

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: P320593

Luminaire Tested: **GAN-SA9A-730-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320593  
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-SA9A-730-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(9) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 33343 lumens  
Efficiency: N/A  
Efficacy: 115.0 lumens/watt  
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

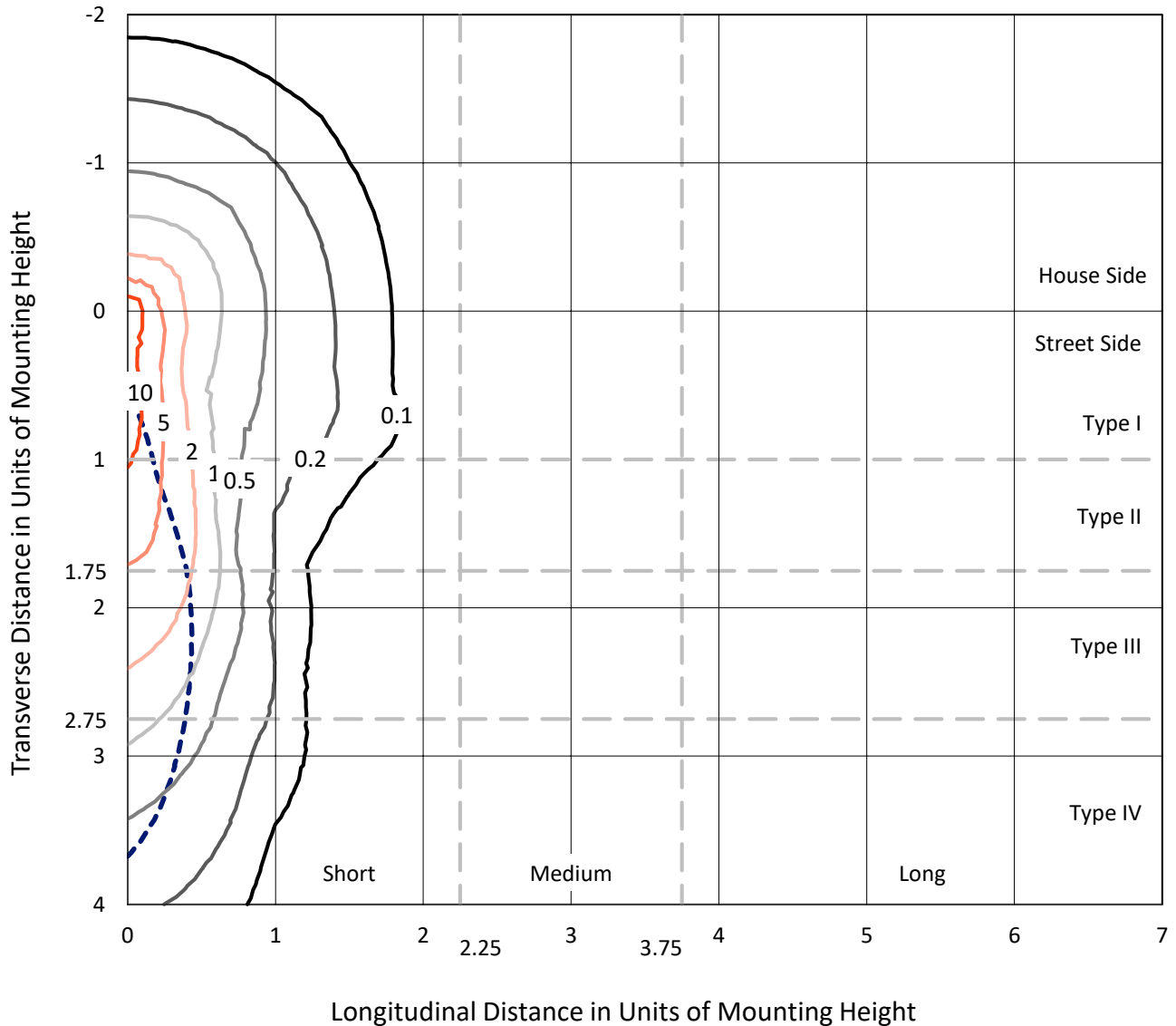
Input Watts (W): 290  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

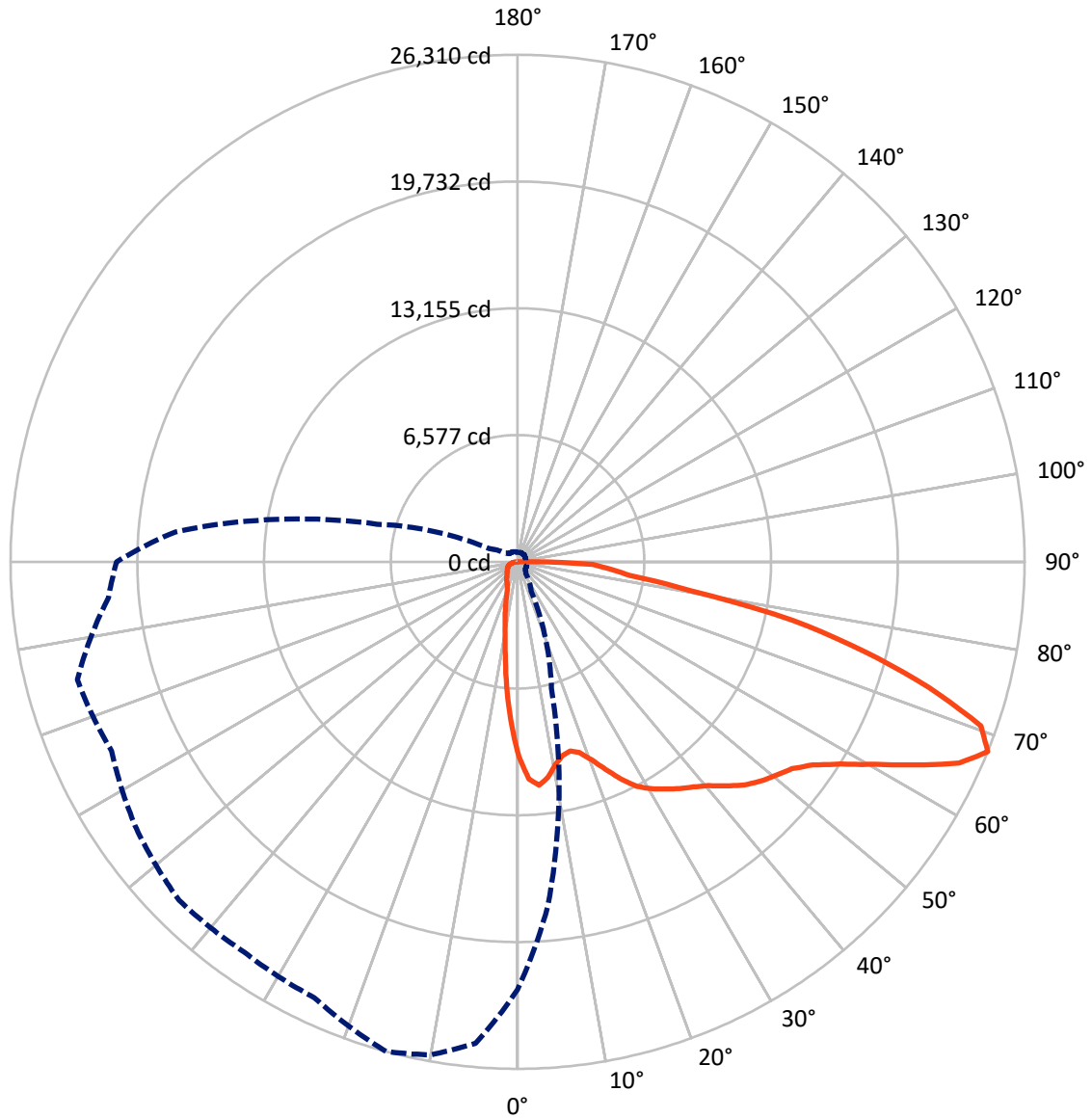
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.3 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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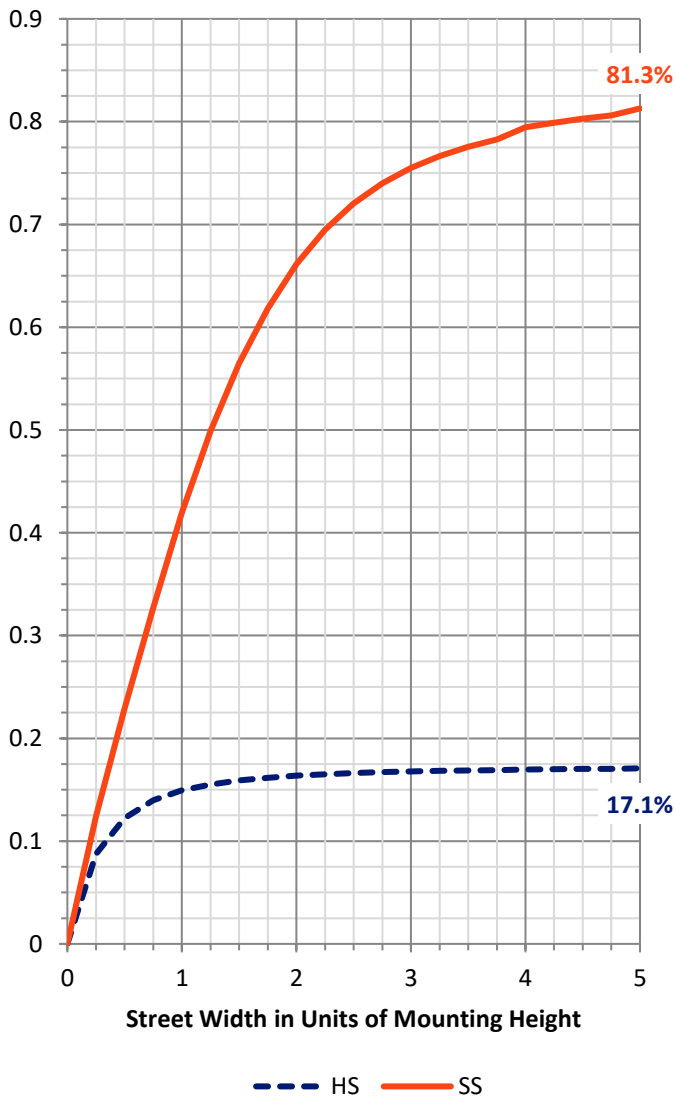
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5764.3	0.0	5764.3
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	27578.7	0.0	27578.7
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	33343.0	0.0	33343.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	784.0	2.4
10°-20°	1628.6	4.9
20°-30°	2316.3	6.9
30°-40°	3337.7	10.0
40°-50°	4703.8	14.1
50°-60°	6539.2	19.6
60°-70°	7907.8	23.7
70°-80°	4860.8	14.6
80°-90°	1264.8	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°	33343.0	100.0
0°-180°	33343.0	100.0

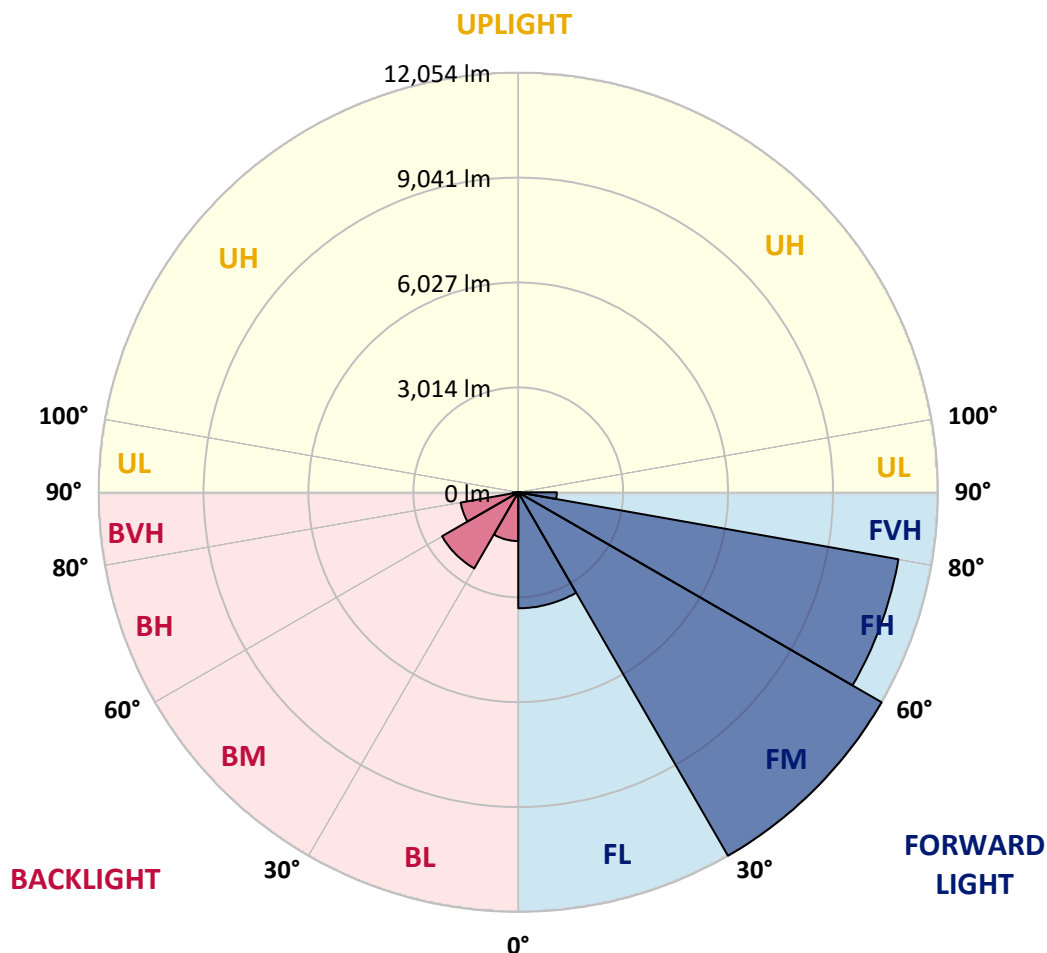


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3329.4	10.0			
FM (30°-60°)	12054.3	36.2			
FH (60°-80°)	11088.7	33.3			G4/12000
FVH (80°-90°)	1106.3	3.3			G5
BL (0°-30°)	1399.5	4.2	B3/2500		
BM (30°-60°)	2526.4	7.6	B3/5000		
BH (60°-80°)	1679.8	5.0	B3/2500		G3/2500
BVH (80°-90°)	158.6	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°	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2
2.5°	10882.0	10786.1	10640.8	10495.4	10387.5	10278.2	10154.2	10030.2	9888.9	9746.2	9662.3
5°	10702.1	10435.5	10088.9	9742.3	9513.0	9283.7	9023.7	8763.8	8506.5	8249.2	8110.5
7.5°	9891.6	9491.6	9041.0	8590.5	8257.2	7922.6	7562.6	7201.4	6881.4	6560.2	6361.5
10°	9094.4	8614.5	8097.2	7578.6	7152.0	6725.5	6364.2	6001.6	5760.3	5519.0	5336.4
12.5°	8522.5	7990.6	7421.3	6850.8	6424.2	5997.6	5768.3	5539.0	5339.0	5139.1	4928.4
15°	8295.8	7694.6	7112.1	6528.2	6140.2	5752.3	5497.7	5241.7	4973.8	4704.5	4445.9
17.5°	8495.8	7791.9	7158.7	6525.5	6017.6	5509.7	5153.7	4796.5	4443.2	4089.9	3790.0
20°	9119.7	8221.2	7393.3	6564.2	5888.3	5212.4	4735.1	4256.6	3803.3	3350.1	3010.1
22.5°	9995.5	8806.4	7725.3	6644.1	5771.0	4896.5	4297.9	3698.0	3162.1	2626.2	2292.9
25°	11059.3	9582.3	8203.9	6824.1	5723.0	4620.5	3884.6	3148.8	2583.5	2017.0	1779.7
27.5°	12180.5	10507.4	8798.4	7088.1	5731.0	4373.9	3536.7	2698.2	2188.9	1679.7	1517.1
30°	13115.0	11564.6	9491.6	7417.3	5761.6	4105.9	3208.8	2311.6	1891.7	1471.7	1366.4
