

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: P320811

Luminaire Tested: **GAN-SA7C-830-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320811
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-SA7C-830-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 80 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34938 lumens
Efficiency: N/A
Efficacy: 89.4 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): 391
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



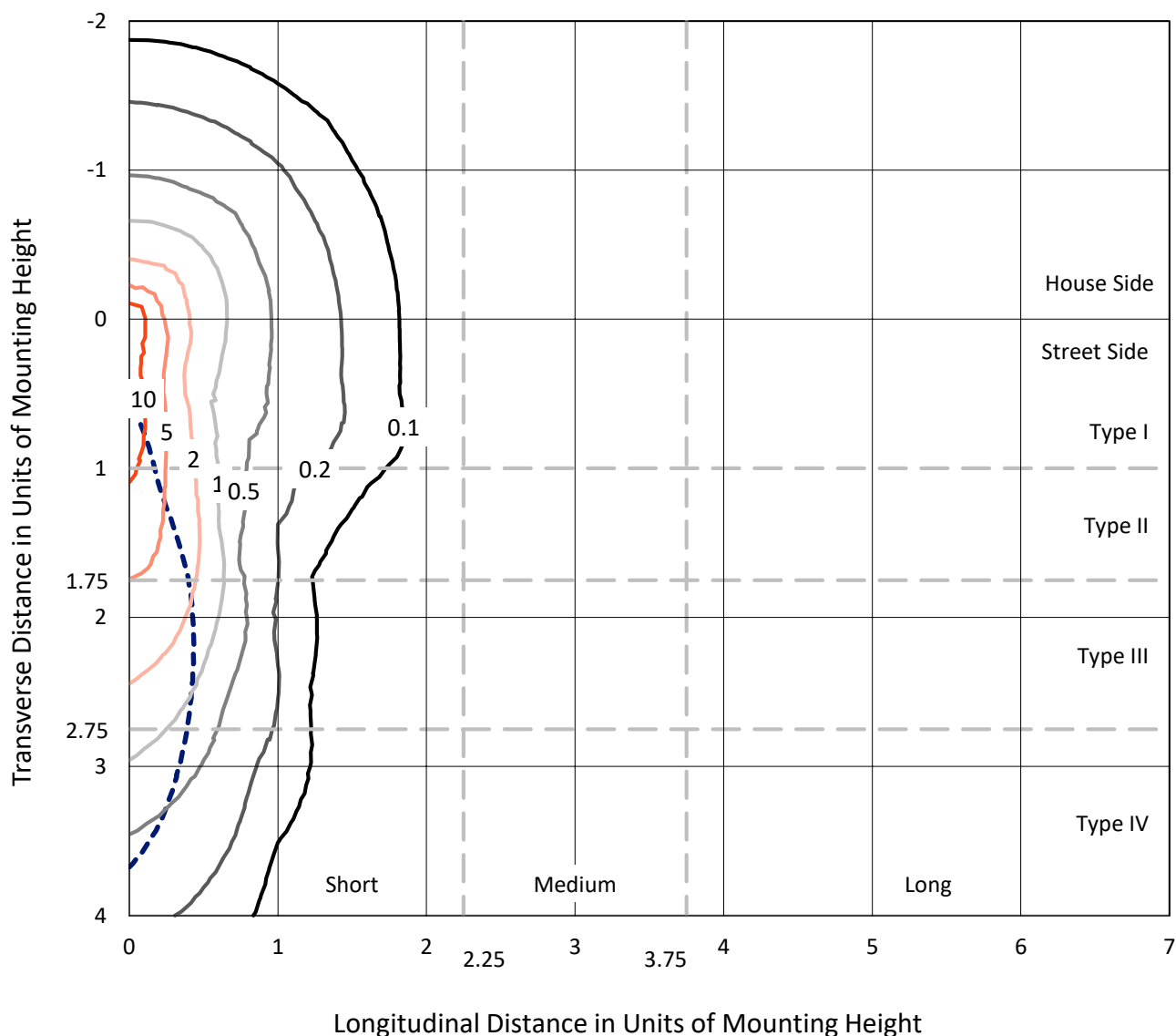
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

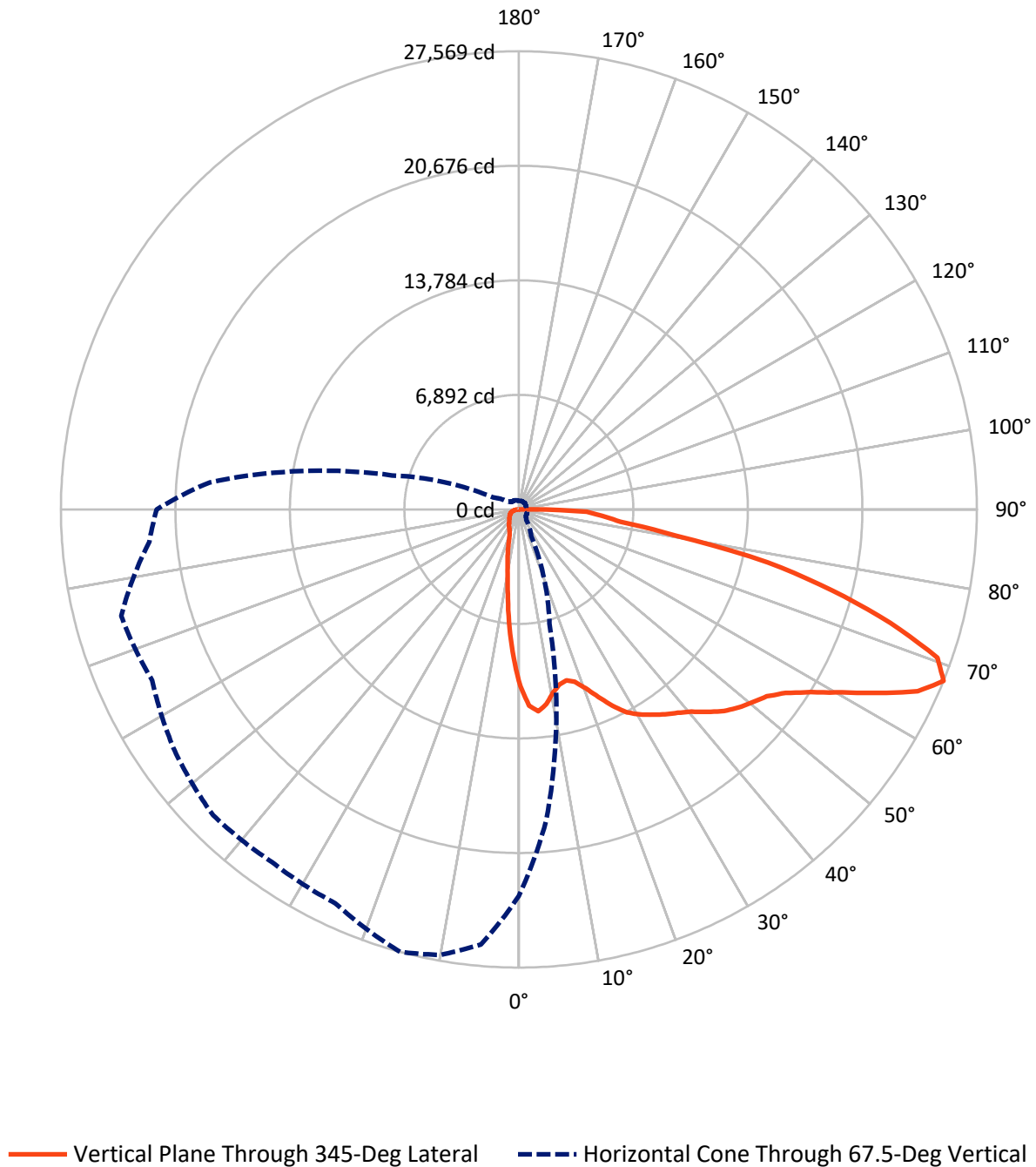
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17 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	6040.0	0.0	6040.0
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	28898.0	0.0	28898.0
	% Fixture	82.7	0.0	82.7
Total	Lumens	34938.0	0.0	34938.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	821.5	2.4
10°-20°	1706.5	4.9
20°-30°	2427.1	6.9
30°-40°	3497.4	10.0
40°-50°	4928.9	14.1
50°-60°	6852.0	19.6
60°-70°	8286.1	23.7
70°-80°	5093.3	14.6
80°-90°	1325.3	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	34938.0	100.0
0°-180°	34938.0	100.0

Coefficient of Utilization



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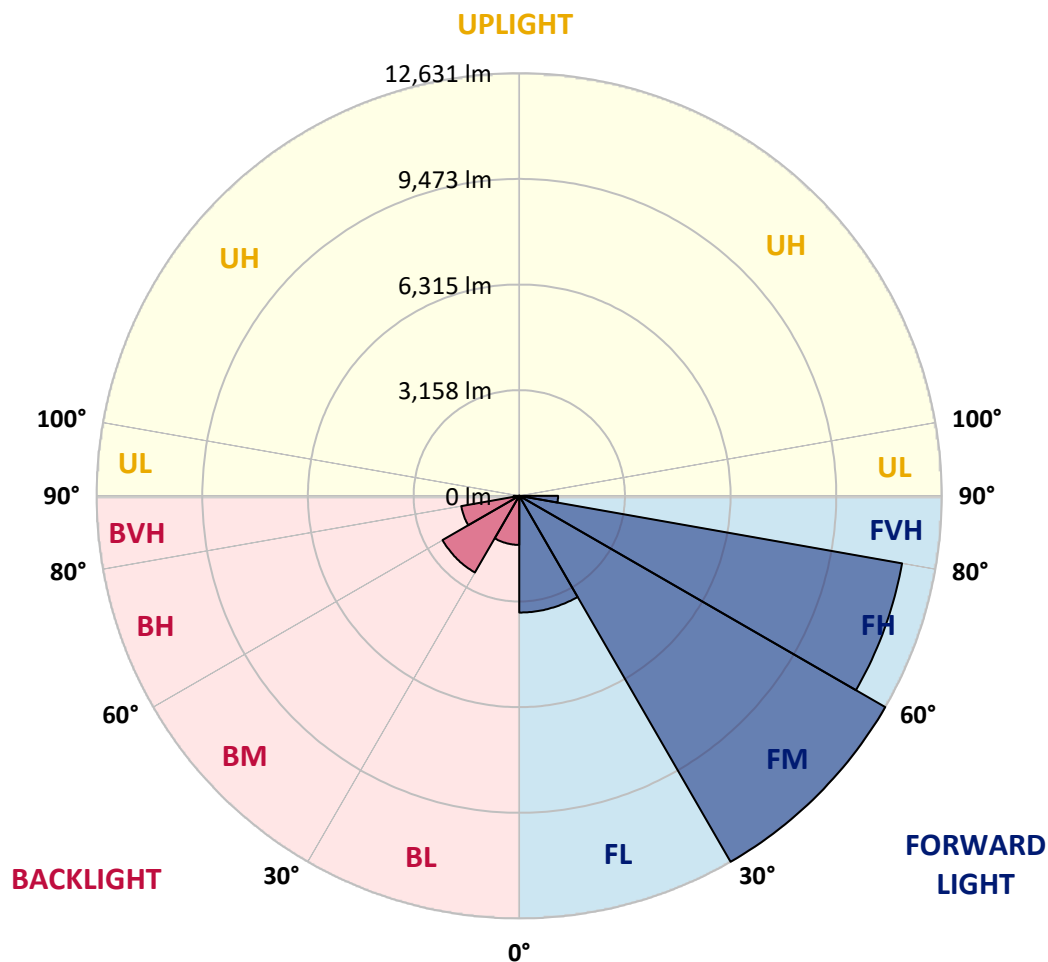
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3488.6	10.0			
FM	(30°-60°)	12631.0	36.2			
FH	(60°-80°)	11619.2	33.3			G4/12000
FVH	(80°-90°)	1159.2	3.3			G5
BL	(0°-30°)	1466.5	4.2	B3/2500		
BM	(30°-60°)	2647.3	7.6	B3/5000		
BH	(60°-80°)	1760.2	5.0	B3/2500		G3/2500
BVH	(80°-90°)	166.1	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°	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1
2.5°	11402.6	11302.0	11149.8	10997.5	10884.4	10769.8	10639.9	10510.0	10361.9	10212.5	10124.5
5°	11214.0	10934.7	10571.5	10208.3	9968.0	9727.8	9455.4	9183.0	8913.4	8643.8	8498.5
7.5°	10364.7	9945.7	9473.5	9001.4	8652.2	8301.6	7924.4	7545.9	7210.6	6874.0	6665.8
10°	9529.4	9026.5	8484.6	7941.2	7494.2	7047.2	6668.6	6288.7	6035.8	5783.0	5591.6
12.5°	8930.2	8372.8	7776.3	7178.5	6731.5	6284.5	6044.2	5804.0	5594.4	5384.9	5164.2
15°	8692.7	8062.7	7452.3	6840.4	6434.0	6027.5	5760.7	5492.5	5211.7	4929.5	4658.5
17.5°	8902.2	8164.7	7501.2	6837.6	6305.4	5773.2	5400.3	5025.9	4655.7	4285.6	3971.3
20°	9555.9	8614.5	7747.0	6878.2	6169.9	5461.7	4961.7	4460.2	3985.3	3510.3	3154.1
22.5°	10473.7	9227.7	8094.8	6962.0	6047.0	5130.7	4503.5	3874.9	3313.4	2751.8	2402.6
25°	11588.4	10040.7	8596.3	7150.5	5996.7	4841.5	4070.5	3299.4	2707.1	2113.5	1864.8
27.5°	12763.1	11010.1	9219.3	7427.1	6005.1	4583.1	3705.9	2827.3	2293.7	1760.0	1589.6
30°	13742.3	12117.8	9945.7	7772.2	6037.2	4302.3	3362.3	2422.2	1982.2	1542.1	1431.8
32.5°	14637.7	12890.3	10493.2	8094.8	6073.6	4050.9	3096.8	2141.4	1782.4	1422.0	1331.2
