10°	8139.7	8658.8	9177.9	9688.2	10198.6	10539.9	10881.2	10949.2	11017.2	10844.9	10672.6
12.5°	7694.2	8248.4	8802.6	9340.4	9879.2	10232.6	10586.0	10670.5	10755.0	10629.8	10503.6
15°	7557.0	8078.3	8599.6	9068.2	9537.9	9826.5	10116.2	10150.3	10185.4	10165.6	10145.9
17.5°	7806.1	8276.9	8748.8	9003.4	9259.1	9374.4	9490.7	9528.0	9566.4	9615.8	9666.3
20°	8409.7	8741.1	9073.7	9062.7	9050.6	8994.7	8937.6	8927.7	8917.8	9059.4	9202.1
22.5°	9310.7	9442.4	9575.2	9266.8	8958.4	8770.8	8582.0	8544.7	8506.3	8656.6	8808.1
25°	10288.5	10264.4	10239.2	9652.0	9063.8	8706.0	8348.3	8306.6	8264.9	8393.3	8522.8
27.5°	11256.5	11098.5	10940.4	10142.6	9344.7	8825.6	8306.6	8264.9	8223.2	8337.3	8451.4
30°	11966.5	11713.0	11459.5	10556.3	9653.1	9036.4	8419.6	8351.6	8282.4	8422.9	8563.4
32.5°	12520.7	12180.5	11840.3	10892.1	9943.9	9276.7	8609.5	8503.0	8396.5	8584.2	8771.9
35°	13073.9	12595.4	12115.8	11191.7	10266.6	9560.9	8854.2	8723.6	8593.0	8850.9	9108.8
37.5°	13769.6	13082.6	12394.5	11528.7	10662.8	9986.7	9309.6	9175.7	9041.8	9370.0	9699.2
40°	14524.7	13608.3	12691.9	11897.4	11102.8	10576.1	10048.2	9920.9	9792.5	10192.0	10591.4
42.5°	15152.4	14097.8	13043.1	12341.9	11639.5	11268.6	10896.5	10895.4	10893.2	11298.2	11703.1
45°	15662.7	14506.0	13348.2	12775.4	12201.4	12008.2	11815.1	11969.8	12124.6	12490.0	12856.6
47.5°	16043.5	14848.4	13652.2	13271.4	12890.6	12919.1	12947.7	13262.6	13577.6	13812.4	14048.4
50°	16291.6	15159.0	14025.3	13907.9	13790.5	14046.2	14303.0	14664.1	15026.2	15186.4	15346.7
52.5°	16652.6	15580.4	14507.1	14638.8	14770.5	15292.9	15815.3	16180.7	16546.2	16605.4	16665.8
55°	17487.8	16355.2	15221.6	15474.0	15727.5	16493.5	17260.6	17545.9	17831.3	17853.2	17875.2
57.5°	18674.1	17440.6	16207.1	16479.2	16751.4	17635.9	18521.6	18828.9	19137.2	19094.4	19050.5
60°	19562.0	18471.1	17379.1	17653.5	17927.9	18790.4	19653.0	20006.4	20360.9	20266.5	20172.1
62.5°	19616.8	19034.1	18450.2	18698.3	18947.4	19792.4	20637.4	21000.7	21364.0	21199.3	21034.7
65°	18744.4	19005.5	19266.7	19349.0	19431.4	20219.3	21008.4	21286.0	21564.8	21481.4	21398.0
67.5°	17542.7	18505.1	19468.7	19303.0	19137.2	19507.1	19876.9	20163.4	20449.8	20402.6	20354.3
70°	16343.1	17628.3	18913.4	18099.1	17283.7	17131.1	16978.6	17286.9	17596.4	17405.5	17213.4
72.5°	14300.8	15670.4	17041.1	15540.9	14040.7	13519.4	12998.1	13389.9	13781.7	13477.7	13172.6
75°	11225.8	12739.1	14253.6	12463.7	10673.7	9978.0	9282.2	9619.1	9956.0	9747.5	9537.9
77.5°	8357.0	9848.5	11339.9	9520.3	7699.7	7182.8	6664.8	6764.6	6865.6	6830.5	6794.3
80°	5668.3	6707.6	7748.0	6536.4	5324.8	5364.3	5404.9	5357.7	5309.4	5379.7	5449.9
