

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: P320581

Luminaire Tested: **GAN-SA7D-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320581
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-SA7D-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 2700K, 1200mA 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: 40334 lumens
Efficiency: N/A
Efficacy: 90.0 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

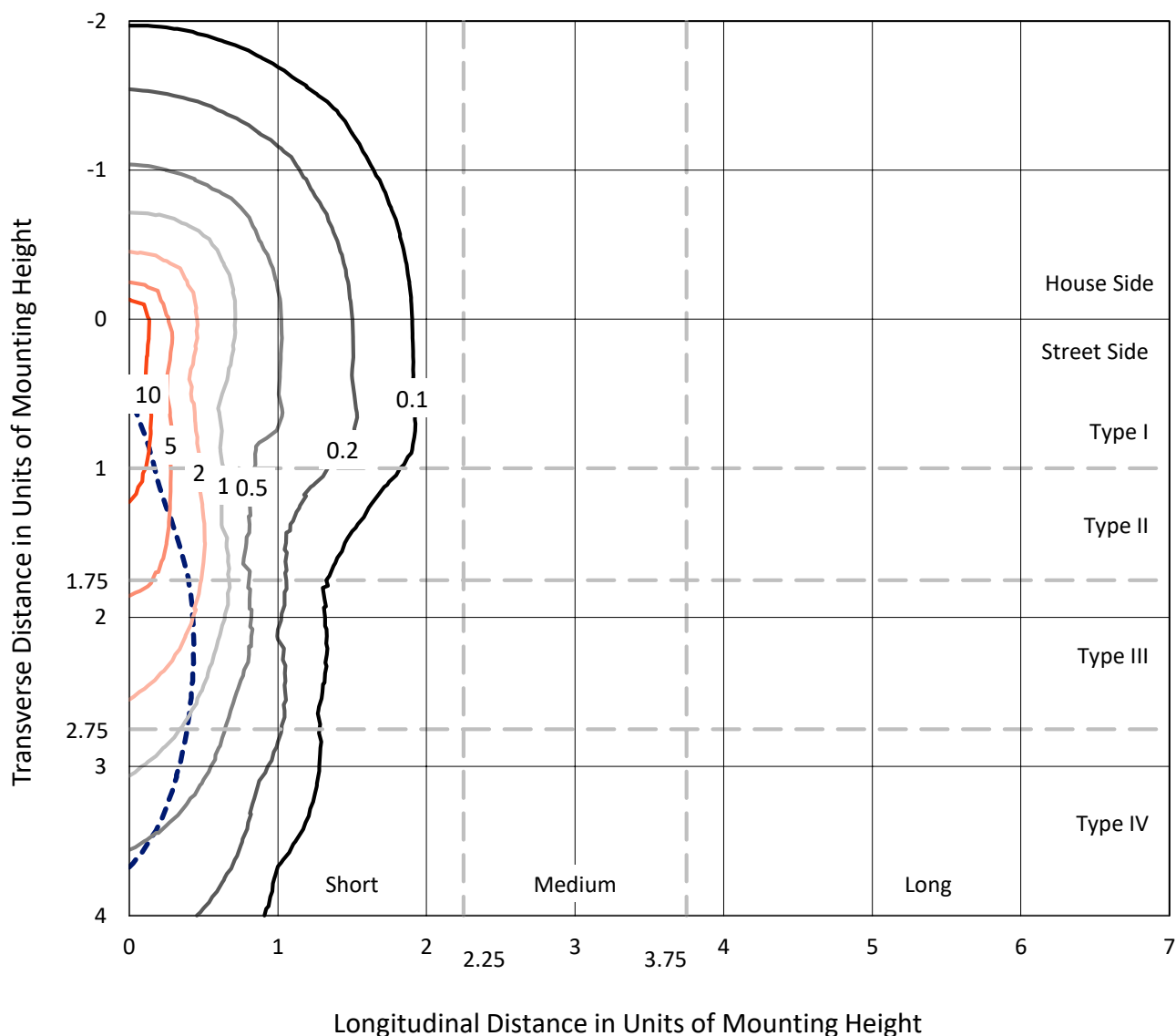
Input Watts (W): 448
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

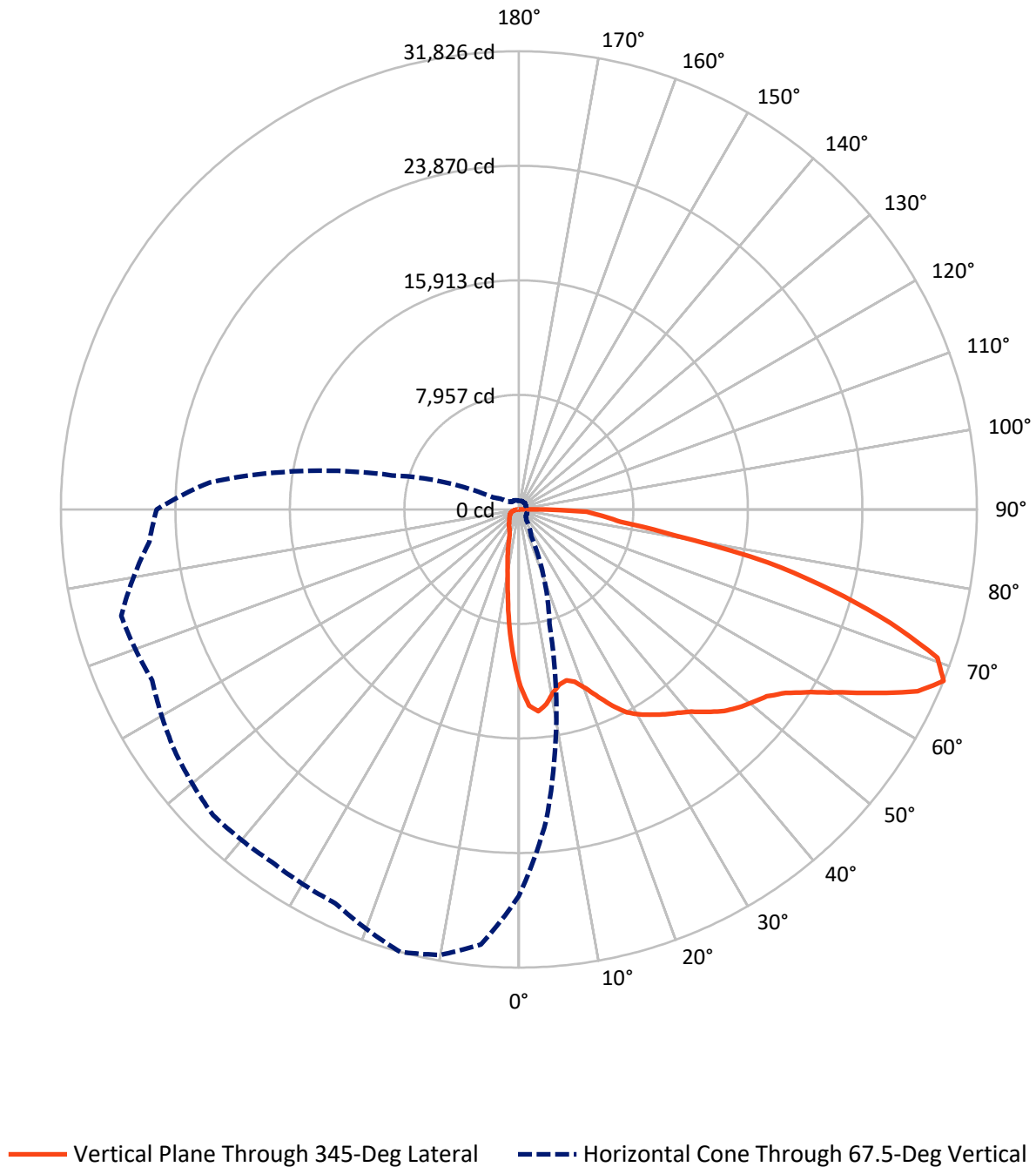
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.7 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	6972.9	0.0	6972.9
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	33361.1	0.0	33361.1
	% Fixture	82.7	0.0	82.7
Total	Lumens	40334.0	0.0	40334.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	948.4	2.4
10°-20°	1970.1	4.9
20°-30°	2801.9	6.9
30°-40°	4037.6	10.0
40°-50°	5690.1	14.1
50°-60°	7910.2	19.6
60°-70°	9565.8	23.7
70°-80°	5879.9	14.6
80°-90°	1530.0	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°	40334.0	100.0
0°-180°	40334.0	100.0

Coefficient of Utilization



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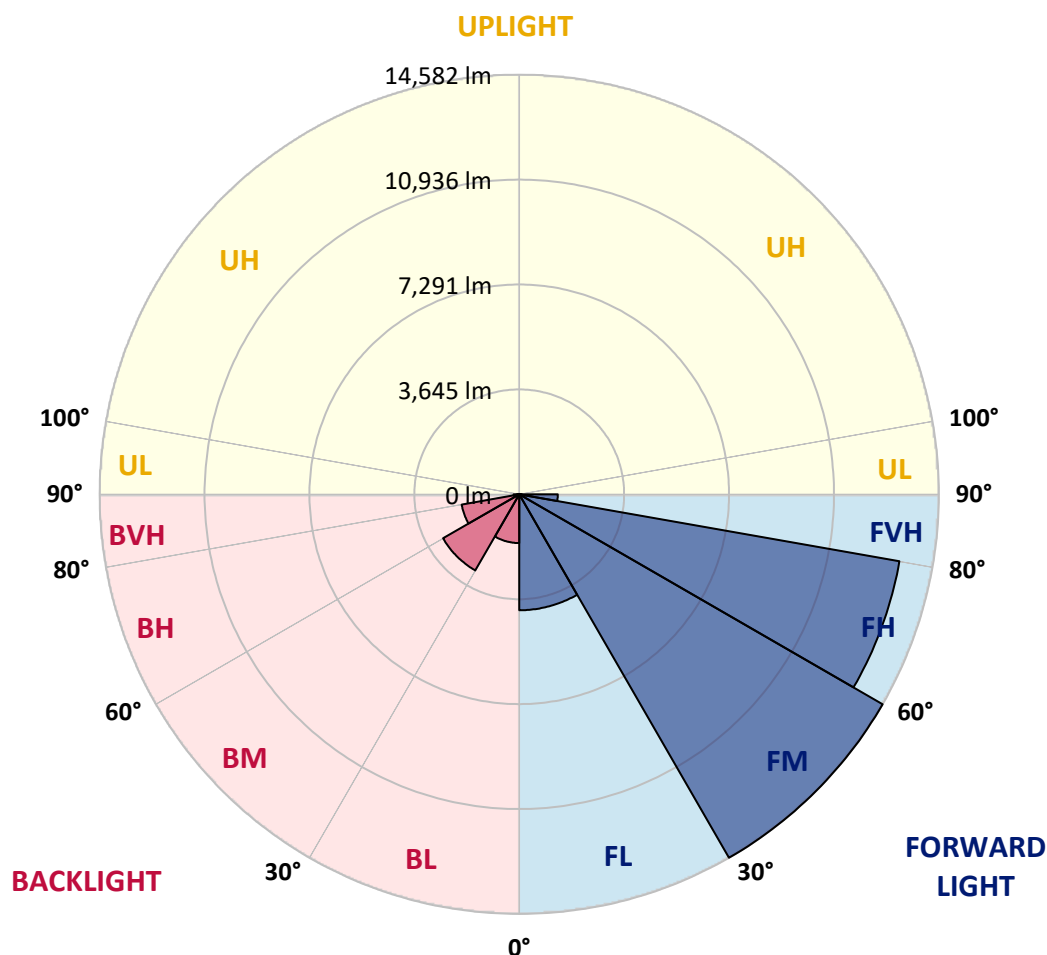
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4027.4	10.0			
FM	(30°-60°)	14581.8	36.2			
FH	(60°-80°)	13413.7	33.3			G5
FVH	(80°-90°)	1338.2	3.3			G5
BL	(0°-30°)	1693.0	4.2	B3/2500		
BM	(30°-60°)	3056.1	7.6	B3/5000		
BH	(60°-80°)	2032.0	5.0	B3/2500		G3/2500
BVH	(80°-90°)	191.8	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°	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0
2.5°	13163.7	13047.6	12871.8	12696.0	12565.4	12433.2	12283.2	12133.2	11962.3	11789.7	11688.1
5°	12946.0	12623.5	12204.2	11784.9	11507.5	11230.2	10915.7	10601.3	10290.0	9978.8	9811.1
7.5°	11965.5	11481.7	10936.7	10391.6	9988.5	9583.7	9148.3	8711.3	8324.3	7935.6	7695.3
10°	11001.2	10420.6	9794.9	9167.6	8651.6	8135.6	7698.6	7259.9	6968.1	6676.2	6455.2
12.5°	10309.4	9665.9	8977.4	8287.2	7771.1	7255.1	6977.7	6700.4	6458.5	6216.6	5961.8
15°	10035.2	9307.9	8603.2	7896.9	7427.6	6958.4	6650.4	6340.8	6016.6	5690.9	5378.0
17.5°	10277.1	9425.7	8659.7	7893.7	7279.3	6664.9	6234.3	5802.1	5374.8	4947.5	4584.6
20°	11031.8	9944.9	8943.5	7940.5	7122.9	6305.3	5728.0	5149.0	4600.8	4052.5	3641.3
22.5°	12091.3	10652.9	9345.0	8037.2	6981.0	5923.1	5199.0	4473.4	3825.1	3176.8	2773.7
25°	13378.2	11591.4	9924.0	8254.9	6922.9	5589.3	4699.1	3809.0	3125.2	2439.9	2152.8
27.5°	14734.4	12710.5	10643.2	8574.2	6932.6	5290.9	4278.2	3263.9	2647.9	2031.9	1835.1
30°	15864.8	13989.3	11481.7	8972.5	6969.7	4966.8	3881.5	2796.3	2288.3	1780.3	1652.9
32.5°	16898.5	14881.1	12113.9	9345.0	7011.6	4676.5	3575.1	2472.1	2057.7	1641.6	1536.8