35°	15562.5	13576.1	10876.0	8174.4	6010.7	3845.6	2915.3	1984.9	1653.9	1321.4	1244.6
37.5°	16580.8	14317.9	11244.8	8170.3	5904.5	3638.8	2774.2	1908.1	1570.1	1230.6	1174.8
40°	17716.4	15137.8	11644.3	8150.7	5808.2	3464.2	2669.4	1873.2	1524.0	1173.4	1125.9
42.5°	18826.9	15920.1	12015.8	8111.6	5729.9	3346.9	2566.0	1785.2	1482.1	1177.6	1110.5
45°	19660.9	16603.1	12338.5	8072.5	5671.3	3270.1	2485.0	1700.0	1443.0	1185.9	1100.7
47.5°	20293.6	17289.0	12696.1	8101.8	5665.7	3229.5	2427.7	1625.9	1368.9	1110.5	1075.6
50°	21098.2	18113.1	13217.1	8321.1	5742.5	3163.9	2360.7	1556.1	1297.7	1039.3	1086.8
52.5°	22099.8	19289.3	14024.5	8758.3	5903.1	3048.0	2254.5	1461.1	1211.1	959.6	1033.7
55°	23570.7	20796.5	15056.8	9315.7	6097.3	2877.5	2093.9	1308.9	1096.5	882.8	948.5
57.5°	24890.7	22319.1	16047.2	9773.9	6218.8	2662.4	1891.4	1120.3	968.0	815.8	853.5
60°	25478.8	23104.1	16510.9	9916.3	6146.2	2376.1	1663.7	949.9	854.9	759.9	752.9
62.5°	25249.7	22605.5	16054.2	9502.9	5791.4	2079.9	1462.5	845.1	773.9	701.2	685.9
65°	24579.2	21038.2	14774.6	8511.1	5192.1	1873.2	1335.4	797.6	718.0	638.4	621.6
67.5°	23257.8	18807.4	12961.5	7115.6	4430.9	1746.1	1262.8	779.5	683.1	585.3	565.7
70°	20885.9	16122.6	10873.2	5622.4	3645.8	1667.9	1215.3	762.7	645.4	526.6	508.5
72.5°	17154.9	12926.6	8682.9	4437.8	3048.0	1658.1	1209.7	761.3	614.6	467.9	451.2
75°	12282.6	9818.6	6628.1	3436.3	2496.2	1556.1	1148.2	740.3	572.7	403.7	388.3
77.5°	8265.2	6795.7	4606.9	2416.6	1852.2	1287.9	965.2	642.6	490.3	338.0	322.7
80°	5308.1	4703.2	3087.1	1470.9	1201.3	931.7	690.1	448.4	357.6	265.4	252.8
82.5°	3894.5	3500.5	2145.6	790.6	667.7	543.4	421.9	300.3	244.5	188.6	183.0
85°	2475.2	2729.5	1579.9	430.2	352.0	273.8	226.3	178.8	141.1	103.4	103.4
87.5°	480.5	664.9	437.2	208.1	152.3	96.4	82.4	67.0	37.7	7.0	8.4
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):

	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°	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1
2.5°	10035.1	9938.7	9842.3	9733.3	9623.0	9521.0	9417.7	9304.5	9325.5	9238.9	9152.3
5°	8353.2	8199.6	8044.5	7910.4	7776.3	7660.4	7543.1	7438.3	7529.1	7467.6	7406.2
7.5°	6456.3	6266.3	6075.0	5914.3	5753.7	5629.4	5503.6	5417.0	5506.4	5495.3	5484.1
10°	5400.3	5215.9	5030.1	4852.7	4675.3	4524.4	4372.2	4243.7	4221.3	4157.1	4091.4
12.5°	4942.1	4689.3	4435.0	4249.3	4063.5	3883.3	3703.1	3552.2	3483.8	3377.6	3270.1
15°	4387.5	4088.6	3789.7	3578.8	3366.4	3191.8	3015.8	2885.9	2842.6	2760.2	2677.8
17.5°	3657.0	3330.1	3003.3	2789.5	2574.4	2434.7	2293.7	2207.0	2207.0	2183.3	2159.6
20°	2797.9	2506.0	2214.0	2050.6	1887.2	1813.1	1737.7	1701.4	1712.6	1714.0	1714.0
22.5°	2052.0	1873.2	1694.4	1628.7	1561.7	1535.2	1508.6	1493.2	1498.8	1500.2	1501.6
25°	1616.2	1547.7	1477.9	1444.4	1409.4	1392.7	1375.9	1370.3	1382.9	1384.3	1384.3
