

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: P320602

Luminaire Tested: **GAN-SA8B-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320602
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-SA8B-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 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: 36654 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

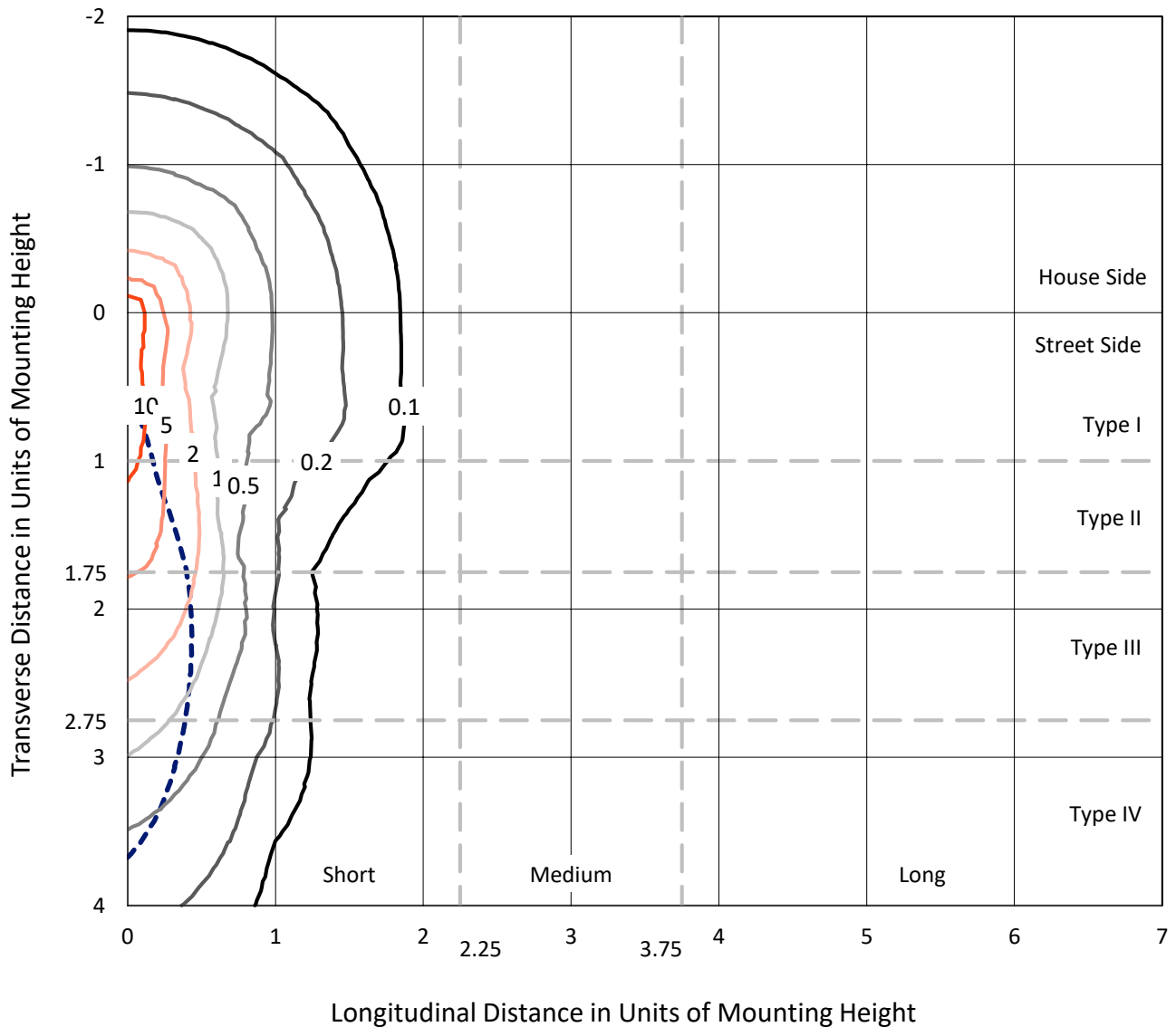
Input Watts (W): 334
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

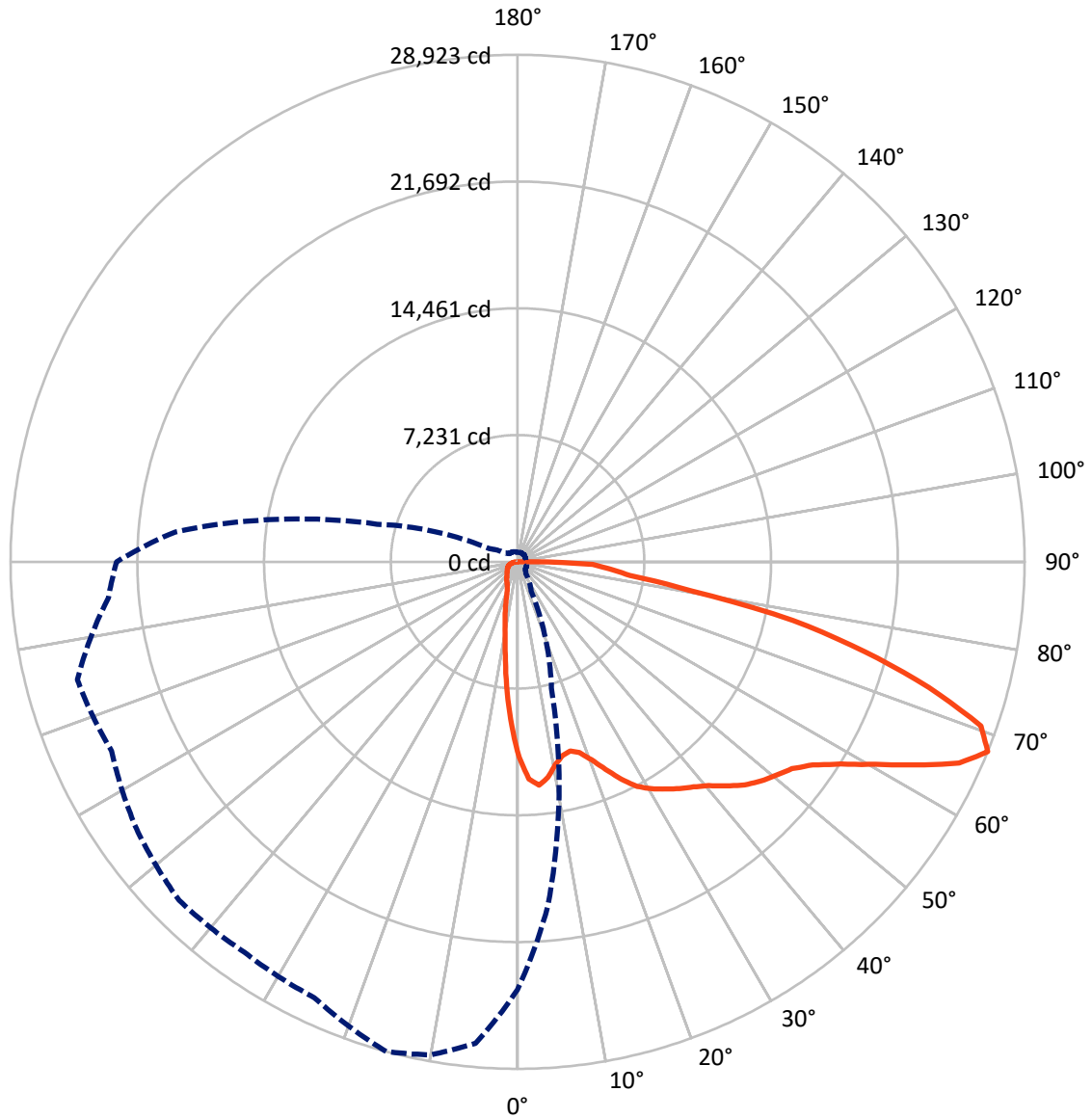
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.9 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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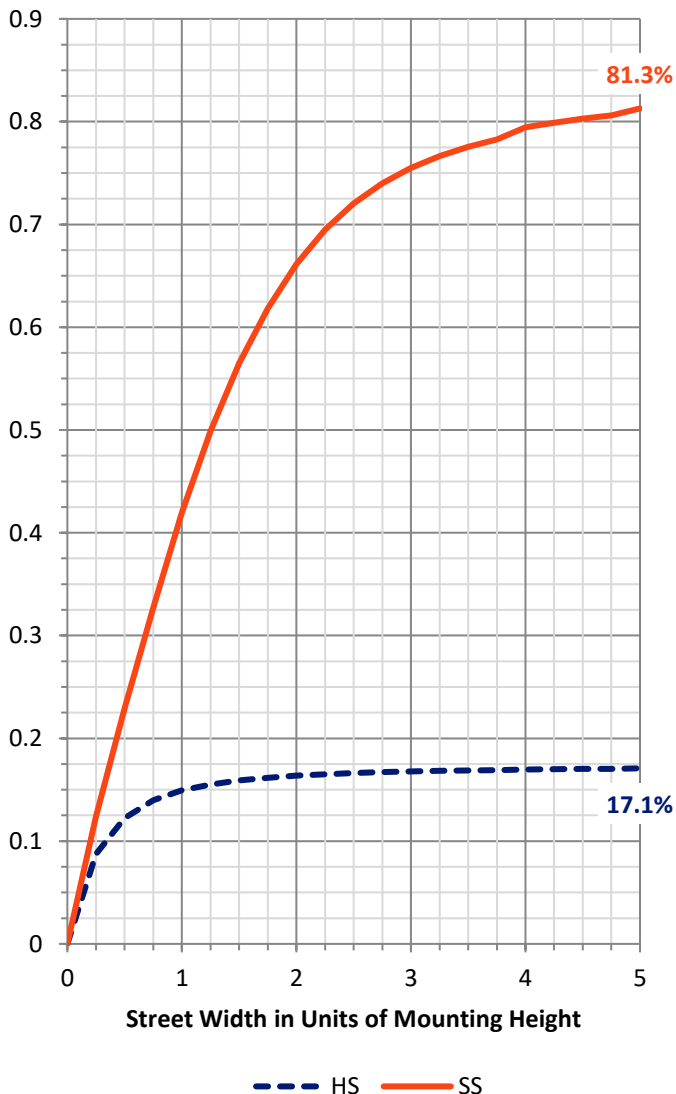
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6336.7	0.0	6336.7
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	30317.3	0.0	30317.3
	% Fixture	82.7	0.0	82.7
Total	Lumens	36654.0	0.0	36654.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	861.8	2.4
10°-20°	1790.4	4.9
20°-30°	2546.3	6.9
30°-40°	3669.2	10.0
40°-50°	5170.9	14.1
50°-60°	7188.5	19.6
60°-70°	8693.0	23.7
70°-80°	5343.5	14.6
80°-90°	1390.4	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°	36654.0	100.0
0°-180°	36654.0	100.0

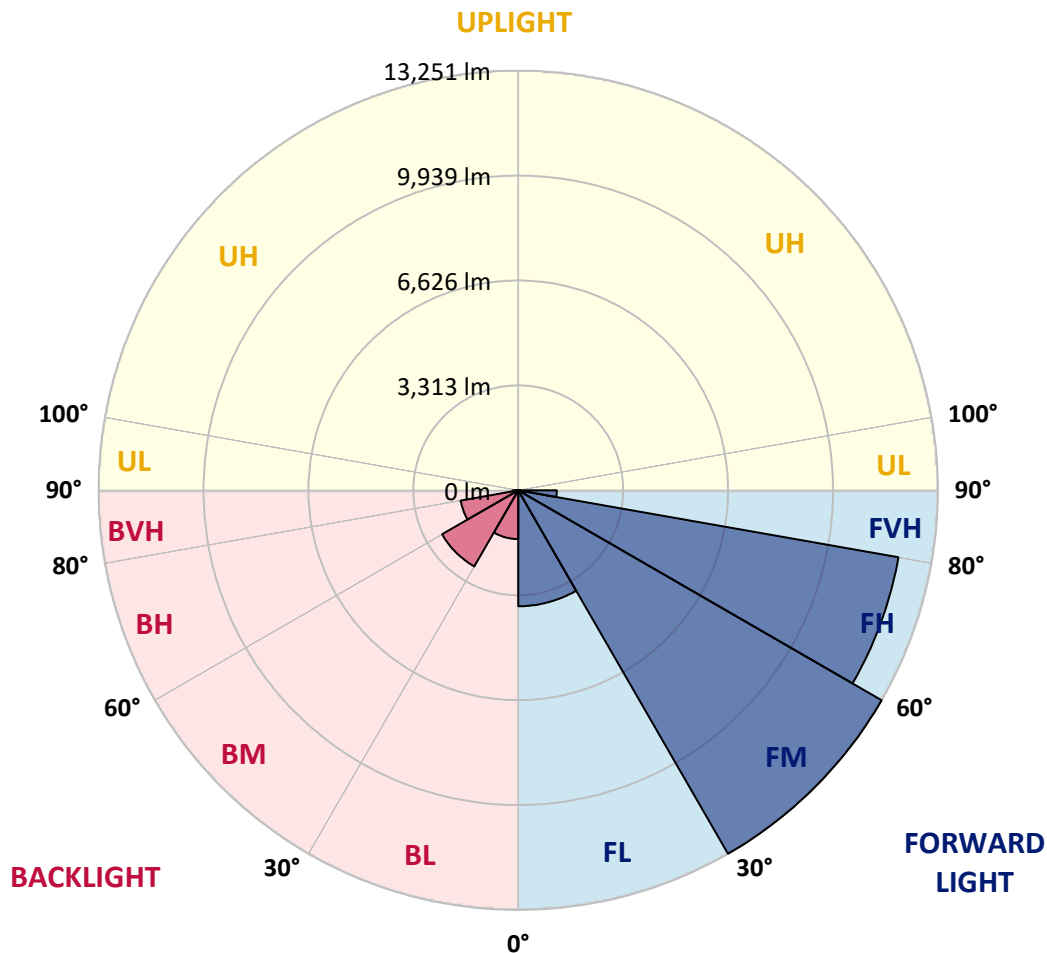


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3660.0	10.0			
FM (30°-60°)	13251.3	36.2			
FH (60°-80°)	12189.9	33.3			G5
FVH (80°-90°)	1216.1	3.3			G5
BL (0°-30°)	1538.5	4.2	B3/2500		
BM (30°-60°)	2777.3	7.6	B3/5000		
BH (60°-80°)	1846.6	5.0	B3/2500		G3/2500
BVH (80°-90°)	174.3	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°	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9
2.5°	11962.6	11857.1	11697.4	11537.7	11419.0	11298.8	11162.5	11026.2	10870.9	10714.1	10621.7
5°	11764.8	11471.7	11090.7	10709.7	10457.6	10205.5	9919.8	9634.0	9351.2	9068.3	8915.9
7.5°	10873.8	10434.2	9938.8	9443.5	9077.1	8709.3	8313.6	7916.5	7564.8	7211.6	6993.2
10°	9997.4	9469.9	8901.3	8331.2	7862.3	7393.3	6996.2	6597.6	6332.3	6067.1	5866.3
12.5°	9368.8	8784.0	8158.3	7531.1	7062.1	6593.2	6341.1	6089.0	5869.2	5649.4	5417.8
15°	9119.6	8458.7	7818.3	7176.4	6750.0	6323.5	6043.6	5762.2	5467.7	5171.6	4887.3
17.5°	9339.5	8565.7	7869.6	7173.5	6615.1	6056.8	5665.5	5272.8	4884.4	4496.1	4166.3
20°	10025.3	9037.6	8127.5	7216.0	6473.0	5730.0	5205.4	4679.3	4181.0	3682.7	3309.0
22.5°	10988.1	9680.9	8492.4	7303.9	6344.0	5382.7	4724.7	4065.2	3476.1	2887.0	2520.6
25°	12157.6	10533.8	9018.5	7501.8	6291.3	5079.3	4270.4	3461.4	2840.1	2217.3	1956.4
27.5°	13390.0	11550.8	9672.1	7791.9	6300.1	4808.2	3887.9	2966.1	2406.3	1846.5	1667.7
30°	14417.3	12713.0	10434.2	8153.9	6333.8	4513.7	3527.4	2541.1	2079.5	1617.9	1502.1
32.5°	15356.7	13523.4	11008.6	8492.4	6371.9	4249.9	3249.0	2246.6	1869.9	1491.9	1396.6