35°	17966.0	15672.9	12555.7	9437.0	6939.0	4439.5	3365.5	2291.5	1909.3	1525.5	1436.8
37.5°	19141.6	16529.2	12981.5	9432.1	6816.5	4200.8	3202.6	2202.8	1812.6	1420.7	1356.2
40°	20452.6	17475.8	13442.7	9409.5	6705.2	3999.3	3081.7	2162.5	1759.3	1354.6	1299.8
42.5°	21734.7	18378.8	13871.6	9364.4	6614.9	3863.8	2962.4	2060.9	1711.0	1359.4	1282.0
45°	22697.4	19167.4	14244.1	9319.2	6547.2	3775.1	2868.8	1962.5	1665.8	1369.1	1270.7
47.5°	23427.9	19959.2	14656.9	9353.1	6540.7	3728.3	2802.7	1877.1	1580.4	1282.0	1241.7
50°	24356.8	20910.6	15258.4	9606.3	6629.4	3652.5	2725.3	1796.4	1498.1	1199.8	1254.6
52.5°	25513.0	22268.4	16190.5	10111.0	6814.9	3518.7	2602.7	1686.8	1398.1	1107.9	1193.3
55°	27211.1	24008.4	17382.2	10754.4	7039.0	3322.0	2417.3	1511.0	1265.9	1019.2	1095.0
57.5°	28735.0	25766.2	18525.6	11283.4	7179.3	3073.6	2183.5	1293.3	1117.5	941.8	985.3
60°	29413.9	26672.4	19061.0	11447.9	7095.5	2743.0	1920.6	1096.6	986.9	877.3	869.2
62.5°	29149.4	26096.7	18533.6	10970.5	6685.9	2401.2	1688.4	975.6	893.4	809.5	791.8
65°	28375.4	24287.4	17056.5	9825.6	5994.0	2162.5	1541.6	920.8	828.9	737.0	717.6
67.5°	26849.8	21712.1	14963.3	8214.6	5115.2	2015.8	1457.8	899.8	788.6	675.7	653.1
70°	24111.6	18612.7	12552.5	6490.7	4208.9	1925.4	1403.0	880.5	745.0	608.0	587.0
72.5°	19804.4	14923.0	10023.9	5123.2	3518.7	1914.2	1396.5	878.9	709.5	540.2	520.9
75°	14179.6	11335.0	7651.8	3967.0	2881.7	1796.4	1325.6	854.7	661.2	466.0	448.3
77.5°	9541.8	7845.3	5318.4	2789.8	2138.3	1486.8	1114.3	741.8	566.0	390.2	372.5
80°	6127.9	5429.6	3563.9	1698.1	1386.8	1075.6	796.6	517.6	412.8	306.4	291.9
82.5°	4495.9	4041.2	2477.0	912.7	770.8	627.3	487.0	346.7	282.2	217.7	211.3
85°	2857.5	3151.0	1823.9	496.7	406.4	316.1	261.2	206.4	162.9	119.3	119.3
87.5°	554.7	767.6	504.7	240.3	175.8	111.3	95.1	77.4	43.5	8.1	9.7
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



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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°	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0
2.5°	11584.9	11473.7	11362.4	11236.6	11109.2	10991.5	10872.2	10741.5	10765.7	10665.8	10565.8
5°	9643.4	9466.0	9287.0	9132.2	8977.4	8843.5	8708.1	8587.1	8691.9	8621.0	8550.0
7.5°	7453.4	7234.1	7013.2	6827.8	6642.3	6498.8	6353.7	6253.7	6356.9	6344.0	6331.1
10°	6234.3	6021.5	5807.0	5602.2	5397.4	5223.2	5047.4	4899.1	4873.3	4799.1	4723.3
12.5°	5705.4	5413.5	5120.0	4905.5	4691.1	4483.0	4275.0	4100.8	4021.8	3899.3	3775.1
15°	5065.2	4720.1	4375.0	4131.5	3886.4	3684.8	3481.6	3331.6	3281.6	3186.5	3091.4
17.5°	4221.8	3844.4	3467.1	3220.4	2972.0	2810.8	2647.9	2547.9	2547.9	2520.5	2493.1
20°	3230.0	2893.0	2556.0	2367.3	2178.6	2093.2	2006.1	1964.2	1977.1	1978.7	1978.7
22.5°	2368.9	2162.5	1956.1	1880.3	1802.9	1772.3	1741.6	1723.9	1730.3	1731.9	1733.5