27.5°	1419.2	1377.3	1334.0	1313.1	1290.7	1283.7	1276.7	1267.0	1279.5	1279.5	1278.1
30°	1320.0	1275.3	1230.6	1204.1	1177.6	1180.4	1181.7	1179.0	1187.3	1192.9	1197.1
32.5°	1239.0	1195.7	1152.4	1125.9	1097.9	1093.7	1089.6	1086.8	1104.9	1114.7	1124.5
35°	1166.4	1118.9	1071.4	1046.3	1021.1	1011.3	1001.6	994.6	1011.3	1023.9	1036.5
37.5°	1117.5	1068.6	1018.3	994.6	969.4	956.9	944.3	935.9	942.9	948.5	954.1
40°	1078.4	1028.1	976.4	948.5	920.5	908.0	895.4	888.4	892.6	894.0	895.4
42.5°	1042.1	993.2	944.3	913.5	881.4	866.1	850.7	842.3	845.1	847.9	849.3
45°	1015.5	966.6	916.3	880.0	842.3	825.5	808.8	799.0	800.4	800.4	800.4
47.5°	1040.7	969.4	896.8	854.9	811.6	792.0	772.5	762.7	759.9	757.1	754.3
50°	1132.9	1011.3	888.4	835.3	780.8	759.9	737.5	726.4	719.4	716.6	713.8
52.5°	1106.3	1001.6	895.4	826.9	757.1	732.0	706.8	688.7	681.7	677.5	673.3
55°	1012.7	947.1	880.0	797.6	715.2	692.8	669.1	656.5	644.0	641.2	638.4
57.5°	889.8	863.3	836.7	752.9	669.1	648.1	625.8	617.4	606.2	606.2	604.8
60°	744.5	783.6	822.8	726.4	628.6	604.8	581.1	574.1	569.9	568.5	567.1
62.5°	669.1	733.4	796.2	694.2	590.9	565.7	540.6	532.2	530.8	532.2	532.2
65°	604.8	624.4	644.0	596.5	549.0	523.8	497.3	488.9	491.7	495.9	500.1
67.5°	546.2	542.0	537.8	521.0	502.9	481.9	459.6	451.2	452.6	458.2	463.8
70°	490.3	484.7	477.7	465.2	452.6	434.4	416.3	410.7	409.3	416.3	421.9
72.5°	434.4	427.4	419.1	409.3	398.1	382.7	367.4	363.2	364.6	368.8	373.0
75°	373.0	367.4	360.4	352.0	342.2	328.3	314.3	311.5	314.3	318.5	322.7
77.5°	305.9	304.5	301.7	294.7	287.8	272.4	255.6	254.2	258.4	262.6	265.4
80°	238.9	240.3	241.7	236.1	230.5	213.7	195.6	194.2	198.4	202.5	206.7
82.5°	176.0	180.2	183.0	176.0	169.0	149.5	129.9	127.1	141.1	145.3	149.5
85°	102.0	107.6	113.1	107.6	102.0	82.4	62.9	61.5	74.0	81.0	88.0
87.5°	8.4	11.2	14.0	12.6	11.2	5.6	0.0	0.0	1.4	7.0	12.6
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: P320811
 CATALOG NUMBER: GAN-SA7C-830-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: P320811

CATALOG NUMBER: GAN-SA7C-830-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1
2.5°	9097.8	9043.3	9026.5	9009.8	8948.3	8885.5	8949.7	9012.6	9039.1	9065.6	8997.2
5°	7397.8	7388.0	7388.0	7386.6	7330.7	7273.5	7316.8	7358.7	7265.1	7171.5	7161.7
7.5°	5544.2	5604.2	5653.1	5700.6	5682.4	5664.3	5704.8	5745.3	5626.6	5506.4	5447.8
10°	4105.4	4118.0	4171.0	4224.1	4236.7	4247.9	4298.2	4347.0	4254.8	4162.7	4122.1
12.5°	3203.0	3136.0	3142.9	3148.5	3173.7	3197.4	3250.5	3302.2	3264.5	3225.4	3229.5
15°	2594.0	2508.8	2473.8	2437.5	2465.5	2493.4	2531.1	2567.4	2568.8	2568.8	2605.2
17.5°	2117.6	2074.3	2039.4	2003.1	2040.8	2077.1	2081.3	2085.5	2086.9	2088.3	2085.5
20°	1734.9	1755.9	1744.7	1733.5	1747.5	1760.0	1771.2	1781.0	1768.4	1754.5	1719.5
22.5°	1521.2	1539.3	1553.3	1565.9	1589.6	1612.0	1600.8	1588.2	1563.1	1536.6	1510.0
