

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: P320601

Luminaire Tested: **GAN-SA7B-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320601
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-SA7B-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32349 lumens
Efficiency: N/A
Efficacy: 109.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

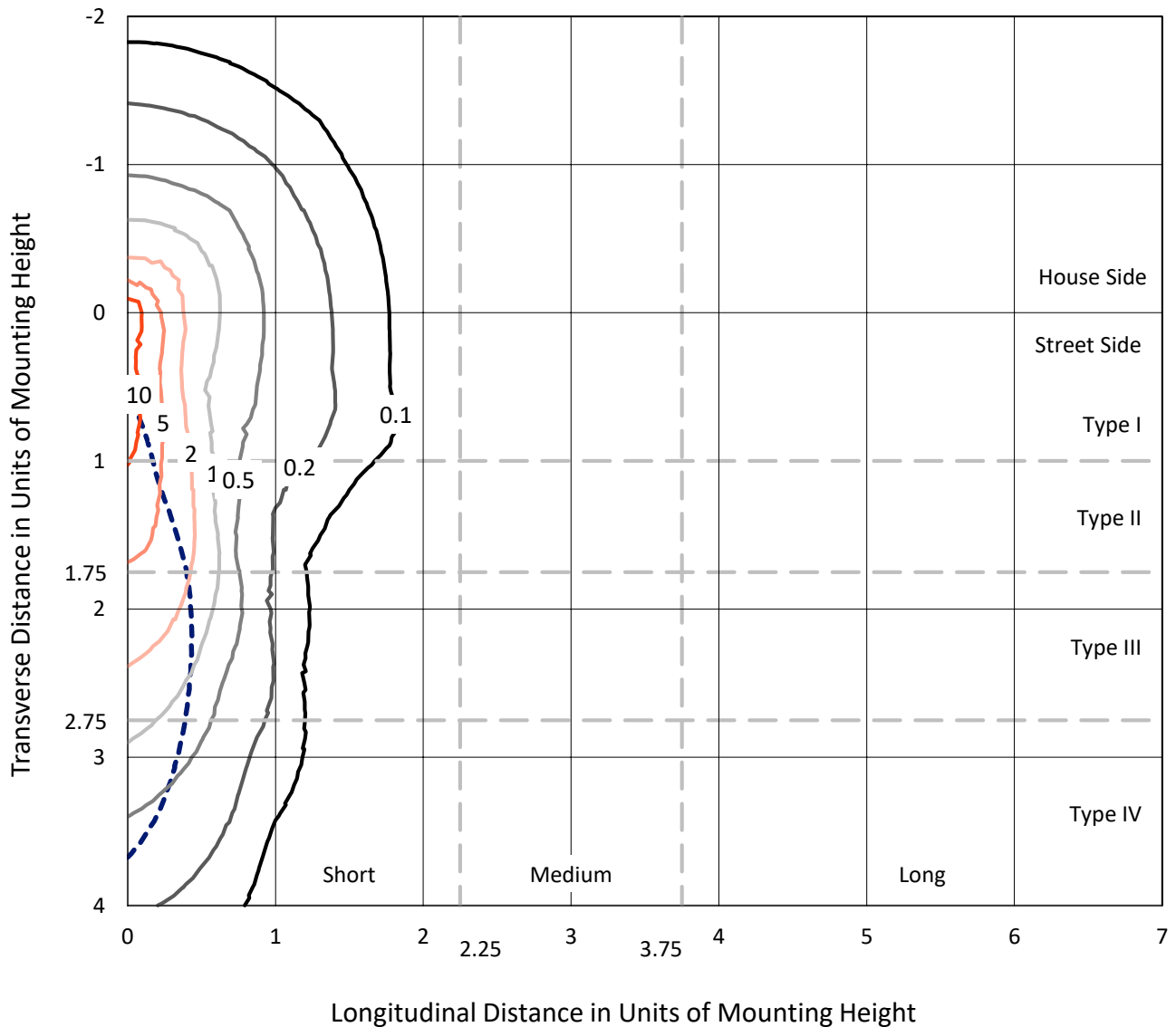
Input Watts (W): 295
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

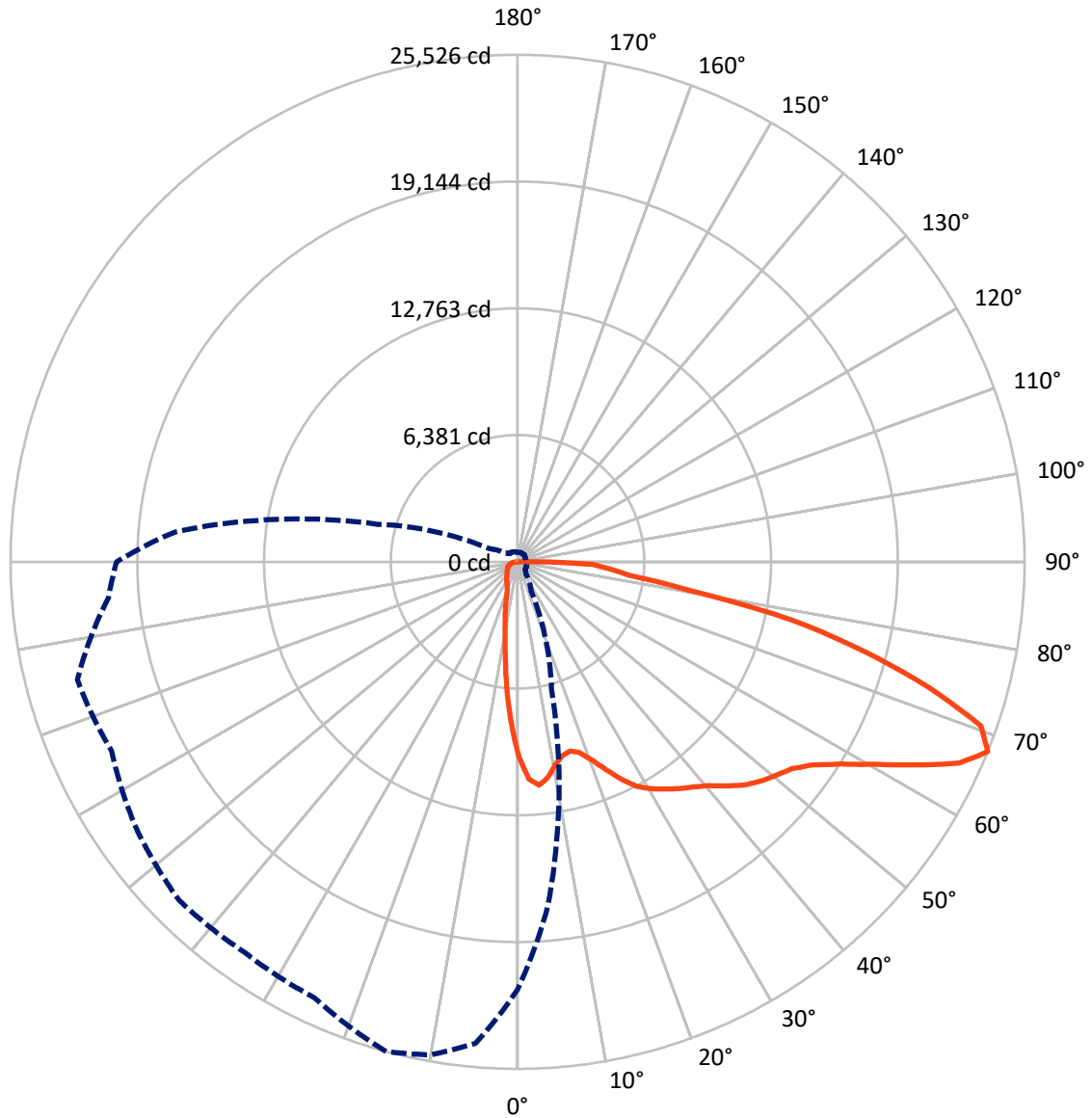
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.8 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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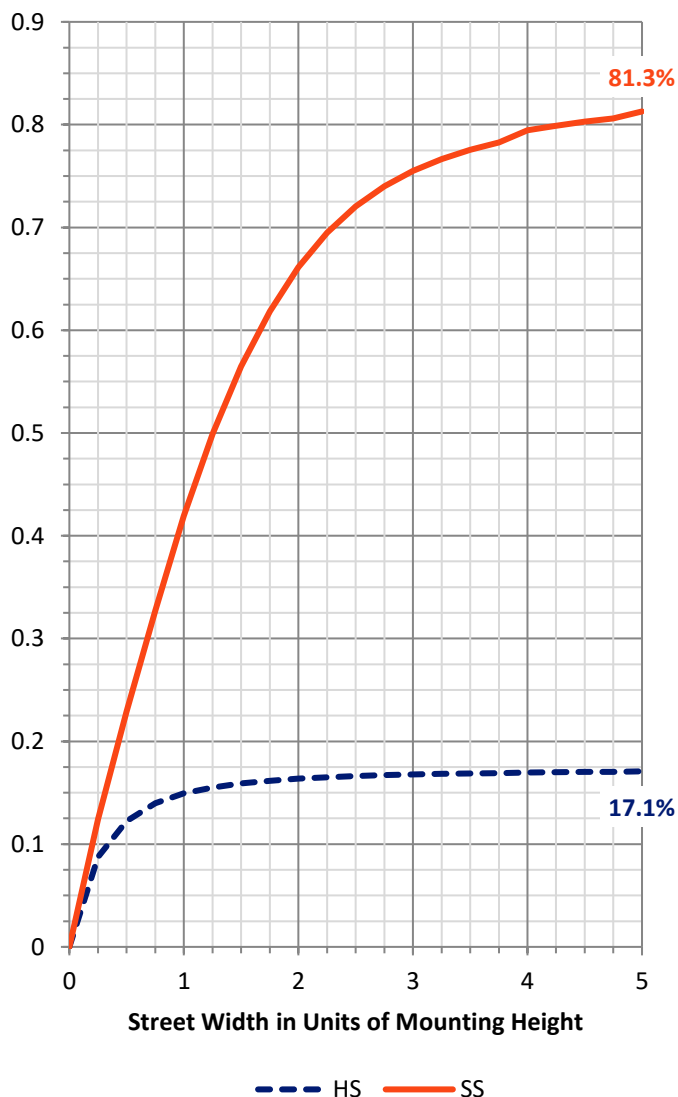
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5592.5	0.0	5592.5
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	26756.5	0.0	26756.5
	% Fixture	82.7	0.0	82.7
Total	Lumens	32349.0	0.0	32349.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	760.6	2.4
10°-20°	1580.1	4.9
20°-30°	2247.2	6.9
30°-40°	3238.2	10.0
40°-50°	4563.6	14.1
50°-60°	6344.2	19.6
60°-70°	7672.0	23.7
70°-80°	4715.9	14.6
80°-90°	1227.1	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°	32349.0	100.0
0°-180°	32349.0	100.0

Coefficient of Utilization

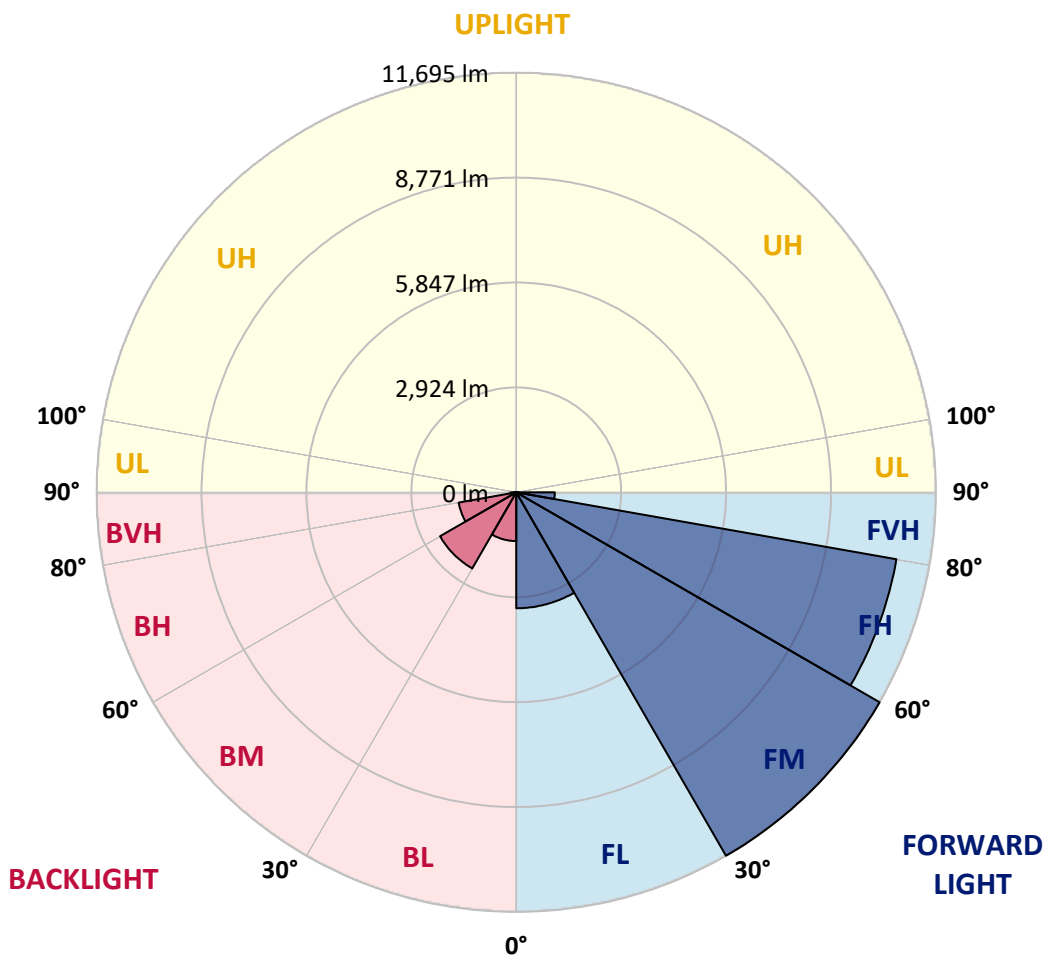


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3230.1	10.0			
FM (30°-60°)	11695.0	36.2			
FH (60°-80°)	10758.2	33.3			G4/12000
FVH (80°-90°)	1073.3	3.3			G5
BL (0°-30°)	1357.8	4.2	B3/2500		
BM (30°-60°)	2451.1	7.6	B2/2500		
BH (60°-80°)	1629.7	5.0	B3/2500		G3/2500
BVH (80°-90°)	153.8	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°	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3
2.5°	10557.6	10464.5	10323.5	10182.6	10077.8	9971.7	9851.5	9731.2	9594.1	9455.7	9374.2
5°	10383.0	10124.4	9788.1	9451.8	9229.4	9006.9	8754.7	8502.5	8252.9	8003.3	7868.8
7.5°	9596.7	9208.7	8771.5	8334.4	8011.0	7686.4	7337.2	6986.7	6676.3	6364.6	6171.9
10°	8823.3	8357.6	7855.8	7352.7	6938.8	6525.0	6174.5	5822.7	5588.6	5354.5	5177.3
12.5°	8268.4	7752.4	7200.1	6646.5	6232.7	5818.8	5596.3	5373.9	5179.9	4985.9	4781.5
15°	8048.5	7465.2	6900.0	6333.5	5957.2	5580.8	5333.8	5085.5	4825.5	4564.2	4313.3
17.5°	8242.5	7559.6	6945.3	6331.0	5838.2	5345.4	5000.1	4653.5	4310.7	3968.0	3677.0
20°	8847.8	7976.1	7172.9	6368.5	5712.7	5057.0	4594.0	4129.7	3689.9	3250.2	2920.4
22.5°	9697.6	8543.9	7495.0	6446.1	5598.9	4750.5	4169.8	3587.8	3067.8	2547.9	2224.6
25°	10729.7	9296.6	7959.3	6620.7	5552.4	4482.8	3768.8	3054.9	2506.5	1956.8	1726.6
27.5°	11817.4	10194.2	8536.1	6876.8	5560.1	4243.5	3431.3	2617.7	2123.7	1629.6	1471.8
30°	12724.0	11219.8	9208.7	7196.2	5589.9	3983.5	3113.1	2242.7	1835.3	1427.9	1325.7
32.5°	13553.0	11935.1	9715.7	7495.0	5623.5	3750.7	2867.4	1982.7	1650.3	1316.6	1232.6