35°	16326.8	14242.9	11410.2	8575.9	6305.9	4034.4	3058.4	2082.4	1735.1	1386.3	1305.7
37.5°	17395.2	15021.1	11797.0	8571.5	6194.5	3817.6	2910.4	2001.8	1647.2	1291.1	1232.5
40°	18586.6	15881.3	12216.2	8551.0	6093.4	3634.4	2800.5	1965.2	1598.8	1231.0	1181.2
42.5°	19751.6	16702.0	12606.0	8510.0	6011.4	3511.3	2692.1	1872.9	1554.9	1235.4	1165.1
45°	20626.5	17418.6	12944.5	8469.0	5949.8	3430.7	2607.1	1783.5	1513.8	1244.2	1154.8
47.5°	21290.4	18138.1	13319.7	8499.7	5944.0	3388.2	2547.0	1705.8	1436.2	1165.1	1128.4
50°	22134.5	19002.8	13866.3	8729.8	6024.6	3319.3	2476.6	1632.5	1361.4	1090.3	1140.1
52.5°	23185.2	20236.7	14713.3	9188.5	6193.1	3197.7	2365.3	1532.9	1270.6	1006.8	1084.4
55°	24728.4	21817.9	15796.3	9773.2	6396.8	3018.9	2196.7	1373.1	1150.4	926.2	995.1
57.5°	26113.2	23415.3	16835.3	10253.9	6524.3	2793.2	1984.2	1175.3	1015.6	855.8	895.4
60°	26730.2	24238.9	17321.9	10403.4	6448.1	2492.8	1745.4	996.5	896.9	797.2	789.9
62.5°	26489.9	23715.7	16842.7	9969.6	6075.8	2182.1	1534.3	886.6	811.9	735.7	719.5
65°	25786.4	22071.5	15500.3	8929.1	5447.2	1965.2	1401.0	836.8	753.3	669.7	652.1
67.5°	24400.1	19731.1	13598.1	7465.1	4648.5	1831.8	1324.8	817.7	716.6	614.0	593.5
70°	21911.7	16914.5	11407.2	5898.5	3824.9	1749.8	1275.0	800.1	677.0	552.5	533.4
72.5°	17997.5	13561.5	9109.4	4655.8	3197.7	1739.5	1269.1	798.7	644.8	490.9	473.3
75°	12885.9	10300.8	6953.7	3605.1	2618.8	1632.5	1204.6	776.7	600.8	423.5	407.4
77.5°	8671.2	7129.5	4833.1	2535.3	1943.2	1351.2	1012.6	674.1	514.4	354.6	338.5
80°	5568.8	4934.2	3238.7	1543.1	1260.3	977.5	723.9	470.4	375.2	278.4	265.3
82.5°	4085.7	3672.5	2251.0	829.5	700.5	570.1	442.6	315.1	256.5	197.8	192.0
85°	2596.8	2863.5	1657.4	451.4	369.3	287.2	237.4	187.6	148.0	108.4	108.4
87.5°	504.1	697.6	458.7	218.4	159.7	101.1	86.5	70.3	39.6	7.3	8.8
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°	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9
2.5°	10527.9	10426.8	10325.7	10211.4	10095.6	9988.7	9880.2	9761.5	9783.5	9692.6	9601.8
5°	8763.5	8602.3	8439.7	8299.0	8158.3	8036.6	7913.5	7803.6	7898.9	7834.4	7769.9
7.5°	6773.4	6574.1	6373.3	6204.8	6036.3	5905.9	5774.0	5683.1	5776.9	5765.2	5753.4
10°	5665.5	5472.1	5277.2	5091.0	4904.9	4746.7	4586.9	4452.1	4428.7	4361.2	4292.4
12.5°	5184.8	4919.6	4652.9	4458.0	4263.1	4074.0	3885.0	3726.7	3654.9	3543.5	3430.7
15°	4603.0	4289.4	3975.8	3754.5	3531.8	3348.6	3164.0	3027.7	2982.2	2895.8	2809.3
17.5°	3836.6	3493.7	3150.8	2926.5	2700.9	2554.3	2406.3	2315.4	2315.4	2290.5	2265.6
20°	2935.3	2629.1	2322.8	2151.3	1979.9	1902.2	1823.0	1784.9	1796.7	1798.1	1798.1
22.5°	2152.8	1965.2	1777.6	1708.7	1638.4	1610.6	1582.7	1566.6	1572.5	1573.9	1575.4
25°	1695.6	1623.7	1550.5	1515.3	1478.7	1461.1	1443.5	1437.6	1450.8	1452.3	1452.3