25°	1865.8	1786.8	1706.1	1667.4	1627.1	1607.8	1588.4	1582.0	1596.5	1598.1	1598.1
27.5°	1638.4	1590.0	1540.0	1515.8	1490.0	1482.0	1473.9	1462.6	1477.1	1477.1	1475.5
30°	1523.9	1472.3	1420.7	1390.1	1359.4	1362.6	1364.3	1361.0	1370.7	1377.2	1382.0
32.5°	1430.4	1380.4	1330.4	1299.8	1267.5	1262.7	1257.8	1254.6	1275.6	1286.9	1298.1
35°	1346.5	1291.7	1236.9	1207.8	1178.8	1167.5	1156.2	1148.2	1167.5	1182.0	1196.6
37.5°	1290.1	1233.6	1175.6	1148.2	1119.1	1104.6	1090.1	1080.4	1088.5	1095.0	1101.4
40°	1244.9	1186.9	1127.2	1095.0	1062.7	1048.2	1033.7	1025.6	1030.5	1032.1	1033.7
42.5°	1203.0	1146.6	1090.1	1054.6	1017.6	999.8	982.1	972.4	975.6	978.8	980.5
45°	1172.4	1115.9	1057.9	1015.9	972.4	953.0	933.7	922.4	924.0	924.0	924.0
47.5°	1201.4	1119.1	1035.3	986.9	936.9	914.3	891.8	880.5	877.3	874.0	870.8
50°	1307.8	1167.5	1025.6	964.3	901.4	877.3	851.5	838.6	830.5	827.3	824.0
52.5°	1277.2	1156.2	1033.7	954.7	874.0	845.0	816.0	795.0	787.0	782.1	777.3
55°	1169.1	1093.3	1015.9	920.8	825.7	799.9	772.4	757.9	743.4	740.2	737.0
57.5°	1027.2	996.6	965.9	869.2	772.4	748.2	722.4	712.8	699.9	699.9	698.3
60°	859.5	904.7	949.8	838.6	725.7	698.3	670.8	662.8	657.9	656.3	654.7
62.5°	772.4	846.6	919.2	801.5	682.1	653.1	624.1	614.4	612.8	614.4	614.4
65°	698.3	720.8	743.4	688.6	633.8	604.7	574.1	564.4	567.6	572.5	577.3
67.5°	630.5	625.7	620.9	601.5	580.5	556.3	530.5	520.9	522.5	528.9	535.4
70°	566.0	559.6	551.5	537.0	522.5	501.5	480.6	474.1	472.5	480.6	487.0
72.5°	501.5	493.5	483.8	472.5	459.6	441.9	424.1	419.3	420.9	425.7	430.6
75°	430.6	424.1	416.1	406.4	395.1	379.0	362.8	359.6	362.8	367.7	372.5
77.5°	353.2	351.5	348.3	340.3	332.2	314.5	295.1	293.5	298.3	303.2	306.4
80°	275.8	277.4	279.0	272.5	266.1	246.7	225.8	224.2	229.0	233.8	238.7
82.5°	203.2	208.0	211.3	203.2	195.1	172.5	150.0	146.7	162.9	167.7	172.5
85°	117.7	124.2	130.6	124.2	117.7	95.1	72.6	71.0	85.5	93.5	101.6
87.5°	9.7	12.9	16.1	14.5	12.9	6.5	0.0	0.0	1.6	8.1	14.5
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: P320581
 CATALOG NUMBER: GAN-SA7D-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: P320581

CATALOG NUMBER: GAN-SA7D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0
2.5°	10502.9	10440.0	10420.6	10401.3	10330.3	10257.8	10331.9	10404.5	10435.2	10465.8	10386.8
5°	8540.3	8529.1	8529.1	8527.4	8462.9	8396.8	8446.8	8495.2	8387.1	8279.1	8267.8
7.5°	6400.4	6469.8	6526.2	6581.0	6560.1	6539.1	6585.9	6632.6	6495.6	6356.9	6289.2
10°	4739.4	4754.0	4815.2	4876.5	4891.0	4903.9	4962.0	5018.4	4912.0	4805.6	4758.8
12.5°	3697.7	3620.3	3628.4	3634.8	3663.8	3691.2	3752.5	3812.2	3768.7	3723.5	3728.3
15°	2994.6	2896.2	2855.9	2814.0	2846.2	2878.5	2922.0	2964.0	2965.6	2965.6	3007.5
17.5°	2444.7	2394.7	2354.4	2312.5	2356.0	2397.9	2402.8	2407.6	2409.2	2410.8	2407.6
20°	2002.9	2027.0	2014.1	2001.2	2017.4	2031.9	2044.8	2056.1	2041.6	2025.4	1985.1