35°	14409.2	12570.1	10070.0	7568.7	5565.3	3560.6	2699.2	1837.9	1531.3	1223.5	1152.4
37.5°	15352.1	13256.9	10411.5	7564.8	5467.0	3369.2	2568.6	1766.7	1453.7	1139.4	1087.7
40°	16403.6	14016.1	10781.4	7546.7	5377.8	3207.5	2471.6	1734.4	1411.0	1086.4	1042.4
42.5°	17431.8	14740.3	11125.4	7510.5	5305.3	3098.9	2375.9	1652.9	1372.2	1090.3	1028.2
45°	18203.9	15372.8	11424.2	7474.3	5251.0	3027.7	2300.9	1574.0	1336.0	1098.1	1019.2
47.5°	18789.8	16007.8	11755.3	7501.4	5245.8	2990.2	2247.8	1505.5	1267.5	1028.2	995.9
50°	19534.8	16770.9	12237.7	7704.5	5317.0	2929.4	2185.8	1440.8	1201.5	962.3	1006.2
52.5°	20462.1	17859.9	12985.3	8109.3	5465.7	2822.1	2087.5	1352.8	1121.3	888.5	957.1
55°	21824.0	19255.4	13941.0	8625.4	5645.5	2664.3	1938.7	1211.9	1015.3	817.4	878.2
57.5°	23046.3	20665.2	14858.0	9049.6	5758.0	2465.1	1751.2	1037.3	896.3	755.3	790.2
60°	23590.8	21392.1	15287.4	9181.5	5690.8	2200.0	1540.4	879.5	791.5	703.6	697.1
62.5°	23378.6	20930.3	14864.5	8798.7	5362.2	1925.8	1354.1	782.5	716.5	649.3	635.0
65°	22757.8	19479.2	13679.8	7880.4	4807.4	1734.4	1236.4	738.5	664.8	591.1	575.5
67.5°	21534.3	17413.7	12001.0	6588.3	4102.5	1616.7	1169.2	721.7	632.4	541.9	523.8
70°	19338.2	14927.9	10067.5	5205.7	3375.7	1544.3	1125.2	706.2	597.5	487.6	470.8
72.5°	15883.7	11968.7	8039.5	4109.0	2822.1	1535.2	1120.0	704.9	569.1	433.3	417.8
75°	11372.4	9091.0	6137.0	3181.6	2311.2	1440.8	1063.1	685.5	530.3	373.8	359.6
77.5°	7652.8	6292.2	4265.5	2237.5	1715.0	1192.5	893.7	594.9	454.0	313.0	298.8
80°	4914.7	4354.7	2858.3	1361.9	1112.3	862.7	638.9	415.2	331.1	245.7	234.1
82.5°	3605.9	3241.1	1986.6	732.0	618.2	503.1	390.6	278.1	226.3	174.6	169.4
85°	2291.8	2527.2	1462.8	398.4	325.9	253.5	209.5	165.5	130.6	95.7	95.7
87.5°	444.9	615.6	404.8	192.7	141.0	89.2	76.3	62.1	34.9	6.5	7.8
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



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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°	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3
2.5°	9291.4	9202.2	9113.0	9012.1	8909.9	8815.5	8719.8	8615.0	8634.4	8554.2	8474.0
5°	7734.2	7592.0	7448.4	7324.3	7200.1	7092.7	6984.1	6887.1	6971.2	6914.3	6857.4
7.5°	5977.9	5802.0	5624.8	5476.1	5327.3	5212.2	5095.8	5015.6	5098.4	5088.0	5077.7
10°	5000.1	4829.4	4657.4	4493.1	4328.9	4189.2	4048.2	3929.2	3908.5	3849.0	3788.2
12.5°	4575.9	4341.8	4106.4	3934.4	3762.4	3595.5	3428.7	3289.0	3225.6	3127.3	3027.7
15°	4062.4	3785.6	3508.9	3313.6	3117.0	2955.3	2792.3	2672.1	2632.0	2555.7	2479.4
17.5°	3386.0	3083.4	2780.7	2582.8	2383.6	2254.3	2123.7	2043.5	2043.5	2021.5	1999.5
20°	2590.6	2320.3	2050.0	1898.6	1747.3	1678.8	1608.9	1575.3	1585.7	1586.9	1586.9
22.5°	1899.9	1734.4	1568.8	1508.0	1446.0	1421.4	1396.8	1382.6	1387.8	1389.1	1390.4