25°	1396.9	1409.4	1423.4	1437.4	1456.9	1475.1	1455.5	1436.0	1417.8	1399.7	1381.5
27.5°	1292.1	1304.7	1317.2	1328.4	1346.6	1363.3	1345.2	1327.0	1311.7	1296.3	1282.3
30°	1206.9	1215.3	1225.0	1234.8	1251.6	1267.0	1251.6	1234.8	1223.7	1211.1	1201.3
32.5°	1134.3	1142.6	1146.8	1151.0	1166.4	1181.7	1170.6	1159.4	1149.6	1139.8	1132.9
35°	1054.6	1071.4	1074.2	1077.0	1092.3	1107.7	1100.7	1092.3	1081.2	1070.0	1057.4
37.5°	973.6	993.2	1004.3	1014.1	1029.5	1044.9	1037.9	1030.9	1015.5	1000.2	977.8
40°	905.2	913.5	934.5	954.1	979.2	1002.9	989.0	973.6	949.9	926.1	914.9
42.5°	847.9	846.5	866.1	885.6	923.3	959.6	934.5	909.4	887.0	864.7	861.9
45°	797.6	793.4	803.2	813.0	853.5	892.6	867.5	840.9	828.3	815.8	815.8
47.5°	752.9	750.1	757.1	762.7	787.8	811.6	799.0	786.4	779.5	772.5	773.9
50°	712.4	709.6	716.6	722.2	732.0	740.3	743.1	744.5	740.3	736.1	738.9
52.5°	674.7	674.7	677.5	678.9	691.4	704.0	704.0	702.6	702.6	702.6	705.4
55°	642.6	645.4	645.4	645.4	664.9	683.1	677.5	671.9	673.3	673.3	676.1
57.5°	610.4	614.6	617.4	620.2	639.8	659.3	653.7	648.1	648.1	648.1	649.5
60°	574.1	579.7	585.3	590.9	610.4	630.0	624.4	617.4	618.8	620.2	621.6
62.5°	539.2	544.8	550.4	556.0	575.5	595.1	589.5	582.5	586.7	589.5	589.5
65°	505.7	509.9	515.4	521.0	539.2	557.3	551.8	546.2	551.8	556.0	558.7
67.5°	467.9	470.7	476.3	481.9	500.1	518.2	512.6	505.7	512.6	518.2	523.8
70°	424.6	427.4	434.4	440.0	458.2	476.3	469.3	462.4	469.3	476.3	481.9
72.5°	377.2	379.9	386.9	392.5	413.5	434.4	426.0	417.7	426.0	434.4	437.2
75°	325.5	328.3	336.6	343.6	364.6	385.5	378.6	370.2	377.2	384.1	385.5
77.5°	269.6	273.8	285.0	296.1	312.9	329.7	325.5	321.3	325.5	329.7	329.7
80°	210.9	215.1	229.1	241.7	251.4	261.2	262.6	264.0	265.4	266.8	265.4
82.5°	156.4	162.0	174.6	187.2	187.2	187.2	198.4	208.1	208.1	206.7	205.3
85°	96.4	103.4	114.5	125.7	118.7	111.7	129.9	146.7	146.7	145.3	142.5
87.5°	19.6	26.5	37.7	47.5	40.5	33.5	51.7	69.8	71.2	71.2	68.4
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: P320811
 CATALOG NUMBER: GAN-SA7C-830-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: P320811

CATALOG NUMBER: GAN-SA7C-830-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1
2.5°	8927.4	9036.3	9143.9	9171.8	9213.7	9231.9	9248.6	9385.5	9521.0	9680.3	9839.5
5°	7150.5	7231.6	7312.6	7325.2	7368.5	7390.8	7413.2	7579.4	7744.2	7966.3	8188.4
7.5°	5389.1	5408.7	5428.2	5425.4	5461.7	5510.6	5558.1	5735.5	5911.5	6150.4	6387.9
10°	4081.6	4126.3	4169.6	4210.1	4289.8	4382.0	4472.8	4654.4	4835.9	5072.0	5306.7
12.5°	3233.7	3285.4	3335.7	3380.4	3472.6	3595.5	3717.1	3935.0	4152.9	4435.0	4715.8
15°	2640.1	2635.9	2631.7	2662.4	2743.4	2877.5	3010.2	3240.7	3471.2	3781.3	4090.0
17.5°	2082.7	2061.8	2040.8	2064.6	2140.0	2250.3	2359.3	2554.9	2749.0	3049.4	3349.7
20°	1684.6	1670.6	1656.7	1679.0	1726.5	1772.6	1818.7	1959.8	2099.5	2343.9	2587.0