22.5°	1756.1	1777.1	1793.2	1807.7	1835.1	1860.9	1848.0	1833.5	1804.5	1773.9	1743.2
25°	1612.6	1627.1	1643.2	1659.4	1681.9	1702.9	1680.3	1657.8	1636.8	1615.8	1594.9
27.5°	1491.7	1506.2	1520.7	1533.6	1554.5	1573.9	1552.9	1532.0	1514.2	1496.5	1480.4
30°	1393.3	1403.0	1414.3	1425.5	1444.9	1462.6	1444.9	1425.5	1412.6	1398.1	1386.8
32.5°	1309.4	1319.1	1323.9	1328.8	1346.5	1364.3	1351.4	1338.5	1327.2	1315.9	1307.8
35°	1217.5	1236.9	1240.1	1243.3	1261.1	1278.8	1270.7	1261.1	1248.2	1235.3	1220.7
37.5°	1124.0	1146.6	1159.5	1170.7	1188.5	1206.2	1198.2	1190.1	1172.4	1154.6	1128.8
40°	1045.0	1054.6	1078.8	1101.4	1130.4	1157.8	1141.7	1124.0	1096.6	1069.2	1056.3
42.5°	978.8	977.2	999.8	1022.4	1065.9	1107.9	1078.8	1049.8	1024.0	998.2	995.0
45°	920.8	916.0	927.2	938.5	985.3	1030.5	1001.4	970.8	956.3	941.8	941.8
47.5°	869.2	866.0	874.0	880.5	909.5	936.9	922.4	907.9	899.8	891.8	893.4
50°	822.4	819.2	827.3	833.7	845.0	854.7	857.9	859.5	854.7	849.8	853.1
52.5°	778.9	778.9	782.1	783.7	798.2	812.8	812.8	811.1	811.1	811.1	814.4
55°	741.8	745.0	745.0	745.0	767.6	788.6	782.1	775.7	777.3	777.3	780.5
57.5°	704.7	709.5	712.8	716.0	738.6	761.1	754.7	748.2	748.2	748.2	749.9
60°	662.8	669.2	675.7	682.1	704.7	727.3	720.8	712.8	714.4	716.0	717.6
62.5°	622.5	628.9	635.4	641.8	664.4	687.0	680.5	672.5	677.3	680.5	680.5
65°	583.8	588.6	595.1	601.5	622.5	643.4	637.0	630.5	637.0	641.8	645.0
67.5°	540.2	543.4	549.9	556.3	577.3	598.3	591.8	583.8	591.8	598.3	604.7
70°	490.2	493.5	501.5	508.0	528.9	549.9	541.8	533.8	541.8	549.9	556.3
72.5°	435.4	438.6	446.7	453.1	477.3	501.5	491.8	482.2	491.8	501.5	504.7
75°	375.7	379.0	388.6	396.7	420.9	445.1	437.0	427.3	435.4	443.5	445.1
77.5°	311.2	316.1	329.0	341.9	361.2	380.6	375.7	370.9	375.7	380.6	380.6
80°	243.5	248.3	264.5	279.0	290.3	301.6	303.2	304.8	306.4	308.0	306.4
82.5°	180.6	187.1	201.6	216.1	216.1	216.1	229.0	240.3	240.3	238.7	237.1
85°	111.3	119.3	132.2	145.1	137.1	129.0	150.0	169.3	169.3	167.7	164.5
87.5°	22.6	30.6	43.5	54.8	46.8	38.7	59.7	80.6	82.2	82.2	79.0
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: P320581
 CATALOG NUMBER: GAN-SA7D-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: P320581

CATALOG NUMBER: GAN-SA7D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0
2.5°	10306.1	10431.9	10556.1	10588.3	10636.7	10657.7	10677.0	10835.1	10991.5	11175.3	11359.2
5°	8254.9	8348.4	8442.0	8456.5	8506.5	8532.3	8558.1	8750.0	8940.3	9196.7	9453.1
7.5°	6221.4	6244.0	6266.6	6263.3	6305.3	6361.7	6416.5	6621.3	6824.5	7100.3	7374.4
10°	4712.0	4763.6	4813.6	4860.4	4952.3	5058.7	5163.6	5373.2	5582.8	5855.4	6126.3
12.5°	3733.2	3792.8	3850.9	3902.5	4008.9	4150.8	4291.1	4542.7	4794.3	5120.0	5444.1
15°	3047.8	3043.0	3038.1	3073.6	3167.2	3322.0	3475.2	3741.2	4007.3	4365.3	4721.7
17.5°	2404.4	2380.2	2356.0	2383.4	2470.5	2597.9	2723.7	2949.5	3173.6	3520.3	3867.0