32.5°	13969.5	12301.8	10014.2	7725.3	5796.3	3866.0	2955.5	2043.6	1701.0	1357.1	1270.4
35°	14852.0	12956.3	10379.5	7801.3	5736.3	3670.0	2782.2	1894.3	1578.4	1261.1	1187.8
37.5°	15823.8	13664.2	10731.4	7797.3	5635.0	3472.7	2647.5	1821.0	1498.4	1174.5	1121.1
40°	16907.6	14446.7	11112.7	7778.6	5543.0	3306.1	2547.5	1787.7	1454.4	1119.8	1074.5
42.5°	17967.4	15193.3	11467.3	7741.3	5468.4	3194.1	2448.9	1703.7	1414.4	1123.8	1059.8
45°	18763.3	15845.2	11775.2	7703.9	5412.4	3120.8	2371.6	1622.4	1377.1	1131.8	1050.5
47.5°	19367.2	16499.7	12116.5	7731.9	5407.0	3082.1	2316.9	1551.7	1306.4	1059.8	1026.5
50°	20135.1	17286.2	12613.7	7941.2	5480.3	3019.5	2252.9	1485.1	1238.4	991.8	1037.1
52.5°	21090.9	18408.7	13384.3	8358.5	5633.7	2908.8	2151.6	1394.4	1155.8	915.8	986.5
55°	22494.6	19847.1	14369.4	8890.4	5819.0	2746.2	1998.3	1249.1	1046.5	842.5	905.2
57.5°	23754.4	21300.2	15314.6	9327.7	5934.9	2540.9	1805.0	1069.1	923.8	778.5	814.5
60°	24315.6	22049.4	15757.2	9463.6	5865.6	2267.6	1587.7	906.5	815.9	725.2	718.5
62.5°	24097.0	21573.5	15321.2	9069.0	5527.0	1985.0	1395.7	806.5	738.5	669.2	654.5
65°	23457.1	20077.7	14100.1	8122.5	4955.1	1787.7	1274.4	761.2	685.2	609.2	593.2
67.5°	22196.0	17948.8	12369.8	6790.8	4228.6	1666.4	1205.1	743.9	651.9	558.6	539.9
70°	19932.4	15386.6	10376.8	5365.7	3479.4	1591.7	1159.8	727.9	615.9	502.6	485.2
72.5°	16371.7	12336.5	8286.5	4235.2	2908.8	1582.4	1154.5	726.5	586.6	446.6	430.6
75°	11721.9	9370.3	6325.5	3279.4	2382.2	1485.1	1095.8	706.5	546.6	385.3	370.6
77.5°	7887.9	6485.5	4396.5	2306.3	1767.7	1229.1	921.2	613.2	467.9	322.6	307.9
80°	5065.8	4488.5	2946.1	1403.7	1146.5	889.2	658.5	427.9	341.3	253.3	241.3
82.5°	3716.7	3340.7	2047.6	754.5	637.2	518.6	402.6	286.6	233.3	180.0	174.6
85°	2362.2	2604.9	1507.7	410.6	335.9	261.3	216.0	170.6	134.6	98.6	98.6
87.5°	458.6	634.6	417.3	198.6	145.3	92.0	78.7	64.0	36.0	6.7	8.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2
2.5°	9576.9	9485.0	9393.0	9289.0	9183.7	9086.4	8987.7	8879.7	8899.7	8817.1	8734.4
5°	7971.9	7825.3	7677.3	7549.3	7421.3	7310.7	7198.7	7098.7	7185.4	7126.7	7068.1
7.5°	6161.6	5980.3	5797.6	5644.3	5491.0	5372.4	5252.4	5169.7	5255.1	5244.4	5233.7
10°	5153.7	4977.8	4800.5	4631.2	4461.9	4317.9	4172.6	4049.9	4028.6	3967.3	3904.6
12.5°	4716.5	4475.2	4232.6	4055.3	3878.0	3706.0	3534.0	3390.1	3324.7	3223.4	3120.8
15°	4187.2	3902.0	3616.7	3415.4	3212.8	3046.1	2878.1	2754.2	2712.8	2634.2	2555.5
17.5°	3490.0	3178.1	2866.2	2662.2	2456.9	2323.6	2188.9	2106.3	2106.3	2083.6	2061.0
20°	2670.2	2391.6	2113.0	1957.0	1801.0	1730.4	1658.4	1623.7	1634.4	1635.7	1635.7
22.5°	1958.3	1787.7	1617.0	1554.4	1490.4	1465.1	1439.7	1425.1	1430.4	1431.7	1433.1
25°	1542.4	1477.1	1410.4	1378.4	1345.1	1329.1	1313.1	1307.8	1319.8	1321.1	1321.1