25°	1496.4	1433.0	1368.4	1337.3	1305.0	1289.5	1274.0	1268.8	1280.4	1281.7	1281.7
27.5°	1314.0	1275.2	1235.2	1215.8	1195.1	1188.6	1182.1	1173.1	1184.7	1184.7	1183.4
30°	1222.2	1180.8	1139.4	1114.9	1090.3	1092.9	1094.2	1091.6	1099.3	1104.5	1108.4
32.5°	1147.2	1107.1	1067.0	1042.4	1016.6	1012.7	1008.8	1006.2	1023.0	1032.1	1041.1
35°	1079.9	1036.0	992.0	968.7	945.4	936.4	927.3	920.9	936.4	948.0	959.7
37.5°	1034.7	989.4	942.9	920.9	897.6	885.9	874.3	866.5	873.0	878.2	883.4
40°	998.5	951.9	904.1	878.2	852.3	840.7	829.0	822.6	826.5	827.7	829.0
42.5°	964.8	919.6	874.3	845.9	816.1	801.9	787.7	779.9	782.5	785.1	786.4
45°	940.3	895.0	848.4	814.8	779.9	764.4	748.9	739.8	741.1	741.1	741.1
47.5°	963.5	897.6	830.3	791.5	751.4	733.3	715.2	706.2	703.6	701.0	698.4
50°	1048.9	936.4	822.6	773.4	723.0	703.6	682.9	672.5	666.1	663.5	660.9
52.5°	1024.3	927.3	829.0	765.7	701.0	677.7	654.4	637.6	631.2	627.3	623.4
55°	937.7	876.9	814.8	738.5	662.2	641.5	619.5	607.9	596.2	593.6	591.1
57.5°	823.9	799.3	774.7	697.1	619.5	600.1	579.4	571.7	561.3	561.3	560.0
60°	689.4	725.6	761.8	672.5	582.0	560.0	538.0	531.6	527.7	526.4	525.1
62.5°	619.5	679.0	737.2	642.8	547.1	523.8	500.5	492.8	491.5	492.8	492.8
65°	560.0	578.1	596.2	552.3	508.3	485.0	460.4	452.7	455.3	459.1	463.0
67.5°	505.7	501.8	497.9	482.4	465.6	446.2	425.5	417.8	419.0	424.2	429.4
70°	454.0	448.8	442.3	430.7	419.0	402.2	385.4	380.2	379.0	385.4	390.6
72.5°	402.2	395.8	388.0	379.0	368.6	354.4	340.2	336.3	337.6	341.4	345.3
75°	345.3	340.2	333.7	325.9	316.9	303.9	291.0	288.4	291.0	294.9	298.8
77.5°	283.2	282.0	279.4	272.9	266.4	252.2	236.7	235.4	239.3	243.2	245.7
80°	221.2	222.5	223.8	218.6	213.4	197.9	181.1	179.8	183.7	187.5	191.4
82.5°	163.0	166.8	169.4	163.0	156.5	138.4	120.3	117.7	130.6	134.5	138.4
85°	94.4	99.6	104.8	99.6	94.4	76.3	58.2	56.9	68.5	75.0	81.5
87.5°	7.8	10.3	12.9	11.6	10.3	5.2	0.0	0.0	1.3	6.5	11.6
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: P320601
 CATALOG NUMBER: GAN-SA7B-730-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: P320601
 CATALOG NUMBER: GAN-SA7B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3
2.5°	8423.6	8373.2	8357.6	8342.1	8285.2	8227.0	8286.5	8344.7	8369.3	8393.9	8330.5
5°	6849.6	6840.5	6840.5	6839.2	6787.5	6734.5	6774.6	6813.4	6726.7	6640.1	6631.0
7.5°	5133.3	5188.9	5234.2	5278.2	5261.4	5244.5	5282.1	5319.6	5209.6	5098.4	5044.1
10°	3801.2	3812.8	3862.0	3911.1	3922.7	3933.1	3979.6	4024.9	3939.6	3854.2	3816.7
12.5°	2965.7	2903.6	2910.0	2915.2	2938.5	2960.5	3009.6	3057.5	3022.6	2986.4	2990.2
15°	2401.8	2322.9	2290.5	2256.9	2282.8	2308.6	2343.6	2377.2	2378.5	2378.5	2412.1
17.5°	1960.7	1920.6	1888.3	1854.7	1889.6	1923.2	1927.1	1931.0	1932.3	1933.6	1931.0
20°	1606.3	1625.7	1615.4	1605.1	1618.0	1629.6	1640.0	1649.0	1637.4	1624.5	1592.1