22.5°	1482.1	1480.7	1477.9	1490.5	1512.8	1536.6	1558.9	1627.3	1694.4	1852.2	2008.7
25°	1363.3	1361.9	1360.5	1366.1	1384.3	1402.5	1420.6	1465.3	1510.0	1585.4	1660.9
27.5°	1268.4	1265.6	1262.8	1264.2	1268.4	1296.3	1322.8	1343.8	1363.3	1415.0	1465.3
30°	1191.5	1190.1	1188.7	1188.7	1184.5	1194.3	1204.1	1236.2	1267.0	1320.0	1373.1
32.5°	1125.9	1118.9	1111.9	1096.5	1086.8	1100.7	1114.7	1148.2	1181.7	1230.6	1279.5
35°	1043.5	1025.3	1005.7	997.4	998.8	1012.7	1026.7	1060.2	1092.3	1145.4	1197.1
37.5°	954.1	948.5	941.5	940.1	944.3	958.2	972.2	1001.6	1029.5	1082.6	1134.3
40°	903.8	901.0	898.2	895.4	898.2	912.2	926.1	954.1	980.6	1032.3	1082.6
42.5°	859.1	857.7	856.3	856.3	857.7	873.0	888.4	916.3	942.9	989.0	1035.1
45°	815.8	817.2	817.2	820.0	824.1	839.5	853.5	884.2	914.9	959.6	1004.3
47.5°	775.3	779.5	782.2	789.2	793.4	810.2	825.5	859.1	892.6	948.5	1002.9
50°	740.3	744.5	747.3	752.9	764.1	783.6	803.2	843.7	882.8	976.4	1068.6
52.5°	708.2	712.4	716.6	722.2	736.1	758.5	780.8	831.1	880.0	989.0	1097.9
55°	678.9	683.1	685.9	694.2	708.2	727.8	745.9	807.4	868.8	948.5	1028.1
57.5°	650.9	655.1	657.9	663.5	670.5	691.4	711.0	776.7	842.3	898.2	952.7
60°	621.6	624.4	625.8	625.8	631.4	655.1	678.9	762.7	845.1	835.3	824.1
62.5°	589.5	592.3	593.7	589.5	596.5	621.6	646.7	755.7	864.7	797.6	730.6
65°	560.1	558.7	557.3	553.2	561.5	586.7	610.4	664.9	719.4	692.8	666.3
67.5°	528.0	523.8	519.6	514.0	522.4	544.8	565.7	583.9	602.0	604.8	607.6
70°	487.5	481.9	476.3	474.9	479.1	497.3	515.4	528.0	539.2	544.8	549.0
72.5°	440.0	435.8	431.6	428.8	430.2	445.6	459.6	470.7	481.9	486.1	488.9
75°	386.9	386.9	385.5	377.2	377.2	389.7	400.9	410.7	420.5	426.0	431.6
77.5°	329.7	331.1	331.1	319.9	318.5	331.1	342.2	350.6	357.6	363.2	367.4
80°	264.0	261.2	258.4	251.4	248.6	264.0	278.0	285.0	290.5	291.9	291.9
82.5°	202.5	197.0	190.0	174.6	176.0	192.8	208.1	213.7	219.3	219.3	219.3
85°	138.3	127.1	114.5	102.0	103.4	121.5	138.3	143.9	149.5	152.3	153.7
87.5°	65.7	54.5	41.9	32.1	32.1	47.5	61.5	64.3	67.0	72.6	78.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320811
 CATALOG NUMBER: GAN-SA7C-830-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

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CATALOG NUMBER: GAN-SA7C-830-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1
2.5°	9961.0	10081.2	10205.5	10329.8	10472.3	10614.8	10781.0	10945.8	11086.9	11228.0	11345.3
5°	8379.8	8571.2	8796.1	9020.9	9307.3	9593.7	9944.3	10293.5	10605.0	10916.5	11278.3
7.5°	6637.9	6886.5	7179.9	7473.2	7843.4	8213.6	8667.5	9121.5	9561.5	10000.1	10556.1
10°	5567.9	5829.1	6118.3	6406.0	6783.2	7158.9	7639.4	8118.6	8613.1	9106.2	9734.7
12.5°	5006.4	5295.5	5549.7	5804.0	6109.9	6414.4	6879.6	7344.7	7925.8	8505.5	9110.3
15°	4407.1	4722.8	5027.3	5331.8	5665.7	5998.1	6450.7	6903.3	7538.9	8174.4	8870.1