27.5°	1354.4	1314.4	1273.1	1253.1	1231.8	1225.1	1218.4	1209.1	1221.1	1221.1	1219.8
30°	1259.8	1217.1	1174.5	1149.1	1123.8	1126.5	1127.8	1125.1	1133.1	1138.5	1142.5
32.5°	1182.5	1141.1	1099.8	1074.5	1047.8	1043.8	1039.8	1037.1	1054.5	1063.8	1073.1
35°	1113.1	1067.8	1022.5	998.5	974.5	965.2	955.8	949.2	965.2	977.2	989.2
37.5°	1066.5	1019.8	971.8	949.2	925.2	913.2	901.2	893.2	899.8	905.2	910.5
40°	1029.1	981.2	931.8	905.2	878.5	866.5	854.5	847.8	851.8	853.2	854.5
42.5°	994.5	947.8	901.2	871.8	841.2	826.5	811.9	803.9	806.5	809.2	810.5
45°	969.2	922.5	874.5	839.8	803.9	787.9	771.9	762.5	763.9	763.9	763.9
47.5°	993.2	925.2	855.8	815.9	774.5	755.9	737.2	727.9	725.2	722.5	719.9
50°	1081.1	965.2	847.8	797.2	745.2	725.2	703.9	693.2	686.5	683.9	681.2
52.5°	1055.8	955.8	854.5	789.2	722.5	698.5	674.5	657.2	650.5	646.6	642.6
55°	966.5	903.8	839.8	761.2	682.5	661.2	638.6	626.6	614.6	611.9	609.2
57.5°	849.2	823.9	798.5	718.5	638.6	618.6	597.2	589.2	578.6	578.6	577.2
60°	710.5	747.9	785.2	693.2	599.9	577.2	554.6	547.9	543.9	542.6	541.2
62.5°	638.6	699.9	759.9	662.5	563.9	539.9	515.9	507.9	506.6	507.9	507.9
65°	577.2	595.9	614.6	569.2	523.9	499.9	474.6	466.6	469.2	473.2	477.2
67.5°	521.2	517.2	513.2	497.2	479.9	459.9	438.6	430.6	431.9	437.3	442.6
70°	467.9	462.6	455.9	443.9	431.9	414.6	397.3	391.9	390.6	397.3	402.6
72.5°	414.6	407.9	399.9	390.6	379.9	365.3	350.6	346.6	347.9	351.9	355.9
75°	355.9	350.6	343.9	335.9	326.6	313.3	299.9	297.3	299.9	303.9	307.9
77.5°	291.9	290.6	287.9	281.3	274.6	260.0	244.0	242.6	246.6	250.6	253.3
80°	228.0	229.3	230.6	225.3	220.0	204.0	186.6	185.3	189.3	193.3	197.3
82.5°	168.0	172.0	174.6	168.0	161.3	142.6	124.0	121.3	134.6	138.6	142.6
85°	97.3	102.6	108.0	102.6	97.3	78.7	60.0	58.7	70.7	77.3	84.0
87.5°	8.0	10.7	13.3	12.0	10.7	5.3	0.0	0.0	1.3	6.7	12.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320593  
 CATALOG NUMBER: GAN-SA9A-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: P320593  
 CATALOG NUMBER: GAN-SA9A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2
2.5°	8682.4	8630.5	8614.5	8598.5	8539.8	8479.8	8541.1	8601.1	8626.5	8651.8	8586.5
5°	7060.1	7050.7	7050.7	7049.4	6996.1	6941.4	6982.7	7022.7	6933.4	6844.1	6834.8
7.5°	5291.0	5348.4	5395.0	5440.4	5423.0	5405.7	5444.4	5483.0	5369.7	5255.1	5199.1
10°	3918.0	3930.0	3980.6	4031.3	4043.3	4053.9	4101.9	4148.6	4060.6	3972.6	3934.0
12.5°	3056.8	2992.8	2999.5	3004.8	3028.8	3051.5	3102.1	3151.4	3115.4	3078.1	3082.1
15°	2475.6	2394.2	2360.9	2326.2	2352.9	2379.6	2415.6	2450.2	2451.6	2451.6	2486.2
17.5°	2021.0	1979.6	1946.3	1911.7	1947.7	1982.3	1986.3	1990.3	1991.6	1993.0	1990.3
20°	1655.7	1675.7	1665.0	1654.4	1667.7	1679.7	1690.4	1699.7	1687.7	1674.4	1641.0
22.5°	1451.7	1469.1	1482.4	1494.4	1517.1	1538.4	1527.7	1515.7	1491.7	1466.4	1441.1