27.5°	1488.9	1445.0	1399.5	1377.5	1354.1	1346.8	1339.4	1329.2	1342.4	1342.4	1340.9
30°	1384.9	1338.0	1291.1	1263.2	1235.4	1238.3	1239.8	1236.9	1245.7	1251.5	1255.9
32.5°	1299.9	1254.4	1209.0	1181.2	1151.9	1147.5	1143.1	1140.1	1159.2	1169.4	1179.7
35°	1223.7	1173.8	1124.0	1097.6	1071.3	1061.0	1050.7	1043.4	1061.0	1074.2	1087.4
37.5°	1172.4	1121.1	1068.3	1043.4	1017.0	1003.8	990.7	981.9	989.2	995.1	1000.9
40°	1131.3	1078.6	1024.4	995.1	965.7	952.6	939.4	932.0	936.4	937.9	939.4
42.5°	1093.2	1042.0	990.7	958.4	924.7	908.6	892.5	883.7	886.6	889.5	891.0
45°	1065.4	1014.1	961.3	923.2	883.7	866.1	848.5	838.2	839.7	839.7	839.7
47.5°	1091.8	1017.0	940.8	896.9	851.4	830.9	810.4	800.1	797.2	794.3	791.4
50°	1188.5	1061.0	932.0	876.4	819.2	797.2	773.8	762.0	754.7	751.8	748.9
52.5°	1160.7	1050.7	939.4	867.6	794.3	767.9	741.5	722.5	715.2	710.8	706.4
55°	1062.5	993.6	923.2	836.8	750.3	726.9	702.0	688.8	675.6	672.7	669.7
57.5°	933.5	905.7	877.8	789.9	702.0	680.0	656.5	647.7	636.0	636.0	634.5
60°	781.1	822.1	863.2	762.0	659.5	634.5	609.6	602.3	597.9	596.4	595.0
62.5°	702.0	769.4	835.3	728.3	619.9	593.5	567.1	558.3	556.9	558.3	558.3
65°	634.5	655.1	675.6	625.8	575.9	549.6	521.7	512.9	515.8	520.2	524.6
67.5°	573.0	568.6	564.2	546.6	527.6	505.6	482.1	473.3	474.8	480.7	486.5
70°	514.4	508.5	501.2	488.0	474.8	455.8	436.7	430.8	429.4	436.7	442.6
72.5°	455.8	448.4	439.6	429.4	417.7	401.5	385.4	381.0	382.5	386.9	391.3
75°	391.3	385.4	378.1	369.3	359.0	344.4	329.7	326.8	329.7	334.1	338.5
77.5°	320.9	319.5	316.5	309.2	301.9	285.8	268.2	266.7	271.1	275.5	278.4
80°	250.6	252.1	253.5	247.7	241.8	224.2	205.2	203.7	208.1	212.5	216.9
82.5°	184.6	189.0	192.0	184.6	177.3	156.8	136.3	133.4	148.0	152.4	156.8
85°	107.0	112.8	118.7	112.8	107.0	86.5	65.9	64.5	77.7	85.0	92.3
87.5°	8.8	11.7	14.7	13.2	11.7	5.9	0.0	0.0	1.5	7.3	13.2
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: P320602
 CATALOG NUMBER: GAN-SA8B-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: P320602

CATALOG NUMBER: GAN-SA8B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9
2.5°	9544.6	9487.5	9469.9	9452.3	9387.8	9321.9	9389.3	9455.2	9483.1	9510.9	9439.1
5°	7761.1	7750.9	7750.9	7749.4	7690.8	7630.7	7676.1	7720.1	7621.9	7523.7	7513.5
7.5°	5816.5	5879.5	5930.8	5980.6	5961.5	5942.5	5985.0	6027.5	5902.9	5776.9	5715.3
10°	4307.0	4320.2	4375.9	4431.6	4444.8	4456.5	4509.3	4560.5	4463.8	4367.1	4324.6
12.5°	3360.3	3290.0	3297.3	3303.2	3329.6	3354.5	3410.2	3464.4	3424.8	3383.8	3388.2
15°	2721.4	2632.0	2595.4	2557.2	2586.6	2615.9	2655.4	2693.5	2695.0	2695.0	2733.1
17.5°	2221.7	2176.2	2139.6	2101.5	2141.1	2179.2	2183.6	2187.9	2189.4	2190.9	2187.9
20°	1820.1	1842.1	1830.4	1818.7	1833.3	1846.5	1858.2	1868.5	1855.3	1840.6	1804.0
22.5°	1595.9	1614.9	1629.6	1642.8	1667.7	1691.2	1679.4	1666.2	1639.9	1612.0	1584.2