17.5°	3682.1	4014.6	4386.2	4756.3	5192.1	5626.6	6206.3	6786.0	7538.9	8290.4	9110.3
20°	2926.4	3265.9	3710.1	4154.3	4696.3	5236.8	5988.4	6739.9	7754.0	8766.7	9813.0
22.5°	2309.0	2607.9	3092.7	3576.0	4201.8	4827.6	5791.4	6753.8	8079.5	9403.7	10815.9
25°	1871.8	2082.7	2559.1	3034.0	3756.2	4478.3	5671.3	6862.8	8553.0	10241.8	11993.5
27.5°	1603.6	1741.9	2186.1	2628.9	3418.1	4206.0	5622.4	7037.4	9153.6	11269.9	13274.4
30°	1469.5	1565.9	1941.6	2316.0	3117.8	3919.6	5563.7	7207.8	9732.0	12254.7	14276.0
32.5°	1357.8	1434.6	1755.9	2075.7	2858.0	3640.2	5450.6	7259.5	10135.6	13011.8	15123.8
35°	1262.8	1327.0	1606.4	1885.8	2654.0	3422.3	5260.6	7098.9	10388.5	13678.1	16006.7
37.5°	1185.9	1236.2	1494.6	1753.1	2478.0	3203.0	5044.1	6885.1	10613.4	14341.6	16999.8
40°	1125.9	1169.2	1410.8	1652.5	2310.4	2968.3	4858.3	6746.9	10923.5	15100.1	18048.9
42.5°	1092.3	1148.2	1338.2	1526.8	2151.2	2775.6	4708.8	6642.1	11211.2	15779.0	18966.6
45°	1084.0	1163.6	1300.5	1437.4	2032.4	2627.5	4576.1	6523.4	11397.0	16270.7	19658.1
47.5°	1070.0	1135.7	1271.1	1406.6	1973.8	2539.5	4504.9	6468.9	11582.8	16695.3	20232.2
50°	1078.4	1086.8	1247.4	1406.6	1965.4	2524.1	4585.9	6647.7	11985.1	17321.1	20888.7
52.5°	1063.0	1026.7	1202.7	1378.7	1964.0	2549.3	4819.2	7089.1	12732.4	18374.3	21599.7
55°	982.0	934.5	1118.9	1303.3	1934.7	2564.6	5097.2	7628.3	13735.4	19841.1	22877.8
57.5°	910.8	867.5	1023.9	1179.0	1845.3	2511.6	5383.5	8254.1	14795.6	21335.7	24318.0
60°	815.8	806.0	917.7	1029.5	1707.0	2383.0	5619.6	8854.7	15508.0	22159.9	24872.6
62.5°	737.5	743.1	825.5	908.0	1533.8	2158.2	5697.8	9236.1	15488.4	21740.8	24313.8
65°	677.5	687.3	768.3	849.3	1385.7	1922.1	5440.8	8958.1	14704.8	20450.1	23208.9
67.5°	618.8	630.0	726.4	821.4	1254.4	1686.0	4798.2	7909.0	13295.4	18680.3	21803.7
70°	562.9	576.9	681.7	786.4	1159.4	1531.0	3969.9	6408.8	11531.1	16652.0	20176.3
72.5°	502.9	516.8	628.6	740.3	1099.3	1456.9	3236.5	5014.7	9357.6	13699.0	17258.3
75°	441.4	451.2	572.7	692.8	1016.9	1341.0	2539.5	3736.6	7161.7	10586.8	13035.5
77.5°	379.9	392.5	494.5	595.1	863.3	1130.1	1913.7	2697.3	5255.0	7811.3	9065.6
80°	303.1	314.3	386.9	458.2	666.3	873.0	1315.8	1758.7	3616.5	5474.3	6181.1
82.5°	231.9	244.5	293.3	340.8	474.9	609.0	797.6	986.2	2402.6	3817.6	3876.3
85°	159.2	163.4	198.4	231.9	293.3	354.8	456.8	558.7	1589.6	2620.5	2183.3
87.5°	79.6	79.6	103.4	127.1	157.8	188.6	241.7	293.3	508.5	723.6	416.3
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



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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

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CATALOG NUMBER: GAN-SA7C-830-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1
2.5°	11494.8	11596.8	11700.1	11778.4	11858.0	11972.5	12087.1	12108.0	12130.4	12085.7	12041.0