25°	1333.1	1345.1	1358.4	1371.8	1390.4	1407.7	1389.1	1370.4	1353.1	1335.8	1318.4
27.5°	1233.1	1245.1	1257.1	1267.8	1285.1	1301.1	1283.8	1266.4	1251.8	1237.1	1223.8
30°	1151.8	1159.8	1169.1	1178.5	1194.5	1209.1	1194.5	1178.5	1167.8	1155.8	1146.5
32.5°	1082.5	1090.5	1094.5	1098.5	1113.1	1127.8	1117.1	1106.5	1097.1	1087.8	1081.1
35°	1006.5	1022.5	1025.1	1027.8	1042.5	1057.1	1050.5	1042.5	1031.8	1021.1	1009.2
37.5°	929.2	947.8	958.5	967.8	982.5	997.2	990.5	983.8	969.2	954.5	933.2
40°	863.8	871.8	891.8	910.5	934.5	957.2	943.8	929.2	906.5	883.8	873.2
42.5°	809.2	807.9	826.5	845.2	881.2	915.8	891.8	867.8	846.5	825.2	822.5
45°	761.2	757.2	766.5	775.9	814.5	851.8	827.9	802.5	790.5	778.5	778.5
47.5°	718.5	715.9	722.5	727.9	751.9	774.5	762.5	750.5	743.9	737.2	738.5
50°	679.9	677.2	683.9	689.2	698.5	706.5	709.2	710.5	706.5	702.5	705.2
52.5°	643.9	643.9	646.6	647.9	659.9	671.9	671.9	670.5	670.5	670.5	673.2
55°	613.2	615.9	615.9	615.9	634.6	651.9	646.6	641.2	642.6	642.6	645.2
57.5°	582.6	586.6	589.2	591.9	610.6	629.2	623.9	618.6	618.6	618.6	619.9
60°	547.9	553.2	558.6	563.9	582.6	601.2	595.9	589.2	590.6	591.9	593.2
62.5°	514.6	519.9	525.2	530.6	549.2	567.9	562.6	555.9	559.9	562.6	562.6
65°	482.6	486.6	491.9	497.2	514.6	531.9	526.6	521.2	526.6	530.6	533.2
67.5°	446.6	449.3	454.6	459.9	477.2	494.6	489.2	482.6	489.2	494.6	499.9
70°	405.3	407.9	414.6	419.9	437.3	454.6	447.9	441.3	447.9	454.6	459.9
72.5°	359.9	362.6	369.3	374.6	394.6	414.6	406.6	398.6	406.6	414.6	417.3
75°	310.6	313.3	321.3	327.9	347.9	367.9	361.3	353.3	359.9	366.6	367.9
77.5°	257.3	261.3	272.0	282.6	298.6	314.6	310.6	306.6	310.6	314.6	314.6
80°	201.3	205.3	218.6	230.6	240.0	249.3	250.6	252.0	253.3	254.6	253.3
82.5°	149.3	154.6	166.6	178.6	178.6	178.6	189.3	198.6	198.6	197.3	196.0
85°	92.0	98.6	109.3	120.0	113.3	106.6	124.0	140.0	140.0	138.6	136.0
87.5°	18.7	25.3	36.0	45.3	38.7	32.0	49.3	66.7	68.0	68.0	65.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320593  
 CATALOG NUMBER: GAN-SA9A-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: P320593  
 CATALOG NUMBER: GAN-SA9A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2
2.5°	8519.8	8623.8	8726.4	8753.1	8793.1	8810.4	8826.4	8957.1	9086.4	9238.3	9390.3
5°	6824.1	6901.4	6978.7	6990.7	7032.1	7053.4	7074.7	7233.4	7390.7	7602.6	7814.6
7.5°	5143.1	5161.7	5180.4	5177.7	5212.4	5259.1	5304.4	5473.7	5641.7	5869.6	6096.2
10°	3895.3	3938.0	3979.3	4017.9	4093.9	4181.9	4268.6	4441.9	4615.2	4840.5	5064.4
12.5°	3086.1	3135.4	3183.4	3226.1	3314.1	3431.4	3547.4	3755.3	3963.3	4232.6	4500.5
15°	2519.5	2515.5	2511.5	2540.9	2618.2	2746.2	2872.8	3092.8	3312.7	3608.7	3903.3
17.5°	1987.6	1967.6	1947.7	1970.3	2042.3	2147.6	2251.6	2438.2	2623.5	2910.1	3196.8