25°	1465.5	1478.7	1493.3	1508.0	1528.5	1547.5	1527.0	1506.5	1487.5	1468.4	1449.4
27.5°	1355.6	1368.8	1381.9	1393.7	1412.7	1430.3	1411.2	1392.2	1376.1	1360.0	1345.3
30°	1266.2	1275.0	1285.2	1295.5	1313.1	1329.2	1313.1	1295.5	1283.8	1270.6	1260.3
32.5°	1190.0	1198.8	1203.2	1207.5	1223.7	1239.8	1228.1	1216.3	1206.1	1195.8	1188.5
35°	1106.4	1124.0	1126.9	1129.9	1146.0	1162.1	1154.8	1146.0	1134.3	1122.6	1109.4
37.5°	1021.4	1042.0	1053.7	1063.9	1080.1	1096.2	1088.8	1081.5	1065.4	1049.3	1025.8
40°	949.6	958.4	980.4	1000.9	1027.3	1052.2	1037.6	1021.4	996.5	971.6	959.9
42.5°	889.5	888.1	908.6	929.1	968.7	1006.8	980.4	954.0	930.6	907.1	904.2
45°	836.8	832.4	842.6	852.9	895.4	936.4	910.1	882.2	869.0	855.8	855.8
47.5°	789.9	787.0	794.3	800.1	826.5	851.4	838.2	825.1	817.7	810.4	811.9
50°	747.4	744.5	751.8	757.6	767.9	776.7	779.6	781.1	776.7	772.3	775.2
52.5°	707.8	707.8	710.8	712.2	725.4	738.6	738.6	737.1	737.1	737.1	740.1
55°	674.1	677.0	677.0	677.0	697.6	716.6	710.8	704.9	706.4	706.4	709.3
57.5°	640.4	644.8	647.7	650.7	671.2	691.7	685.8	680.0	680.0	680.0	681.4
60°	602.3	608.2	614.0	619.9	640.4	660.9	655.1	647.7	649.2	650.7	652.1
62.5°	565.7	571.5	577.4	583.3	603.8	624.3	618.4	611.1	615.5	618.4	618.4
65°	530.5	534.9	540.8	546.6	565.7	584.7	578.9	573.0	578.9	583.3	586.2
67.5°	490.9	493.9	499.7	505.6	524.6	543.7	537.8	530.5	537.8	543.7	549.6
70°	445.5	448.4	455.8	461.6	480.7	499.7	492.4	485.1	492.4	499.7	505.6
72.5°	395.7	398.6	405.9	411.8	433.8	455.8	447.0	438.2	447.0	455.8	458.7
75°	341.5	344.4	353.2	360.5	382.5	404.5	397.1	388.4	395.7	403.0	404.5
77.5°	282.8	287.2	299.0	310.7	328.3	345.9	341.5	337.1	341.5	345.9	345.9
80°	221.3	225.7	240.3	253.5	263.8	274.0	275.5	277.0	278.4	279.9	278.4
82.5°	164.1	170.0	183.2	196.4	196.4	196.4	208.1	218.4	218.4	216.9	215.4
85°	101.1	108.4	120.2	131.9	124.6	117.2	136.3	153.9	153.9	152.4	149.5
87.5°	20.5	27.8	39.6	49.8	42.5	35.2	54.2	73.3	74.7	74.7	71.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320602
 CATALOG NUMBER: GAN-SA8B-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: P320602

CATALOG NUMBER: GAN-SA8B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9
2.5°	9365.8	9480.1	9593.0	9622.3	9666.3	9685.3	9702.9	9846.5	9988.7	10155.7	10322.8
5°	7501.8	7586.7	7671.7	7684.9	7730.4	7753.8	7777.3	7951.6	8124.6	8357.6	8590.6
7.5°	5653.8	5674.3	5694.8	5691.9	5730.0	5781.3	5831.1	6017.2	6201.9	6452.5	6701.6
10°	4282.1	4329.0	4374.4	4416.9	4500.5	4597.2	4692.4	4883.0	5073.5	5321.1	5567.3
12.5°	3392.6	3446.8	3499.5	3546.4	3643.2	3772.1	3899.6	4128.2	4356.8	4652.9	4947.4
15°	2769.7	2765.3	2760.9	2793.2	2878.2	3018.9	3158.1	3399.9	3641.7	3967.0	4290.9
17.5°	2185.0	2163.0	2141.1	2166.0	2245.1	2360.9	2475.2	2680.3	2884.0	3199.1	3514.2
20°	1767.4	1752.7	1738.0	1761.5	1811.3	1859.7	1908.0	2056.1	2202.6	2459.1	2714.1