22.5°	1408.5	1425.3	1438.2	1449.8	1471.8	1492.5	1482.2	1470.5	1447.3	1422.7	1398.1
25°	1293.4	1305.0	1317.9	1330.9	1349.0	1365.8	1347.7	1329.6	1312.8	1295.9	1279.1
27.5°	1196.4	1208.0	1219.6	1230.0	1246.8	1262.3	1245.5	1228.7	1214.5	1200.2	1187.3
30°	1117.5	1125.2	1134.3	1143.3	1158.8	1173.1	1158.8	1143.3	1133.0	1121.3	1112.3
32.5°	1050.2	1058.0	1061.8	1065.7	1079.9	1094.2	1083.8	1073.5	1064.4	1055.4	1048.9
35°	976.5	992.0	994.6	997.2	1011.4	1025.6	1019.2	1011.4	1001.1	990.7	979.1
37.5°	901.5	919.6	929.9	939.0	953.2	967.4	961.0	954.5	940.3	926.0	905.3
40°	838.1	845.9	865.3	883.4	906.6	928.6	915.7	901.5	879.5	857.5	847.1
42.5°	785.1	783.8	801.9	820.0	854.9	888.5	865.3	842.0	821.3	800.6	798.0
45°	738.5	734.6	743.7	752.7	790.2	826.5	803.2	778.6	767.0	755.3	755.3
47.5°	697.1	694.5	701.0	706.2	729.5	751.4	739.8	728.2	721.7	715.2	716.5
50°	659.6	657.0	663.5	668.7	677.7	685.5	688.1	689.4	685.5	681.6	684.2
52.5°	624.7	624.7	627.3	628.6	640.2	651.8	651.8	650.6	650.6	650.6	653.1
55°	594.9	597.5	597.5	597.5	615.6	632.4	627.3	622.1	623.4	623.4	626.0
57.5°	565.2	569.1	571.7	574.2	592.4	610.5	605.3	600.1	600.1	600.1	601.4
60°	531.6	536.7	541.9	547.1	565.2	583.3	578.1	571.7	573.0	574.2	575.5
62.5°	499.2	504.4	509.6	514.8	532.9	551.0	545.8	539.3	543.2	545.8	545.8
65°	468.2	472.1	477.2	482.4	499.2	516.0	510.9	505.7	510.9	514.8	517.3
67.5°	433.3	435.9	441.0	446.2	463.0	479.8	474.7	468.2	474.7	479.8	485.0
70°	393.2	395.8	402.2	407.4	424.2	441.0	434.6	428.1	434.6	441.0	446.2
72.5°	349.2	351.8	358.3	363.4	382.8	402.2	394.5	386.7	394.5	402.2	404.8
75°	301.4	303.9	311.7	318.2	337.6	357.0	350.5	342.7	349.2	355.7	357.0
77.5°	249.6	253.5	263.8	274.2	289.7	305.2	301.4	297.5	301.4	305.2	305.2
80°	195.3	199.2	212.1	223.8	232.8	241.9	243.2	244.4	245.7	247.0	245.7
82.5°	144.9	150.0	161.7	173.3	173.3	173.3	183.7	192.7	192.7	191.4	190.1
85°	89.2	95.7	106.1	116.4	109.9	103.5	120.3	135.8	135.8	134.5	131.9
87.5°	18.1	24.6	34.9	44.0	37.5	31.0	47.9	64.7	66.0	66.0	63.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320601
 CATALOG NUMBER: GAN-SA7B-730-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: P320601
 CATALOG NUMBER: GAN-SA7B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3
2.5°	8265.8	8366.7	8466.3	8492.2	8531.0	8547.8	8563.3	8690.0	8815.5	8962.9	9110.4
5°	6620.7	6695.7	6770.7	6782.3	6822.4	6843.1	6863.8	7017.7	7170.3	7376.0	7581.6
7.5°	4989.8	5007.9	5026.0	5023.4	5057.0	5102.3	5146.3	5310.5	5473.5	5694.6	5914.5
10°	3779.2	3820.6	3860.7	3898.2	3971.9	4057.2	4141.3	4309.5	4477.6	4696.2	4913.4
12.5°	2994.1	3042.0	3088.5	3129.9	3215.3	3329.1	3441.6	3643.4	3845.1	4106.4	4366.4
15°	2444.4	2440.6	2436.7	2465.1	2540.1	2664.3	2787.2	3000.6	3214.0	3501.1	3786.9
17.5°	1928.4	1909.0	1889.6	1911.6	1981.4	2083.6	2184.5	2365.5	2545.3	2823.4	3101.5