20°	1607.7	1594.4	1581.0	1602.4	1647.7	1691.7	1735.7	1870.3	2003.6	2236.9	2468.9
22.5°	1414.4	1413.1	1410.4	1422.4	1443.7	1466.4	1487.7	1553.1	1617.0	1767.7	1917.0
25°	1301.1	1299.8	1298.4	1303.8	1321.1	1338.4	1355.8	1398.4	1441.1	1513.1	1585.0
27.5°	1210.4	1207.8	1205.1	1206.5	1210.4	1237.1	1262.4	1282.4	1301.1	1350.4	1398.4
30°	1137.1	1135.8	1134.5	1134.5	1130.5	1139.8	1149.1	1179.8	1209.1	1259.8	1310.4
32.5°	1074.5	1067.8	1061.1	1046.5	1037.1	1050.5	1063.8	1095.8	1127.8	1174.5	1221.1
35°	995.8	978.5	959.8	951.8	953.2	966.5	979.8	1011.8	1042.5	1093.1	1142.5
37.5°	910.5	905.2	898.5	897.2	901.2	914.5	927.8	955.8	982.5	1033.1	1082.5
40°	862.5	859.8	857.2	854.5	857.2	870.5	883.8	910.5	935.8	985.2	1033.1
42.5°	819.9	818.5	817.2	817.2	818.5	833.2	847.8	874.5	899.8	943.8	987.8
45°	778.5	779.9	779.9	782.5	786.5	801.2	814.5	843.8	873.2	915.8	958.5
47.5°	739.9	743.9	746.5	753.2	757.2	773.2	787.9	819.9	851.8	905.2	957.2
50°	706.5	710.5	713.2	718.5	729.2	747.9	766.5	805.2	842.5	931.8	1019.8
52.5°	675.9	679.9	683.9	689.2	702.5	723.9	745.2	793.2	839.8	943.8	1047.8
55°	647.9	651.9	654.5	662.5	675.9	694.5	711.9	770.5	829.2	905.2	981.2
57.5°	621.2	625.2	627.9	633.2	639.9	659.9	678.5	741.2	803.9	857.2	909.2
60°	593.2	595.9	597.2	597.2	602.6	625.2	647.9	727.9	806.5	797.2	786.5
62.5°	562.6	565.2	566.6	562.6	569.2	593.2	617.2	721.2	825.2	761.2	697.2
65°	534.6	533.2	531.9	527.9	535.9	559.9	582.6	634.6	686.5	661.2	635.9
67.5°	503.9	499.9	495.9	490.6	498.6	519.9	539.9	557.2	574.6	577.2	579.9
70°	465.2	459.9	454.6	453.3	457.3	474.6	491.9	503.9	514.6	519.9	523.9
72.5°	419.9	415.9	411.9	409.3	410.6	425.3	438.6	449.3	459.9	463.9	466.6
75°	369.3	369.3	367.9	359.9	359.9	371.9	382.6	391.9	401.3	406.6	411.9
77.5°	314.6	315.9	315.9	305.3	303.9	315.9	326.6	334.6	341.3	346.6	350.6
80°	252.0	249.3	246.6	240.0	237.3	252.0	265.3	272.0	277.3	278.6	278.6
82.5°	193.3	188.0	181.3	166.6	168.0	184.0	198.6	204.0	209.3	209.3	209.3
85°	132.0	121.3	109.3	97.3	98.6	116.0	132.0	137.3	142.6	145.3	146.6
87.5°	62.7	52.0	40.0	30.7	30.7	45.3	58.7	61.3	64.0	69.3	74.7
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: P320593  
 CATALOG NUMBER: GAN-SA9A-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: P320593  
 CATALOG NUMBER: GAN-SA9A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2
2.5°	9506.3	9620.9	9739.6	9858.2	9994.2	10130.2	10288.8	10446.1	10580.8	10715.4	10827.4
5°	7997.2	8179.9	8394.5	8609.1	8882.4	9155.7	9490.3	9823.6	10120.8	10418.1	10763.4
7.5°	6334.9	6572.2	6852.1	7132.1	7485.3	7838.6	8271.8	8705.1	9125.0	9543.6	10074.2
10°	5313.7	5563.0	5839.0	6113.6	6473.5	6832.1	7290.7	7747.9	8219.9	8690.4	9290.3
12.5°	4777.8	5053.8	5296.4	5539.0	5831.0	6121.6	6565.5	7009.4	7564.0	8117.2	8694.4
15°	4205.9	4507.2	4797.8	5088.4	5407.0	5724.3	6156.2	6588.2	7194.7	7801.3	8465.1