20°	1944.8	1928.7	1912.5	1938.3	1993.2	2046.4	2099.6	2262.5	2423.7	2705.9	2986.5
22.5°	1711.0	1709.4	1706.1	1720.6	1746.4	1773.9	1799.7	1878.7	1956.1	2138.3	2318.9
25°	1573.9	1572.3	1570.7	1577.1	1598.1	1619.1	1640.0	1691.6	1743.2	1830.3	1917.4
27.5°	1464.2	1461.0	1457.8	1459.4	1464.2	1496.5	1527.1	1551.3	1573.9	1633.6	1691.6
30°	1375.6	1373.9	1372.3	1372.3	1367.5	1378.8	1390.1	1427.2	1462.6	1523.9	1585.2
32.5°	1299.8	1291.7	1283.6	1265.9	1254.6	1270.7	1286.9	1325.6	1364.3	1420.7	1477.1
35°	1204.6	1183.7	1161.1	1151.4	1153.0	1169.1	1185.3	1224.0	1261.1	1322.3	1382.0
37.5°	1101.4	1095.0	1086.9	1085.3	1090.1	1106.2	1122.4	1156.2	1188.5	1249.8	1309.4
40°	1043.4	1040.1	1036.9	1033.7	1036.9	1053.0	1069.2	1101.4	1132.0	1191.7	1249.8
42.5°	991.8	990.1	988.5	988.5	990.1	1007.9	1025.6	1057.9	1088.5	1141.7	1194.9
45°	941.8	943.4	943.4	946.6	951.4	969.2	985.3	1020.8	1056.3	1107.9	1159.5
47.5°	895.0	899.8	903.1	911.1	916.0	935.3	953.0	991.8	1030.5	1095.0	1157.8
50°	854.7	859.5	862.7	869.2	882.1	904.7	927.2	974.0	1019.2	1127.2	1233.6
52.5°	817.6	822.4	827.3	833.7	849.8	875.6	901.4	959.5	1015.9	1141.7	1267.5
55°	783.7	788.6	791.8	801.5	817.6	840.2	861.1	932.1	1003.0	1095.0	1186.9
57.5°	751.5	756.3	759.5	766.0	774.0	798.2	820.8	896.6	972.4	1036.9	1099.8
60°	717.6	720.8	722.4	722.4	728.9	756.3	783.7	880.5	975.6	964.3	951.4
62.5°	680.5	683.7	685.4	680.5	688.6	717.6	746.6	872.4	998.2	920.8	843.4
65°	646.7	645.0	643.4	638.6	648.3	677.3	704.7	767.6	830.5	799.9	769.2
67.5°	609.6	604.7	599.9	593.4	603.1	628.9	653.1	674.1	695.0	698.3	701.5
70°	562.8	556.3	549.9	548.3	553.1	574.1	595.1	609.6	622.5	628.9	633.8
72.5°	508.0	503.1	498.3	495.1	496.7	514.4	530.5	543.4	556.3	561.2	564.4
75°	446.7	446.7	445.1	435.4	435.4	449.9	462.8	474.1	485.4	491.8	498.3
77.5°	380.6	382.2	382.2	369.3	367.7	382.2	395.1	404.8	412.8	419.3	424.1
80°	304.8	301.6	298.3	290.3	287.0	304.8	320.9	329.0	335.4	337.0	337.0
82.5°	233.8	227.4	219.3	201.6	203.2	222.5	240.3	246.7	253.2	253.2	253.2
85°	159.6	146.7	132.2	117.7	119.3	140.3	159.6	166.1	172.5	175.8	177.4
87.5°	75.8	62.9	48.4	37.1	37.1	54.8	71.0	74.2	77.4	83.9	90.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320581
 CATALOG NUMBER: GAN-SA7D-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: P320581

CATALOG NUMBER: GAN-SA7D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0
2.5°	11499.5	11638.2	11781.7	11925.2	12089.7	12254.2	12446.1	12636.4	12799.2	12962.1	13097.6
5°	9674.0	9894.9	10154.6	10414.2	10744.8	11075.4	11480.1	11883.3	12242.9	12602.5	13020.2
7.5°	7663.1	7950.1	8288.8	8627.4	9054.8	9482.1	10006.2	10530.3	11038.3	11544.6	12186.4
10°	6427.8	6729.4	7063.2	7395.4	7830.8	8264.6	8819.3	9372.4	9943.3	10512.6	11238.2
12.5°	5779.6	6113.4	6406.9	6700.4	7053.5	7405.1	7942.1	8479.1	9149.9	9819.1	10517.4