20°	1559.8	1546.8	1533.9	1554.6	1598.6	1641.3	1683.9	1814.6	1943.9	2170.2	2395.3
22.5°	1372.2	1371.0	1368.4	1380.0	1400.7	1422.7	1443.4	1506.8	1568.8	1715.0	1859.8
25°	1262.3	1261.0	1259.7	1264.9	1281.7	1298.5	1315.3	1356.7	1398.1	1468.0	1537.8
27.5°	1174.4	1171.8	1169.2	1170.5	1174.4	1200.2	1224.8	1244.2	1262.3	1310.2	1356.7
30°	1103.2	1101.9	1100.6	1100.6	1096.8	1105.8	1114.9	1144.6	1173.1	1222.2	1271.4
32.5°	1042.4	1036.0	1029.5	1015.3	1006.2	1019.2	1032.1	1063.1	1094.2	1139.4	1184.7
35°	966.1	949.3	931.2	923.5	924.7	937.7	950.6	981.7	1011.4	1060.5	1108.4
37.5°	883.4	878.2	871.7	870.4	874.3	887.2	900.2	927.3	953.2	1002.3	1050.2
40°	836.8	834.2	831.6	829.0	831.6	844.6	857.5	883.4	907.9	955.8	1002.3
42.5°	795.4	794.1	792.8	792.8	794.1	808.3	822.6	848.4	873.0	915.7	958.4
45°	755.3	756.6	756.6	759.2	763.1	777.3	790.2	818.7	847.1	888.5	929.9
47.5°	717.8	721.7	724.3	730.7	734.6	750.1	764.4	795.4	826.5	878.2	928.6
50°	685.5	689.4	691.9	697.1	707.5	725.6	743.7	781.2	817.4	904.1	989.4
52.5°	655.7	659.6	663.5	668.7	681.6	702.3	723.0	769.5	814.8	915.7	1016.6
55°	628.6	632.4	635.0	642.8	655.7	673.8	690.7	747.6	804.5	878.2	951.9
57.5°	602.7	606.6	609.2	614.3	620.8	640.2	658.3	719.1	779.9	831.6	882.1
60°	575.5	578.1	579.4	579.4	584.6	606.6	628.6	706.2	782.5	773.4	763.1
62.5°	545.8	548.4	549.7	545.8	552.3	575.5	598.8	699.7	800.6	738.5	676.4
65°	518.6	517.3	516.0	512.2	519.9	543.2	565.2	615.6	666.1	641.5	616.9
67.5°	488.9	485.0	481.1	476.0	483.7	504.4	523.8	540.6	557.4	560.0	562.6
70°	451.4	446.2	441.0	439.7	443.6	460.4	477.2	488.9	499.2	504.4	508.3
72.5°	407.4	403.5	399.6	397.1	398.4	412.6	425.5	435.9	446.2	450.1	452.7
75°	358.3	358.3	357.0	349.2	349.2	360.8	371.2	380.2	389.3	394.5	399.6
77.5°	305.2	306.5	306.5	296.2	294.9	306.5	316.9	324.6	331.1	336.3	340.2
80°	244.4	241.9	239.3	232.8	230.2	244.4	257.4	263.8	269.0	270.3	270.3
82.5°	187.5	182.4	175.9	161.7	163.0	178.5	192.7	197.9	203.1	203.1	203.1
85°	128.0	117.7	106.1	94.4	95.7	112.5	128.0	133.2	138.4	141.0	142.3
87.5°	60.8	50.4	38.8	29.7	29.7	44.0	56.9	59.5	62.1	67.3	72.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320601
 CATALOG NUMBER: GAN-SA7B-730-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: P320601

CATALOG NUMBER: GAN-SA7B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3
2.5°	9222.9	9334.1	9449.2	9564.3	9696.3	9828.2	9982.1	10134.7	10265.3	10396.0	10504.6
5°	7758.8	7936.0	8144.2	8352.5	8617.6	8882.7	9207.4	9530.7	9819.1	10107.6	10442.5
7.5°	6146.0	6376.2	6647.8	6919.4	7262.2	7604.9	8025.3	8445.6	8853.0	9259.1	9773.9
10°	5155.3	5397.2	5664.9	5931.3	6280.5	6628.4	7073.3	7517.0	7974.8	8431.4	9013.4
12.5°	4635.4	4903.1	5138.5	5373.9	5657.1	5939.1	6369.8	6800.4	7338.5	7875.2	8435.2
15°	4080.5	4372.8	4654.8	4936.7	5245.8	5553.7	5972.7	6391.7	6980.2	7568.7	8212.8