17.5°	3514.0	3831.3	4185.9	4539.2	4955.1	5369.7	5922.9	6476.2	7194.7	7911.9	8694.4
20°	2792.8	3116.8	3540.7	3964.6	4481.9	4997.8	5715.0	6432.2	7400.0	8366.5	9365.0
22.5°	2203.6	2488.9	2951.5	3412.7	4009.9	4607.2	5527.0	6445.5	7710.6	8974.4	10322.1
25°	1786.3	1987.6	2442.2	2895.5	3584.7	4273.9	5412.4	6549.5	8162.5	9774.2	11445.9
27.5°	1530.4	1662.4	2086.3	2508.9	3262.1	4013.9	5365.7	6716.1	8735.8	10755.4	12668.4
30°	1402.4	1494.4	1853.0	2210.3	2975.5	3740.7	5309.7	6878.8	9287.7	11695.2	13624.2
32.5°	1295.8	1369.1	1675.7	1981.0	2727.5	3474.0	5201.7	6928.1	9672.9	12417.8	14433.4
35°	1205.1	1266.4	1533.1	1799.7	2532.9	3266.1	5020.4	6774.8	9914.2	13053.7	15275.9
37.5°	1131.8	1179.8	1426.4	1673.0	2364.9	3056.8	4813.8	6570.8	10128.8	13686.9	16223.8
40°	1074.5	1115.8	1346.4	1577.1	2204.9	2832.8	4636.5	6438.8	10424.8	14410.7	17224.9
42.5°	1042.5	1095.8	1277.1	1457.1	2053.0	2648.9	4493.9	6338.9	10699.4	15058.6	18100.7
45°	1034.5	1110.5	1241.1	1371.8	1939.7	2507.5	4367.2	6225.5	10876.7	15527.9	18760.6
47.5°	1021.1	1083.8	1213.1	1342.4	1883.7	2423.6	4299.2	6173.6	11054.0	15933.1	19308.5
50°	1029.1	1037.1	1190.5	1342.4	1875.7	2408.9	4376.5	6344.2	11437.9	16530.4	19935.1
52.5°	1014.5	979.8	1147.8	1315.8	1874.3	2432.9	4599.2	6765.5	12151.2	17535.5	20613.6
55°	937.2	891.8	1067.8	1243.8	1846.3	2447.6	4864.5	7280.0	13108.3	18935.3	21833.4
57.5°	869.2	827.9	977.2	1125.1	1761.0	2396.9	5137.7	7877.3	14120.1	20361.7	23207.8
60°	778.5	769.2	875.8	982.5	1629.0	2274.3	5363.0	8450.5	14800.0	21148.2	23737.1
62.5°	703.9	709.2	787.9	866.5	1463.7	2059.6	5437.7	8814.4	14781.3	20748.3	23203.8
65°	646.6	655.9	733.2	810.5	1322.4	1834.3	5192.4	8549.1	14033.5	19516.5	22149.4
67.5°	590.6	601.2	693.2	783.9	1197.1	1609.0	4579.2	7548.0	12688.4	17827.5	20808.3
70°	537.2	550.6	650.5	750.5	1106.5	1461.1	3788.7	6116.2	11004.7	15891.8	19255.2
72.5°	479.9	493.2	599.9	706.5	1049.1	1390.4	3088.8	4785.8	8930.4	13073.7	16470.4
75°	421.3	430.6	546.6	661.2	970.5	1279.8	2423.6	3566.0	6834.8	10103.5	12440.4
77.5°	362.6	374.6	471.9	567.9	823.9	1078.5	1826.3	2574.2	5015.1	7454.7	8651.8
80°	289.3	299.9	369.3	437.3	635.9	833.2	1255.8	1678.4	3451.4	5224.4	5898.9
82.5°	221.3	233.3	279.9	325.3	453.3	581.2	761.2	941.2	2292.9	3643.3	3699.3
85°	152.0	156.0	189.3	221.3	279.9	338.6	435.9	533.2	1517.1	2500.9	2083.6
87.5°	76.0	76.0	98.6	121.3	150.6	180.0	230.6	279.9	485.2	690.5	397.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320593  
 CATALOG NUMBER: GAN-SA9A-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: P320593

CATALOG NUMBER: GAN-SA9A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2
2.5°	10970.0	11067.3	11166.0	11240.6	11316.6	11425.9	11535.3	11555.3	11576.6	11533.9	11491.3
5°	11111.3	11406.0	11701.9	11975.2	12248.5	12412.4	12576.4	12609.7	12643.1	12540.4	12436.4