15°	5087.8	5452.2	5803.8	6155.3	6540.7	6924.5	7447.0	7969.5	8703.2	9437.0	10240.0
17.5°	4250.8	4634.6	5063.6	5490.9	5994.0	6495.6	7164.8	7834.0	8703.2	9570.8	10517.4
20°	3378.4	3770.3	4283.1	4795.9	5421.6	6045.6	6913.2	7780.8	8951.6	10120.7	11328.5
22.5°	2665.6	3010.7	3570.3	4128.3	4850.7	5573.2	6685.9	7796.9	9327.3	10856.0	12486.4
25°	2160.9	2404.4	2954.3	3502.6	4336.3	5170.0	6547.2	7922.7	9874.0	11823.6	13845.8
27.5°	1851.3	2010.9	2523.7	3034.9	3946.0	4855.5	6490.7	8124.3	10567.4	13010.5	15324.6
30°	1696.5	1807.7	2241.5	2673.7	3599.3	4525.0	6423.0	8321.0	11235.0	14147.4	16480.8
32.5°	1567.4	1656.1	2027.0	2396.3	3299.4	4202.4	6292.4	8380.7	11701.0	15021.4	17459.6
35°	1457.8	1532.0	1854.5	2177.0	3063.9	3950.9	6073.1	8195.2	11992.9	15790.6	18478.8
37.5°	1369.1	1427.2	1725.5	2023.8	2860.8	3697.7	5823.1	7948.5	12252.6	16556.6	19625.4
40°	1299.8	1349.7	1628.7	1907.7	2667.2	3426.8	5608.6	7788.9	12610.6	17432.2	20836.4
42.5°	1261.1	1325.6	1544.9	1762.6	2483.4	3204.2	5436.1	7667.9	12942.7	18216.0	21895.9
45°	1251.4	1343.3	1501.3	1659.4	2346.3	3033.3	5282.9	7530.9	13157.2	18783.6	22694.2
47.5°	1235.3	1311.0	1467.5	1623.9	2278.6	2931.7	5200.6	7468.0	13371.7	19273.8	23356.9
50°	1244.9	1254.6	1440.1	1623.9	2268.9	2914.0	5294.2	7674.4	13836.1	19996.3	24114.9
52.5°	1227.2	1185.3	1388.5	1591.6	2267.3	2943.0	5563.5	8184.0	14698.9	21212.2	24935.7
55°	1133.7	1078.8	1291.7	1504.6	2233.5	2960.7	5884.4	8806.4	15856.7	22905.4	26411.2
57.5°	1051.4	1001.4	1182.0	1361.0	2130.2	2899.5	6215.0	9528.9	17080.7	24630.9	28073.8
60°	941.8	930.5	1059.5	1188.5	1970.6	2751.1	6487.5	10222.3	17903.1	25582.3	28714.0
62.5°	851.5	857.9	953.0	1048.2	1770.6	2491.5	6577.8	10662.5	17880.5	25098.5	28069.0
65°	782.1	793.4	886.9	980.5	1599.7	2218.9	6281.1	10341.6	16975.9	23608.5	26793.4
67.5°	714.4	727.3	838.6	948.2	1448.1	1946.4	5539.3	9130.6	15348.8	21565.3	25171.1
70°	649.9	666.0	787.0	907.9	1338.5	1767.4	4583.0	7398.6	13312.0	19223.8	23292.4
72.5°	580.5	596.7	725.7	854.7	1269.1	1681.9	3736.4	5789.2	10802.8	15814.8	19923.7
75°	509.6	520.9	661.2	799.9	1174.0	1548.1	2931.7	4313.7	8267.8	12221.9	15048.8
77.5°	438.6	453.1	570.9	687.0	996.6	1304.6	2209.3	3113.9	6066.6	9017.7	10465.8
80°	349.9	362.8	446.7	528.9	769.2	1007.9	1519.1	2030.3	4175.0	6319.8	7135.8
82.5°	267.7	282.2	338.6	393.5	548.3	703.1	920.8	1138.5	2773.7	4407.2	4475.0
85°	183.8	188.7	229.0	267.7	338.6	409.6	527.3	645.0	1835.1	3025.2	2520.5
87.5°	91.9	91.9	119.3	146.7	182.2	217.7	279.0	338.6	587.0	835.3	480.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320581
 CATALOG NUMBER: GAN-SA7D-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: P320581

CATALOG NUMBER: GAN-SA7D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0
2.5°	13270.1	13387.8	13507.2	13597.5	13689.4	13821.6	13953.9	13978.0	14003.8	13952.2	13900.6