17.5°	3409.3	3717.1	4061.1	4403.9	4807.4	5209.6	5746.4	6283.1	6980.2	7676.0	8435.2
20°	2709.6	3023.9	3435.1	3846.4	4348.3	4848.8	5544.6	6240.4	7179.4	8117.1	9085.8
22.5°	2137.9	2414.7	2863.5	3311.0	3890.4	4469.8	5362.2	6253.4	7480.8	8706.8	10014.4
25°	1733.1	1928.4	2369.4	2809.2	3477.8	4146.5	5251.0	6354.2	7919.2	9482.9	11104.7
27.5°	1484.8	1612.8	2024.1	2434.1	3164.8	3894.3	5205.7	6515.9	8475.3	10434.8	12290.7
30°	1360.6	1449.8	1797.8	2144.4	2886.8	3629.1	5151.4	6673.7	9010.8	11346.6	13218.1
32.5°	1257.1	1328.3	1625.7	1921.9	2646.2	3370.5	5046.7	6721.6	9384.6	12047.6	14003.1
35°	1169.2	1228.7	1487.4	1746.0	2457.4	3168.7	4870.8	6572.8	9618.7	12664.5	14820.5
37.5°	1098.1	1144.6	1383.9	1623.2	2294.4	2965.7	4670.3	6374.9	9826.9	13278.9	15740.1
40°	1042.4	1082.5	1306.3	1530.0	2139.2	2748.4	4498.3	6246.9	10114.0	13981.1	16711.4
42.5°	1011.4	1063.1	1239.0	1413.6	1991.8	2569.9	4359.9	6149.9	10380.4	14609.7	17561.1
45°	1003.6	1077.4	1204.1	1330.9	1881.8	2432.8	4237.0	6040.0	10552.5	15065.0	18201.4
47.5°	990.7	1051.5	1177.0	1302.4	1827.5	2351.3	4171.1	5989.5	10724.5	15458.2	18732.9
50°	998.5	1006.2	1155.0	1302.4	1819.7	2337.1	4246.1	6155.1	11097.0	16037.6	19340.8
52.5°	984.2	950.6	1113.6	1276.5	1818.5	2360.4	4462.1	6563.8	11788.9	17012.8	19999.1
55°	909.2	865.3	1036.0	1206.7	1791.3	2374.6	4719.4	7063.0	12717.5	18370.8	21182.5
57.5°	843.3	803.2	948.0	1091.6	1708.5	2325.4	4984.6	7642.4	13699.2	19754.7	22516.0
60°	755.3	746.3	849.7	953.2	1580.5	2206.5	5203.2	8198.6	14358.8	20517.7	23029.4
62.5°	682.9	688.1	764.4	840.7	1420.1	1998.2	5275.6	8551.6	14340.7	20129.7	22512.1
65°	627.3	636.3	711.3	786.4	1283.0	1779.7	5037.6	8294.3	13615.1	18934.7	21489.1
67.5°	573.0	583.3	672.5	760.5	1161.4	1561.1	4442.7	7323.0	12310.1	17296.0	20187.9
70°	521.2	534.2	631.2	728.2	1073.5	1417.5	3675.7	5933.9	10676.6	15418.1	18681.2
72.5°	465.6	478.5	582.0	685.5	1017.9	1349.0	2996.7	4643.1	8664.2	12683.9	15979.4
75°	408.7	417.8	530.3	641.5	941.6	1241.6	2351.3	3459.7	6631.0	9802.3	12069.6
77.5°	351.8	363.4	457.8	551.0	799.3	1046.3	1771.9	2497.5	4865.6	7232.4	8393.9
80°	280.7	291.0	358.3	424.2	616.9	808.3	1218.3	1628.3	3348.5	5068.6	5723.1
82.5°	214.7	226.3	271.6	315.6	439.7	563.9	738.5	913.1	2224.6	3534.7	3589.1
85°	147.4	151.3	183.7	214.7	271.6	328.5	422.9	517.3	1471.8	2426.3	2021.5
87.5°	73.7	73.7	95.7	117.7	146.1	174.6	223.8	271.6	470.8	670.0	385.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320601
 CATALOG NUMBER: GAN-SA7B-730-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: P320601

CATALOG NUMBER: GAN-SA7B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3
2.5°	10643.0	10737.4	10833.1	10905.5	10979.3	11085.3	11191.4	11210.8	11231.5	11190.1	11148.7
5°	10780.1	11065.9	11353.0	11618.2	11883.3	12042.4	12201.5	12233.8	12266.2	12166.6	12065.7