7.5°	10587.4	11100.7	11613.9	12084.5	12555.1	12840.4	13127.0	13191.0	13256.3	13088.3	12920.3
10°	9887.6	10518.1	11148.7	11768.6	12388.4	12803.0	13217.6	13300.3	13382.9	13173.6	12964.3
12.5°	9346.3	10019.5	10692.7	11346.0	12000.5	12429.8	12859.0	12961.7	13064.3	12912.3	12759.0
15°	9179.7	9812.9	10446.1	11015.4	11585.9	11936.5	12288.5	12329.8	12372.4	12348.4	12324.5
17.5°	9482.3	10054.2	10627.4	10936.7	11247.3	11387.3	11528.6	11573.9	11620.6	11680.6	11741.9
20°	10215.5	10618.1	11022.0	11008.7	10994.0	10926.0	10856.7	10844.7	10832.7	11004.7	11178.0
22.5°	11310.0	11469.9	11631.2	11256.6	10882.0	10654.1	10424.8	10379.5	10332.8	10515.4	10699.4
25°	12497.8	12468.4	12437.8	11724.6	11010.0	10575.4	10140.8	10090.2	10039.5	10195.5	10352.8
27.5°	13673.5	13481.6	13289.6	12320.5	11351.3	10720.7	10090.2	10039.5	9988.9	10127.5	10266.2
30°	14536.1	14228.1	13920.2	12823.0	11725.9	10976.7	10227.5	10144.8	10060.9	10231.5	10402.1
32.5°	15209.3	14796.0	14382.8	13231.0	12079.2	11268.6	10458.1	10328.8	10199.5	10427.5	10655.4
35°	15881.1	15299.9	14717.4	13594.9	12471.1	11613.9	10755.4	10596.8	10438.1	10751.4	11064.7
37.5°	16726.3	15891.8	15056.0	14004.2	12952.3	12131.2	11308.6	11146.0	10983.4	11382.0	11781.9
40°	17643.5	16530.4	15417.2	14452.1	13486.9	12847.0	12205.8	12051.2	11895.2	12380.4	12865.7
42.5°	18406.0	17124.9	15843.8	14992.0	14138.8	13688.2	13236.3	13235.0	13232.3	13724.2	14216.1
45°	19025.9	17620.8	16214.4	15518.5	14821.3	14586.7	14352.1	14540.1	14728.0	15171.9	15617.2
47.5°	19488.5	18036.8	16583.7	16121.1	15658.5	15693.2	15727.8	16110.4	16493.0	16778.3	17064.9
50°	19789.8	18414.0	17036.9	16894.3	16751.7	17062.3	17374.2	17812.8	18252.7	18447.4	18642.0
52.5°	20228.4	18925.9	17622.2	17782.1	17942.1	18576.7	19211.2	19655.1	20099.1	20171.0	20244.4
55°	21242.9	19867.1	18490.0	18796.6	19104.6	20035.1	20966.9	21313.5	21660.1	21686.8	21713.4
57.5°	22683.9	21185.5	19687.1	20017.7	20348.3	21422.8	22498.6	22871.9	23246.5	23194.5	23141.2
60°	23762.4	22437.3	21110.9	21444.1	21777.4	22825.2	23873.0	24302.3	24732.9	24618.2	24503.6
62.5°	23829.1	23121.2	22412.0	22713.3	23015.9	24042.3	25068.8	25510.1	25951.3	25751.4	25551.4
65°	22769.2	23086.5	23403.8	23503.8	23603.8	24560.9	25519.4	25856.7	26195.3	26094.0	25992.7
67.5°	21309.5	22478.6	23649.1	23447.8	23246.5	23695.7	24145.0	24492.9	24840.9	24783.5	24724.9
70°	19852.4	21413.5	22974.5	21985.4	20994.9	20809.6	20624.3	20998.9	21374.8	21142.9	20909.6
72.5°	17371.5	19035.2	20700.3	18877.9	17055.6	16422.4	15789.2	16265.1	16741.0	16371.7	16001.1
75°	13636.2	15474.6	17314.2	15139.9	12965.7	12120.5	11275.3	11684.6	12093.8	11840.5	11585.9
77.5°	10151.5	11963.2	13774.9	11564.6	9353.0	8725.1	8095.9	8217.2	8339.8	8297.2	8253.2
80°	6885.4	8147.9	9411.6	7939.9	6468.2	6516.2	6565.5	6508.2	6449.5	6534.8	6620.1