5°	13441.0	13797.4	14155.4	14486.0	14816.6	15014.9	15213.3	15253.6	15293.9	15169.8	15044.0
7.5°	12807.3	13428.1	14049.0	14618.2	15187.5	15532.6	15879.3	15956.7	16035.7	15832.5	15629.3
10°	11960.7	12723.4	13486.2	14236.1	14985.9	15487.4	15989.0	16088.9	16188.9	15935.7	15682.6
12.5°	11306.0	12120.3	12934.7	13724.9	14516.6	15035.9	15555.2	15679.3	15803.5	15619.7	15434.2
15°	11104.4	11870.4	12636.4	13324.9	14015.1	14439.2	14865.0	14915.0	14966.6	14937.5	14908.5
17.5°	11470.4	12162.2	12855.7	13229.8	13605.5	13774.9	13945.8	14000.6	14057.1	14129.6	14203.8
20°	12357.4	12844.4	13333.0	13316.9	13299.1	13216.9	13133.0	13118.5	13104.0	13312.0	13521.7
22.5°	13681.3	13874.8	14070.0	13616.8	13163.7	12887.9	12610.6	12555.7	12499.3	12720.2	12942.7
25°	15118.2	15082.7	15045.6	14182.8	13318.5	12792.8	12267.1	12205.8	12144.5	12333.2	12523.5
27.5°	16540.5	16308.3	16076.0	14903.7	13731.3	12968.6	12205.8	12144.5	12083.2	12250.9	12418.7
30°	17583.8	17211.3	16838.8	15511.6	14184.5	13278.2	12371.9	12271.9	12170.3	12376.7	12583.1
32.5°	18398.2	17898.3	17398.4	16005.1	14611.8	13631.3	12650.9	12494.4	12338.0	12613.8	12889.5
35°	19210.9	18507.8	17803.1	16445.3	15085.9	14049.0	13010.5	12818.6	12626.7	13005.6	13384.6
37.5°	20233.3	19223.8	18212.7	16940.4	15668.0	14674.7	13679.7	13483.0	13286.2	13768.4	14252.2
40°	21342.8	19996.3	18649.8	17482.2	16314.7	15540.7	14765.0	14577.9	14389.3	14976.2	15563.2
42.5°	22265.2	20715.5	19165.8	18135.3	17103.3	16558.2	16011.5	16009.9	16006.7	16601.7	17196.8
45°	23015.1	21315.4	19614.1	18772.3	17928.9	17645.1	17361.3	17588.7	17816.0	18353.0	18891.6
47.5°	23574.6	21818.5	20060.8	19501.2	18941.6	18983.6	19025.5	19488.3	19951.1	20296.2	20642.9
50°	23939.1	22274.9	20609.1	20436.5	20264.0	20639.7	21017.1	21547.6	22079.8	22315.2	22550.6
52.5°	24469.6	22894.1	21317.0	21510.5	21704.0	22471.6	23239.2	23776.2	24313.2	24400.3	24489.0
55°	25696.8	24032.6	22366.8	22737.7	23110.2	24235.8	25363.0	25782.3	26201.6	26233.8	26266.1
57.5°	27440.0	25627.5	23814.9	24214.8	24614.8	25914.5	27215.9	27667.4	28120.6	28057.7	27993.2
60°	28744.6	27141.7	25537.2	25940.3	26343.5	27611.0	28878.5	29397.7	29918.6	29779.9	29641.3
62.5°	28825.3	27969.0	27111.1	27475.5	27841.6	29083.3	30325.0	30858.8	31392.5	31150.6	30908.8
65°	27543.3	27927.1	28310.9	28431.8	28552.7	29710.6	30870.1	31278.0	31687.6	31565.1	31442.5
67.5°	25777.5	27191.7	28607.6	28364.1	28120.6	28664.0	29207.5	29628.3	30049.2	29979.9	29908.9
70°	24014.9	25903.2	27791.6	26595.0	25396.9	25172.7	24948.6	25401.7	25856.5	25575.9	25293.7
72.5°	21013.8	23026.4	25040.5	22836.1	20631.6	19865.7	19099.7	19675.4	20251.1	19804.4	19356.1
75°	16495.3	18719.1	20944.5	18314.3	15684.2	14661.8	13639.4	14134.5	14629.5	14323.1	14015.1
77.5°	12280.0	14471.5	16663.0	13989.3	11314.0	10554.5	9793.3	9940.1	10088.4	10036.8	9983.6