7.5°	10271.8	10769.7	11267.7	11724.2	12180.8	12457.6	12735.6	12797.7	12861.1	12698.1	12535.2
10°	9592.8	10204.6	10816.3	11417.7	12019.1	12421.4	12823.6	12903.8	12984.0	12780.9	12577.9
12.5°	9067.7	9720.8	10374.0	11007.7	11642.8	12059.2	12475.7	12575.3	12674.9	12527.4	12378.7
15°	8906.0	9520.4	10134.7	10687.0	11240.5	11580.7	11922.1	11962.2	12003.6	11980.3	11957.0
17.5°	9199.6	9754.5	10310.6	10610.7	10912.0	11047.8	11184.9	11228.9	11274.2	11332.4	11391.8
20°	9911.0	10301.6	10693.4	10680.5	10666.3	10600.3	10533.1	10521.4	10509.8	10676.6	10844.8
22.5°	10972.8	11128.0	11284.5	10921.1	10557.6	10336.5	10114.0	10070.0	10024.8	10202.0	10380.4
25°	12125.2	12096.7	12067.0	11375.0	10681.8	10260.2	9838.5	9789.4	9740.2	9891.6	10044.2
27.5°	13265.9	13079.7	12893.4	11953.2	11012.9	10401.1	9789.4	9740.2	9691.1	9825.6	9960.1
30°	14102.7	13804.0	13505.2	12440.8	11376.3	10649.5	9922.6	9842.4	9760.9	9926.5	10092.0
32.5°	14755.9	14354.9	13954.0	12836.5	11719.1	10932.7	10146.4	10020.9	9895.4	10116.6	10337.8
35°	15407.7	14843.8	14278.6	13189.6	12099.3	11267.7	10434.8	10280.9	10127.0	10430.9	10734.8
37.5°	16227.7	15418.1	14607.1	13586.7	12566.2	11769.5	10971.5	10813.7	10655.9	11042.6	11430.7
40°	17117.5	16037.6	14957.6	14021.2	13084.8	12464.0	11841.9	11691.9	11540.6	12011.4	12482.1
42.5°	17857.3	16614.4	15371.5	14545.0	13717.3	13280.1	12841.7	12840.4	12837.8	13315.1	13792.3
45°	18458.7	17095.5	15731.0	15055.9	14379.5	14151.9	13924.2	14106.6	14289.0	14719.6	15151.6
47.5°	18907.5	17499.1	16089.3	15640.5	15191.7	15225.3	15259.0	15630.2	16001.4	16278.1	16556.2
50°	19199.8	17865.1	16529.0	16390.7	16252.3	16553.6	16856.3	17281.8	17708.6	17897.4	18086.2
52.5°	19625.3	18361.7	17096.8	17252.0	17407.2	18022.9	18638.5	19069.2	19499.9	19569.7	19640.9
55°	20609.6	19274.8	17938.8	18236.3	18535.0	19437.8	20341.8	20678.1	21014.4	21040.3	21066.1
57.5°	22007.7	20554.0	19100.2	19421.0	19741.7	20784.2	21827.9	22190.1	22553.5	22503.0	22451.3
60°	23054.0	21768.4	20481.5	20804.9	21128.2	22144.8	23161.4	23577.8	23995.6	23884.3	23773.1
62.5°	23118.7	22431.9	21743.8	22036.1	22329.7	23325.6	24321.5	24749.6	25177.7	24983.7	24789.7
65°	22090.5	22398.3	22706.1	22803.1	22900.1	23828.7	24758.6	25085.9	25414.4	25316.1	25217.8
67.5°	20674.2	21808.5	22944.1	22748.8	22553.5	22989.3	23425.2	23762.8	24100.3	24044.7	23987.8
70°	19260.6	20775.1	22289.6	21330.0	20369.0	20189.2	20009.5	20372.9	20737.6	20512.6	20286.2
72.5°	16853.7	18467.8	20083.2	18315.2	16547.2	15932.8	15318.5	15780.2	16241.9	15883.7	15524.1
75°	13229.7	15013.2	16798.1	14688.6	12579.1	11759.2	10939.2	11336.2	11733.3	11487.6	11240.5
77.5°	9848.9	11606.5	13364.2	11219.8	9074.2	8465.0	7854.5	7972.2	8091.2	8049.8	8007.1
80°	6680.2	7905.0	9131.1	7703.2	6275.3	6321.9	6369.8	6314.1	6257.2	6340.0	6422.8