22.5°	1554.9	1553.4	1550.5	1563.7	1587.1	1612.0	1635.5	1707.3	1777.6	1943.2	2107.3
25°	1430.3	1428.8	1427.4	1433.2	1452.3	1471.3	1490.4	1537.3	1584.2	1663.3	1742.4
27.5°	1330.6	1327.7	1324.8	1326.3	1330.6	1360.0	1387.8	1409.8	1430.3	1484.5	1537.3
30°	1250.0	1248.6	1247.1	1247.1	1242.7	1253.0	1263.2	1296.9	1329.2	1384.9	1440.6
32.5°	1181.2	1173.8	1166.5	1150.4	1140.1	1154.8	1169.4	1204.6	1239.8	1291.1	1342.4
35°	1094.7	1075.7	1055.1	1046.3	1047.8	1062.5	1077.1	1112.3	1146.0	1201.7	1255.9
37.5°	1000.9	995.1	987.7	986.3	990.7	1005.3	1020.0	1050.7	1080.1	1135.7	1190.0
40°	948.2	945.2	942.3	939.4	942.3	957.0	971.6	1000.9	1028.8	1083.0	1135.7
42.5°	901.3	899.8	898.3	898.3	899.8	915.9	932.0	961.3	989.2	1037.6	1085.9
45°	855.8	857.3	857.3	860.2	864.6	880.7	895.4	927.6	959.9	1006.8	1053.7
47.5°	813.3	817.7	820.7	828.0	832.4	850.0	866.1	901.3	936.4	995.1	1052.2
50°	776.7	781.1	784.0	789.9	801.6	822.1	842.6	885.1	926.2	1024.4	1121.1
52.5°	743.0	747.4	751.8	757.6	772.3	795.8	819.2	872.0	923.2	1037.6	1151.9
55°	712.2	716.6	719.5	728.3	743.0	763.5	782.6	847.0	911.5	995.1	1078.6
57.5°	682.9	687.3	690.2	696.1	703.4	725.4	745.9	814.8	883.7	942.3	999.5
60°	652.1	655.1	656.5	656.5	662.4	687.3	712.2	800.1	886.6	876.4	864.6
62.5°	618.4	621.4	622.8	618.4	625.8	652.1	678.5	792.8	907.1	836.8	766.4
65°	587.7	586.2	584.7	580.3	589.1	615.5	640.4	697.6	754.7	726.9	699.0
67.5°	553.9	549.6	545.2	539.3	548.1	571.5	593.5	612.6	631.6	634.5	637.5
70°	511.4	505.6	499.7	498.3	502.7	521.7	540.8	553.9	565.7	571.5	575.9
72.5°	461.6	457.2	452.8	449.9	451.4	467.5	482.1	493.9	505.6	510.0	512.9
75°	405.9	405.9	404.5	395.7	395.7	408.9	420.6	430.8	441.1	447.0	452.8
77.5°	345.9	347.3	347.3	335.6	334.1	347.3	359.0	367.8	375.2	381.0	385.4
80°	277.0	274.0	271.1	263.8	260.9	277.0	291.6	299.0	304.8	306.3	306.3
82.5°	212.5	206.6	199.3	183.2	184.6	202.2	218.4	224.2	230.1	230.1	230.1
85°	145.1	133.4	120.2	107.0	108.4	127.5	145.1	150.9	156.8	159.7	161.2
87.5°	68.9	57.2	44.0	33.7	33.7	49.8	64.5	67.4	70.3	76.2	82.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320602
 CATALOG NUMBER: GAN-SA8B-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: P320602
 CATALOG NUMBER: GAN-SA8B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9
2.5°	10450.3	10576.3	10706.7	10837.2	10986.6	11136.1	11310.5	11483.4	11631.4	11779.5	11902.6
5°	8791.4	8992.1	9228.1	9464.0	9764.4	10064.9	10432.7	10799.1	11125.9	11452.7	11832.2
7.5°	6963.9	7224.8	7532.5	7840.3	8228.6	8617.0	9093.3	9569.5	10031.2	10491.3	11074.6
10°	5841.4	6115.4	6418.8	6720.7	7116.3	7510.5	8014.7	8517.3	9036.1	9553.4	10212.9
12.5°	5252.3	5555.6	5822.3	6089.0	6410.0	6729.4	7217.4	7705.5	8315.1	8923.3	9557.8
15°	4623.6	4954.8	5274.2	5593.7	5944.0	6292.7	6767.5	7242.4	7909.2	8575.9	9305.7