82.5°	4393.9	5368.4	6344.2	5563.0	4781.8	5229.7	5677.6	5457.7	5236.4	5317.7	5400.4
85°	2507.5	3460.7	4415.2	4115.3	3814.0	4075.3	4337.9	3996.6	3655.3	3804.7	3955.3
87.5°	661.2	1914.3	3168.8	2876.8	2584.9	2246.3	1907.7	1455.7	1003.8	1466.4	1929.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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: P320593

CATALOG NUMBER: GAN-SA9A-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2	10158.2
2.5°	11468.6	11445.9	11364.6	11282.0	11159.3	11058.0	10882.0
5°	12292.5	12148.5	11900.5	11651.2	11374.0	11055.3	10702.1
7.5°	12584.4	12247.1	11771.2	11294.0	10864.7	10360.8	9891.6
10°	12460.4	11955.2	11336.6	10716.7	10195.5	9615.6	9094.4
12.5°	12223.1	11685.9	11004.7	10322.1	9728.9	9106.4	8522.5
15°	11896.5	11467.3	10828.7	10190.2	9592.9	8987.7	8295.8
17.5°	11539.3	11335.3	10874.0	10411.5	9894.2	9307.7	8495.8
20°	11251.3	11326.0	11142.0	10958.0	10543.4	10031.5	9119.7
22.5°	11056.7	11415.3	11556.6	11699.2	11449.9	11050.0	9995.5
25°	10947.4	11541.9	12015.2	12489.8	12379.1	12071.2	11059.3
27.5°	10995.4	11724.6	12459.1	13195.0	13297.6	13212.3	12180.5
30°	11139.3	11877.9	12772.4	13668.2	14077.5	14192.1	13115.0
32.5°	11379.3	12103.2	13077.7	14053.5	14672.0	15037.3	13969.5
35°	11741.9	12419.1	13434.9	14450.7	15250.6	15917.1	14852.0
37.5°	12364.4	12947.0	13884.2	14822.7	15859.8	16861.0	15823.8
40°	13276.3	13688.2	14480.1	15273.3	16578.4	17930.1	16907.6
42.5°	14426.7	14638.7	15266.6	15894.5	17328.9	18900.6	17967.4
45°	15673.2	15729.2	16123.8	16519.7	17923.4	19561.8	18763.3
47.5°	16873.0	16681.0	16838.3	16995.6	18379.4	20033.7	19367.2
50°	18107.4	17572.8	17490.2	17407.5	18835.3	20589.6	20135.1
52.5°	19363.2	18482.0	18155.4	17827.5	19379.2	21326.8	21090.9
55°	20592.3	19471.2	19031.2	18591.3	20211.0	22226.7	22494.6
57.5°	21870.7	20600.3	20192.4	19784.4	21433.5	23366.5	23754.4
60°	23246.5	21988.1	21661.4	21333.5	22953.2	24598.2	24315.6
62.5°	24551.6	23551.8	23379.8	23206.5	24490.3	25544.7	24097.0
65°	25423.4	24852.9	25012.8	25174.1	25652.7	25780.7	23457.1
67.5°	24840.9	24956.9	25632.7	26309.9	25980.7	25079.5	22196.0
70°	21604.1	22300.0	23901.0	25503.4	24772.9	23201.2	19932.4
72.5°	16782.3	17564.8	19941.8	22320.0	21646.8	19721.8	16371.7
75°	12468.4	13352.3	15975.8	18599.3	17664.8	14752.0	11721.9
77.5°	8845.1	9437.0	12027.2	14618.7	13095.0	9819.6	7887.9
80°	6438.8	6257.5	7701.3	9145.0	8891.7	6494.8	5065.8
82.5°	4957.8	4515.2	5195.1	5874.9	5837.6	4507.2	3716.7
85°	3778.0	3600.7	4201.9	4803.1	4288.6	3052.8	2362.2
87.5°	2202.3	2476.9	3184.8	3894.0	2922.1	926.5	458.6
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: P320593  
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**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)