82.5°	4262.9	5208.3	6155.1	5397.2	4639.3	5073.8	5508.4	5295.0	5080.3	5159.2	5239.4
85°	2432.8	3357.5	4283.6	3992.6	3700.3	3953.8	4208.6	3877.5	3546.4	3691.2	3837.4
87.5°	641.5	1857.3	3074.3	2791.1	2507.8	2179.3	1850.8	1412.3	973.9	1422.7	1871.5
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: P320601
 CATALOG NUMBER: GAN-SA7B-730-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



REPORT NUMBER: P320601

CATALOG NUMBER: GAN-SA7B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3	9855.3
2.5°	11126.7	11104.7	11025.8	10945.6	10826.7	10728.4	10557.6
5°	11926.0	11786.3	11545.8	11303.9	11034.9	10725.8	10383.0
7.5°	12209.2	11882.0	11420.3	10957.3	10540.8	10051.9	9596.7
10°	12089.0	11598.8	10998.7	10397.3	9891.6	9329.0	8823.3
12.5°	11858.8	11337.5	10676.6	10014.4	9438.9	8834.9	8268.4
15°	11541.9	11125.4	10505.9	9886.4	9307.0	8719.8	8048.5
17.5°	11195.3	10997.4	10549.9	10101.1	9599.3	9030.2	8242.5
20°	10915.9	10988.3	10809.8	10631.4	10229.1	9732.5	8847.8
22.5°	10727.1	11075.0	11212.1	11350.5	11108.6	10720.6	9697.6
25°	10621.0	11197.8	11657.0	12117.4	12010.1	11711.3	10729.7
27.5°	10667.6	11375.0	12087.7	12801.6	12901.2	12818.4	11817.4
30°	10807.3	11523.8	12391.6	13260.7	13657.8	13769.0	12724.0
32.5°	11040.1	11742.3	12687.8	13634.5	14234.6	14589.0	13553.0
35°	11391.8	12048.9	13034.4	14019.9	14796.0	15442.6	14409.2
37.5°	11995.8	12561.0	13470.3	14380.8	15387.0	16358.3	15352.1
40°	12880.5	13280.1	14048.4	14817.9	16084.1	17395.6	16403.6
42.5°	13996.7	14202.3	14811.5	15420.6	16812.3	18337.2	17431.8
45°	15205.9	15260.3	15643.1	16027.2	17389.1	18978.7	18203.9
47.5°	16370.0	16183.7	16336.3	16489.0	17831.5	19436.5	18789.8
50°	17567.6	17049.0	16968.8	16888.6	18273.8	19975.8	19534.8
52.5°	18785.9	17931.0	17614.2	17296.0	18801.5	20691.1	20462.1
55°	19978.4	18890.7	18463.9	18037.1	19608.5	21564.1	21824.0
57.5°	21218.7	19986.2	19590.4	19194.6	20794.5	22669.9	23046.3
60°	22553.5	21332.6	21015.7	20697.5	22268.9	23864.9	23590.8
62.5°	23819.7	22849.7	22682.8	22514.7	23760.2	24783.2	23378.6
65°	24665.5	24112.0	24267.2	24423.7	24888.0	25012.1	22757.8
67.5°	24100.3	24212.9	24868.6	25525.6	25206.1	24331.8	21534.3
70°	20960.1	21635.2	23188.5	24743.1	24034.4	22509.5	19338.2
72.5°	16282.0	17041.2	19347.3	21654.6	21001.5	19133.9	15883.7
75°	12096.7	12954.2	15499.5	18044.9	17138.2	14312.2	11372.4
77.5°	8581.4	9155.6	11668.6	14182.9	12704.6	9526.8	7652.8
80°	6246.9	6071.0	7471.7	8872.4	8626.7	6301.2	4914.7
82.5°	4810.0	4380.6	5040.2	5699.8	5663.6	4372.8	3605.9
85°	3665.4	3493.3	4076.6	4659.9	4160.7	2961.8	2291.8
87.5°	2136.6	2403.0	3089.8	3777.9	2835.0	898.9	444.9
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: P320601
 CATALOG NUMBER: GAN-SA7B-730-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)