17.5°	3863.0	4211.8	4601.6	4989.9	5447.2	5902.9	6511.1	7119.3	7909.2	8697.6	9557.8
20°	3070.2	3426.3	3892.3	4358.3	4926.9	5494.1	6282.5	7070.9	8134.8	9197.3	10294.9
22.5°	2422.4	2736.0	3244.6	3751.6	4408.1	5064.7	6075.8	7085.6	8476.3	9865.6	11347.1
25°	1963.7	2185.0	2684.7	3183.0	3940.7	4698.3	5949.8	7199.9	8973.1	10744.8	12582.5
27.5°	1682.4	1827.4	2293.5	2758.0	3586.0	4412.5	5898.5	7383.0	9603.2	11823.4	13926.4
30°	1541.7	1642.8	2037.0	2429.8	3270.9	4112.1	5837.0	7561.8	10209.9	12856.6	14977.1
32.5°	1424.4	1505.0	1842.1	2177.7	2998.4	3819.0	5718.3	7616.1	10633.5	13650.9	15866.7
35°	1324.8	1392.2	1685.3	1978.4	2784.4	3590.4	5519.0	7447.5	10898.7	14349.9	16792.8
37.5°	1244.2	1296.9	1568.1	1839.2	2599.7	3360.3	5291.8	7223.3	11134.7	15046.0	17834.8
40°	1181.2	1226.6	1480.1	1733.7	2423.9	3114.1	5096.9	7078.2	11460.0	15841.8	18935.4
42.5°	1146.0	1204.6	1403.9	1601.8	2256.8	2911.9	4940.1	6968.3	11761.9	16554.0	19898.2
45°	1137.2	1220.7	1364.4	1508.0	2132.3	2756.6	4800.9	6843.8	11956.8	17069.8	20623.6
47.5°	1122.6	1191.4	1333.6	1475.7	2070.7	2664.2	4726.1	6786.6	12151.7	17515.3	21225.9
50°	1131.3	1140.1	1308.7	1475.7	2061.9	2648.1	4811.1	6974.2	12573.7	18171.9	21914.7
52.5°	1115.2	1077.1	1261.8	1446.4	2060.5	2674.5	5055.9	7437.3	13357.8	19276.8	22660.6
55°	1030.2	980.4	1173.8	1367.3	2029.7	2690.6	5347.5	8002.9	14410.0	20815.6	24001.5
57.5°	955.5	910.1	1074.2	1236.9	1935.9	2634.9	5647.9	8659.5	15522.3	22383.6	25512.4
60°	855.8	845.6	962.8	1080.1	1790.8	2500.1	5895.6	9289.6	16269.7	23248.2	26094.2
62.5°	773.8	779.6	866.1	952.6	1609.1	2264.2	5977.7	9689.7	16249.2	22808.6	25508.0
65°	710.8	721.0	806.0	891.0	1453.7	2016.5	5708.0	9398.1	15427.0	21454.5	24348.8
67.5°	649.2	660.9	762.0	861.7	1316.0	1768.8	5033.9	8297.5	13948.4	19597.8	22874.5
70°	590.6	605.2	715.2	825.1	1216.3	1606.2	4164.9	6723.6	12097.5	17469.9	21167.3
72.5°	527.6	542.2	659.5	776.7	1153.3	1528.5	3395.5	5261.0	9817.2	14371.9	18105.9
75°	463.1	473.3	600.8	726.9	1066.9	1406.9	2664.2	3920.1	7513.5	11106.8	13675.8
77.5°	398.6	411.8	518.8	624.3	905.7	1185.6	2007.7	2829.8	5513.1	8194.9	9510.9
80°	318.0	329.7	405.9	480.7	699.0	915.9	1380.5	1845.0	3794.1	5743.2	6484.7
82.5°	243.3	256.5	307.7	357.6	498.3	638.9	836.8	1034.6	2520.6	4005.1	4066.7
85°	167.1	171.5	208.1	243.3	307.7	372.2	479.2	586.2	1667.7	2749.2	2290.5
87.5°	83.5	83.5	108.4	133.4	165.6	197.8	253.5	307.7	533.4	759.1	436.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320602
 CATALOG NUMBER: GAN-SA8B-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: P320602

CATALOG NUMBER: GAN-SA8B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9
2.5°	12059.4	12166.3	12274.8	12356.9	12440.4	12560.6	12680.7	12702.7	12726.2	12679.3	12632.4
5°	12214.7	12538.6	12863.9	13164.3	13464.8	13645.0	13825.3	13861.9	13898.5	13785.7	13671.4