82.5°	3617.2	4419.4	5222.7	4579.6	3936.5	4305.3	4674.0	4492.9	4310.8	4377.7	4445.7
85°	2064.3	2849.0	3634.7	3387.8	3139.8	3354.9	3571.1	3290.1	3009.2	3132.1	3256.1
87.5°	544.3	1575.9	2608.6	2368.3	2127.9	1849.2	1570.4	1198.4	826.4	1207.2	1588.0
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: P320552
 CATALOG NUMBER: GAN-SA8A-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°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	9441.3	9422.7	9355.7	9287.7	9186.7	9103.3	8958.4
5°	10119.5	10001.0	9796.9	9591.7	9363.4	9101.1	8810.3
7.5°	10359.9	10082.2	9690.4	9297.6	8944.2	8529.3	8143.0
10°	10257.8	9841.9	9332.7	8822.4	8393.3	7915.9	7486.8
12.5°	10062.5	9620.2	9059.4	8497.5	8009.2	7496.6	7016.0
15°	9793.6	9440.2	8914.5	8388.9	7897.2	7399.0	6829.4
17.5°	9499.5	9331.6	8951.9	8571.0	8145.2	7662.4	6994.0
20°	9262.4	9323.9	9172.4	9021.0	8679.7	8258.3	7507.6
22.5°	9102.2	9397.4	9513.7	9631.2	9426.0	9096.7	8228.6
25°	9012.2	9501.7	9891.3	10282.0	10190.9	9937.4	9104.4
27.5°	9051.7	9652.0	10256.7	10862.5	10947.0	10876.8	10027.4
30°	9170.2	9778.2	10514.6	11252.1	11589.0	11683.4	10796.7
32.5°	9367.8	9963.7	10765.9	11569.3	12078.5	12379.2	11500.1
35°	9666.3	10223.8	11060.0	11896.3	12554.8	13103.5	12226.6
37.5°	10178.8	10658.4	11429.9	12202.5	13056.3	13880.5	13026.7
40°	10929.5	11268.6	11920.4	12573.4	13647.8	14760.6	13918.9
42.5°	11876.5	12051.0	12567.9	13084.8	14265.7	15559.6	14791.4
45°	12902.7	12948.7	13273.6	13599.5	14755.1	16103.9	15446.5
47.5°	13890.4	13732.3	13861.8	13991.3	15130.5	16492.4	15943.7
50°	14906.6	14466.5	14398.5	14330.4	15505.8	16950.0	16575.8
52.5°	15940.4	15215.0	14946.1	14676.1	15953.6	17556.9	17362.7
55°	16952.2	16029.3	15667.1	15305.0	16638.4	18297.7	18518.3
57.5°	18004.7	16958.8	16623.0	16287.2	17644.7	19236.0	19555.4
60°	19137.2	18101.3	17832.4	17562.4	18895.8	20250.0	20017.4
62.5°	20211.6	19388.6	19247.0	19104.3	20161.2	21029.2	19837.4
65°	20929.4	20459.7	20591.4	20724.1	21118.1	21223.5	19310.6
67.5°	20449.8	20545.3	21101.7	21659.2	21388.1	20646.2	18272.5
70°	17785.2	18358.1	19676.1	20995.2	20393.8	19099.9	16409.0
72.5°	13815.7	14459.9	16416.7	18374.5	17820.3	16235.6	13477.7
75°	10264.4	10992.0	13151.8	15311.5	14542.2	12144.3	9649.8
77.5°	7281.5	7768.8	9901.1	12034.6	10780.2	8083.8	6493.6
80°	5300.7	5151.4	6339.9	7528.5	7320.0	5346.8	4170.3
82.5°	4081.4	3717.0	4276.7	4836.4	4805.7	3710.5	3059.7
85°	3110.2	2964.2	3459.1	3954.1	3530.5	2513.1	1944.7
87.5°	1813.0	2039.1	2621.8	3205.6	2405.6	762.7	377.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320552

CATALOG NUMBER: GAN-SA8A-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)