5°	11642.9	11951.6	12261.7	12548.0	12834.4	13006.2	13178.0	13212.9	13247.9	13140.3	13031.3
7.5°	11093.9	11631.7	12169.5	12662.6	13155.7	13454.6	13754.9	13822.0	13890.4	13714.4	13538.4
10°	10360.5	11021.3	11682.0	12331.5	12981.1	13415.5	13849.9	13936.5	14023.1	13803.8	13584.5
12.5°	9793.4	10498.8	11204.2	11888.7	12574.6	13024.4	13474.2	13581.7	13689.3	13530.0	13369.4
15°	9618.8	10282.3	10945.8	11542.3	12140.1	12507.5	12876.3	12919.6	12964.3	12939.2	12914.0
17.5°	9935.9	10535.1	11135.8	11459.9	11785.3	11932.0	12080.1	12127.6	12176.5	12239.3	12303.6
20°	10704.2	11126.0	11549.3	11535.3	11519.9	11448.7	11376.1	11363.5	11350.9	11531.1	11712.7
22.5°	11851.0	12018.6	12187.6	11795.1	11402.6	11163.7	10923.5	10876.0	10827.1	11018.5	11211.2
25°	13095.6	13064.9	13032.7	12285.4	11536.7	11081.3	10625.9	10572.9	10519.8	10683.2	10848.0
27.5°	14327.6	14126.5	13925.3	12909.8	11894.3	11233.6	10572.9	10519.8	10466.7	10612.0	10757.2
30°	15231.4	14908.7	14586.1	13436.4	12286.8	11501.8	10716.7	10630.1	10542.1	10720.9	10899.7
32.5°	15936.8	15503.8	15070.8	13863.9	12657.0	11807.7	10958.4	10822.9	10687.4	10926.3	11165.1
35°	16640.8	16031.8	15421.4	14245.2	13067.7	12169.5	11269.9	11103.7	10937.4	11265.7	11594.0
37.5°	17526.5	16652.0	15776.2	14674.1	13571.9	12711.5	11849.6	11679.2	11508.8	11926.4	12345.5
40°	18487.5	17321.1	16154.7	15143.4	14132.1	13461.6	12789.7	12627.7	12464.2	12972.7	13481.1
42.5°	19286.5	17944.1	16601.7	15709.1	14815.1	14343.0	13869.5	13868.1	13865.3	14380.7	14896.2
45°	19936.0	18463.7	16990.1	16260.9	15530.3	15284.5	15038.6	15235.6	15432.6	15897.7	16364.3
47.5°	20420.8	18899.6	17377.0	16892.3	16407.6	16443.9	16480.2	16881.1	17282.0	17580.9	17881.3
50°	20736.4	19294.9	17851.9	17702.5	17553.0	17878.5	18205.3	18664.9	19125.9	19329.8	19533.7
52.5°	21196.0	19831.3	18465.1	18632.8	18800.4	19465.3	20130.2	20595.4	21060.5	21135.9	21212.8
55°	22259.0	20817.5	19374.5	19695.8	20018.5	20993.5	21969.9	22333.1	22696.2	22724.2	22752.1
57.5°	23769.0	22199.0	20628.9	20975.3	21321.7	22447.6	23574.9	23966.0	24358.5	24304.0	24248.2
60°	24899.1	23510.6	22120.7	22470.0	22819.2	23917.1	25015.0	25464.8	25916.0	25795.9	25675.8
62.5°	24968.9	24227.2	23484.1	23799.8	24116.9	25192.4	26268.0	26730.4	27192.8	26983.2	26773.7
65°	23858.4	24190.9	24523.3	24628.1	24732.9	25735.8	26740.2	27093.6	27448.4	27342.2	27236.1
67.5°	22328.9	23553.9	24780.4	24569.4	24358.5	24829.3	25300.0	25664.6	26029.2	25969.1	25907.6
70°	20802.1	22437.8	24073.6	23037.1	21999.2	21805.0	21610.9	22003.4	22397.3	22154.3	21909.8
72.5°	18202.5	19945.8	21690.5	19781.0	17871.5	17208.0	16544.5	17043.1	17541.8	17154.9	16766.6
75°	14288.5	16214.8	18142.5	15864.2	13585.9	12700.3	11814.7	12243.5	12672.4	12406.9	12140.1
77.5°	10637.1	12535.5	14433.8	12117.8	9800.4	9142.5	8483.2	8610.3	8738.8	8694.1	8648.0
80°	7214.8	8537.6	9861.9	8319.7	6777.6	6827.9	6879.6	6819.5	6758.0	6847.4	6936.8