7.5°	11638.8	12203.0	12767.2	13284.5	13801.8	14115.4	14430.5	14500.8	14572.7	14388.0	14203.4
10°	10869.4	11562.6	12255.7	12937.2	13618.6	14074.4	14530.2	14621.0	14711.9	14481.8	14251.7
12.5°	10274.4	11014.5	11754.5	12472.6	13192.2	13664.1	14135.9	14248.8	14361.6	14194.6	14026.0
15°	10091.2	10787.3	11483.4	12109.2	12736.4	13121.8	13508.7	13554.1	13601.0	13574.7	13548.3
17.5°	10423.9	11052.6	11682.7	12022.7	12364.2	12518.1	12673.4	12723.2	12774.5	12840.5	12907.9
20°	11229.9	11672.5	12116.5	12101.9	12085.7	12011.0	11934.8	11921.6	11908.4	12097.5	12288.0
22.5°	12433.1	12608.9	12786.2	12374.4	11962.6	11712.1	11460.0	11410.2	11358.9	11559.6	11761.9
25°	13738.8	13706.6	13672.9	12888.8	12103.3	11625.6	11147.8	11092.2	11036.5	11207.9	11380.9
27.5°	15031.3	14820.3	14609.3	13543.9	12478.5	11785.3	11092.2	11036.5	10980.8	11133.2	11285.6
30°	15979.5	15641.0	15302.5	14096.4	12890.3	12066.7	11243.1	11152.2	11059.9	11247.5	11435.1
32.5°	16719.6	16265.3	15811.0	14544.8	13278.6	12387.6	11496.6	11354.5	11212.3	11462.9	11713.5
35°	17458.2	16819.2	16178.8	14944.9	13709.5	12767.2	11823.4	11649.0	11474.6	11819.0	12163.4
37.5°	18387.3	17469.9	16551.0	15394.8	14238.5	13335.8	12431.6	12252.8	12074.0	12512.2	12951.8
40°	19395.5	18171.9	16948.2	15887.2	14826.2	14122.8	13417.9	13247.9	13076.4	13609.8	14143.3
42.5°	20233.8	18825.5	17417.1	16480.7	15542.8	15047.5	14550.7	14549.2	14546.3	15087.0	15627.8
45°	20915.2	19370.6	17824.5	17059.6	16293.1	16035.2	15777.3	15983.9	16190.5	16678.5	17168.0
47.5°	21423.7	19827.8	18230.5	17722.0	17213.4	17251.5	17289.6	17710.2	18130.8	18444.4	18759.5
50°	21754.9	20242.6	18728.7	18571.9	18415.1	18756.6	19099.5	19581.6	20065.2	20279.2	20493.2
52.5°	22237.1	20805.3	19372.1	19547.9	19723.8	20421.3	21118.9	21606.9	22094.9	22174.1	22254.7
55°	23352.3	21839.9	20326.1	20663.2	21001.7	22024.6	23048.9	23430.0	23811.0	23840.3	23869.6
57.5°	24936.5	23289.3	21642.1	22005.5	22369.0	23550.1	24732.8	25143.1	25554.9	25497.7	25439.1
60°	26122.0	24665.4	23207.2	23573.6	23939.9	25091.8	26243.7	26715.6	27188.9	27062.9	26936.8
62.5°	26195.3	25417.1	24637.5	24968.7	25301.4	26429.8	27558.2	28043.3	28528.3	28308.5	28088.7
65°	25030.3	25379.0	25727.8	25837.7	25947.6	26999.9	28053.5	28424.3	28796.5	28685.1	28573.8
67.5°	23425.6	24710.8	25997.5	25776.2	25554.9	26048.8	26542.6	26925.1	27307.6	27244.6	27180.1
70°	21823.8	23539.9	25255.9	24168.6	23079.7	22876.0	22672.3	23084.1	23497.4	23242.4	22985.9
72.5°	19096.6	20925.5	22755.8	20752.5	18749.2	18053.1	17357.0	17880.2	18403.4	17997.5	17590.1
75°	14990.3	17011.2	19033.5	16643.4	14253.2	13324.1	12395.0	12844.9	13294.8	13016.3	12736.4
77.5°	11159.6	13151.1	15142.7	12713.0	10281.8	9591.5	8899.8	9033.2	9168.0	9121.1	9072.7
80°	7569.2	8957.0	10346.2	8728.3	7110.5	7163.2	7217.4	7154.4	7090.0	7183.7	7277.5