80°	8329.1	9856.2	11385.0	9604.7	7824.3	7882.4	7942.1	7872.7	7801.8	7905.0	8008.2
82.5°	5315.1	6494.0	7674.4	6729.4	5784.4	6326.2	6868.1	6602.0	6334.3	6432.7	6532.7
85°	3033.3	4186.3	5340.9	4978.1	4613.7	4929.7	5247.4	4834.6	4421.8	4602.4	4784.6
87.5°	799.9	2315.7	3833.2	3480.0	3126.8	2717.2	2307.6	1761.0	1214.3	1773.9	2333.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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: P320581

CATALOG NUMBER: GAN-SA7D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0	12288.0
2.5°	13873.2	13845.8	13747.4	13647.5	13499.1	13376.5	13163.7
5°	14869.8	14695.6	14395.7	14094.1	13758.7	13373.3	12946.0
7.5°	15223.0	14815.0	14239.3	13662.0	13142.7	12533.1	11965.5
10°	15073.0	14461.8	13713.6	12963.7	12333.2	11631.7	11001.2
12.5°	14786.0	14136.1	13312.0	12486.4	11768.8	11015.7	10309.4
15°	14390.9	13871.6	13099.2	12326.7	11604.3	10872.2	10035.2
17.5°	13958.7	13712.0	13154.0	12594.4	11968.7	11259.2	10277.1
20°	13610.4	13700.7	13478.1	13255.6	12754.1	12134.8	11031.8
22.5°	13374.9	13808.7	13979.7	14152.2	13850.6	13366.9	12091.3
25°	13242.7	13961.9	14534.4	15108.5	14974.6	14602.1	13378.2
27.5°	13300.7	14182.8	15071.4	15961.5	16085.7	15982.5	14734.4
30°	13474.9	14368.3	15450.3	16534.0	17029.1	17167.8	15864.8
32.5°	13765.2	14640.8	15819.6	17000.1	17748.3	18190.2	16898.5
35°	14203.8	15023.0	16251.8	17480.6	18448.2	19254.5	17966.0
37.5°	14956.9	15661.6	16795.3	17930.5	19185.1	20396.2	19141.6
40°	16059.9	16558.2	17516.1	18475.6	20054.3	21689.5	20452.6
42.5°	17451.6	17708.0	18467.5	19227.1	20962.2	22863.5	21734.7
45°	18959.4	19027.1	19504.4	19983.4	21681.4	23663.3	22697.4
47.5°	20410.7	20178.5	20368.8	20559.1	22233.0	24234.2	23427.9
50°	21904.0	21257.3	21157.3	21057.4	22784.5	24906.6	24356.8
52.5°	23423.1	22357.1	21962.0	21565.3	23442.4	25798.4	25513.0
55°	24909.9	23553.7	23021.5	22489.4	24448.7	26886.9	27211.1
57.5°	26456.4	24919.5	24426.1	23932.6	25927.4	28265.7	28735.0
60°	28120.6	26598.3	26203.2	25806.5	27765.8	29755.7	29413.9
62.5°	29699.3	28489.9	28281.8	28072.2	29625.1	30900.7	29149.4
65°	30753.9	30063.8	30257.3	30452.4	31031.3	31186.1	28375.4
67.5°	30049.2	30189.5	31007.1	31826.3	31428.0	30337.9	26849.8
70°	26133.8	26975.6	28912.4	30850.7	29967.0	28065.7	24111.6
72.5°	20301.1	21247.7	24122.9	26999.8	26185.4	23856.8	19804.4
75°	15082.7	16151.8	19325.4	22499.0	21368.6	17845.1	14179.6
77.5°	10699.6	11415.6	14548.9	17683.8	15840.6	11878.4	9541.8
80°	7788.9	7569.6	9316.0	11062.5	10756.1	7856.6	6127.9
82.5°	5997.3	5461.9	6284.3	7106.7	7061.6	5452.2	4495.9
85°	4570.1	4355.6	5082.9	5810.2	5187.7	3692.9	2857.5
87.5°	2664.0	2996.2	3852.5	4710.4	3534.8	1120.8	554.7
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: P320581
 CATALOG NUMBER: GAN-SA7D-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)