82.5°	4604.1	5625.2	6647.7	5829.1	5010.6	5479.9	5949.2	5718.8	5486.9	5572.1	5658.7
85°	2627.5	3626.3	4626.4	4312.1	3996.4	4270.2	4545.4	4187.8	3830.2	3986.6	4144.5
87.5°	692.8	2005.9	3320.3	3014.4	2708.5	2353.7	1998.9	1525.4	1051.8	1536.6	2021.3
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



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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: P320811

CATALOG NUMBER: GAN-SA7C-830-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1	10644.1
2.5°	12017.2	11993.5	11908.3	11821.7	11693.1	11587.0	11402.6
5°	12880.5	12729.6	12469.8	12208.6	11918.0	11584.2	11214.0
7.5°	13186.4	12833.0	12334.3	11834.2	11384.4	10856.4	10364.7
10°	13056.5	12527.1	11878.9	11229.4	10683.2	10075.6	9529.4
12.5°	12807.8	12244.9	11531.1	10815.9	10194.3	9542.0	8930.2
15°	12465.6	12015.8	11346.7	10677.6	10051.8	9417.7	8692.7
17.5°	12091.3	11877.5	11394.2	10909.5	10367.5	9752.9	8902.2
20°	11789.5	11867.8	11675.0	11482.2	11047.8	10511.4	9555.9
22.5°	11585.6	11961.3	12109.4	12258.9	11997.7	11578.6	10473.7
25°	11471.0	12094.0	12589.9	13087.2	12971.3	12648.6	11588.4
27.5°	11521.3	12285.4	13055.1	13826.2	13933.7	13844.3	12763.1
30°	11672.2	12446.1	13383.4	14322.0	14750.9	14871.0	13742.3
32.5°	11923.6	12682.1	13703.2	14725.7	15373.9	15756.6	14637.7
35°	12303.6	13013.2	14077.6	15142.0	15980.1	16678.6	15562.5
37.5°	12955.9	13566.3	14548.3	15531.7	16618.5	17667.5	16580.8
40°	13911.4	14343.0	15172.7	16003.9	17371.4	18787.8	17716.4
42.5°	15116.9	15339.0	15996.9	16654.8	18157.8	19804.7	18826.9
45°	16422.9	16481.6	16895.1	17309.9	18780.8	20497.6	19660.9
47.5°	17680.1	17479.0	17643.8	17808.6	19258.6	20992.1	20293.6
50°	18973.6	18413.5	18326.9	18240.3	19736.3	21574.6	21098.2
52.5°	20289.4	19366.1	19023.9	18680.3	20306.2	22347.0	22099.8
55°	21577.4	20402.6	19941.6	19480.7	21177.9	23289.9	23570.7
57.5°	22917.0	21585.7	21158.3	20730.9	22458.8	24484.2	24890.7
60°	24358.5	23039.9	22697.6	22354.0	24051.2	25774.9	25478.8
62.5°	25726.0	24678.4	24498.2	24316.6	25661.8	26766.7	25249.7
65°	26639.6	26041.7	26209.4	26378.4	26879.9	27014.0	24579.2
67.5°	26029.2	26150.7	26858.9	27568.5	27223.5	26279.2	23257.8
70°	22637.6	23366.7	25044.4	26723.4	25957.9	24311.0	20885.9
72.5°	17585.1	18405.1	20895.7	23387.7	22682.3	20665.2	17154.9
75°	13064.9	13991.0	16740.0	19489.0	18509.8	15457.7	12282.6
77.5°	9268.2	9888.4	12602.5	15318.0	13721.4	10289.3	8265.2
80°	6746.9	6556.9	8069.7	9582.5	9317.1	6805.5	5308.1
82.5°	5194.9	4731.2	5443.6	6156.0	6116.9	4722.8	3894.5
85°	3958.7	3772.9	4402.9	5032.9	4493.7	3198.8	2475.2
87.5°	2307.6	2595.4	3337.1	4080.2	3061.9	970.8	480.5
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: P320811
 CATALOG NUMBER: GAN-SA7C-830-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)