82.5°	4830.2	5901.5	6974.2	6115.4	5256.6	5749.0	6241.4	5999.6	5756.4	5845.8	5936.6
85°	2756.6	3804.4	4853.6	4523.9	4192.7	4479.9	4768.6	4393.5	4018.3	4182.5	4348.1
87.5°	726.9	2104.4	3483.4	3162.5	2841.5	2469.3	2097.1	1600.3	1103.5	1612.0	2120.5
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: P320602
 CATALOG NUMBER: GAN-SA8B-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: P320602

CATALOG NUMBER: GAN-SA8B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9	11166.9
2.5°	12607.5	12582.5	12493.1	12402.3	12267.5	12156.1	11962.6
5°	13513.1	13354.8	13082.3	12808.2	12503.4	12153.2	11764.8
7.5°	13834.1	13463.3	12940.1	12415.5	11943.6	11389.6	10873.8
10°	13697.8	13142.4	12462.4	11780.9	11207.9	10570.4	9997.4
12.5°	13436.9	12846.3	12097.5	11347.1	10695.0	10010.6	9368.8
15°	13077.9	12606.0	11904.0	11202.1	10545.5	9880.2	9119.6
17.5°	12685.1	12460.9	11953.9	11445.3	10876.7	10231.9	9339.5
20°	12368.6	12450.6	12248.4	12046.2	11590.4	11027.7	10025.3
22.5°	12154.6	12548.8	12704.2	12861.0	12586.9	12147.3	10988.1
25°	12034.5	12688.1	13208.3	13730.0	13608.4	13269.8	12157.6
27.5°	12087.2	12888.8	13696.3	14505.2	14618.1	14524.3	13390.0
30°	12245.5	13057.4	14040.7	15025.5	15475.4	15601.4	14417.3
32.5°	12509.3	13305.0	14376.3	15449.0	16129.0	16530.5	15356.7
35°	12907.9	13652.3	14769.0	15885.7	16765.0	17497.7	16326.8
37.5°	13592.3	14232.7	15262.9	16294.6	17434.7	18535.3	17395.2
40°	14594.6	15047.5	15918.0	16789.9	18224.6	19710.6	18586.6
42.5°	15859.3	16092.3	16782.6	17472.8	19049.7	20777.5	19751.6
45°	17229.6	17291.1	17724.9	18160.1	19703.3	21504.3	20626.5
47.5°	18548.5	18337.4	18510.4	18683.3	20204.5	22023.1	21290.4
50°	19905.5	19317.8	19227.0	19136.1	20705.7	22634.2	22134.5
52.5°	21286.0	20317.3	19958.3	19597.8	21303.6	23444.6	23185.2
55°	22637.1	21404.7	20921.1	20437.5	22218.0	24433.8	24728.4
57.5°	24042.5	22645.9	22197.5	21749.1	23561.9	25686.8	26113.2
60°	25554.9	24171.5	23812.5	23451.9	25232.5	27040.9	26730.2
62.5°	26989.6	25890.5	25701.4	25510.9	26922.2	28081.4	26489.9
65°	27948.0	27320.8	27496.6	27674.0	28200.1	28340.8	25786.4
67.5°	27307.6	27435.1	28178.1	28922.6	28560.6	27569.9	24400.1
70°	23749.4	24514.4	26274.4	28035.9	27232.9	25505.1	21911.7
72.5°	18448.8	19309.1	21922.0	24536.4	23796.3	21680.2	17997.5
75°	13706.6	14678.2	17562.2	20446.3	19419.0	16216.9	12885.9
77.5°	9723.4	10374.1	13221.5	16070.4	14395.3	10794.7	8671.2
80°	7078.2	6878.9	8466.0	10053.1	9774.7	7139.8	5568.8
82.5°	5450.1	4963.6	5710.9	6458.3	6417.3	4954.8	4085.7
85°	4153.1	3958.2	4619.2	5280.1	4714.4	3355.9	2596.8
87.5°	2421.0	2722.8	3501.0	4280.6	3212.3	1018.5	504.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320602
 CATALOG NUMBER: GAN-SA8B-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)