

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: P320619

Luminaire Tested: **GAN-SA5D-730-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320619  
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-SA5D-730-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 70 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 31037 lumens  
Efficiency: N/A  
Efficacy: 97.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

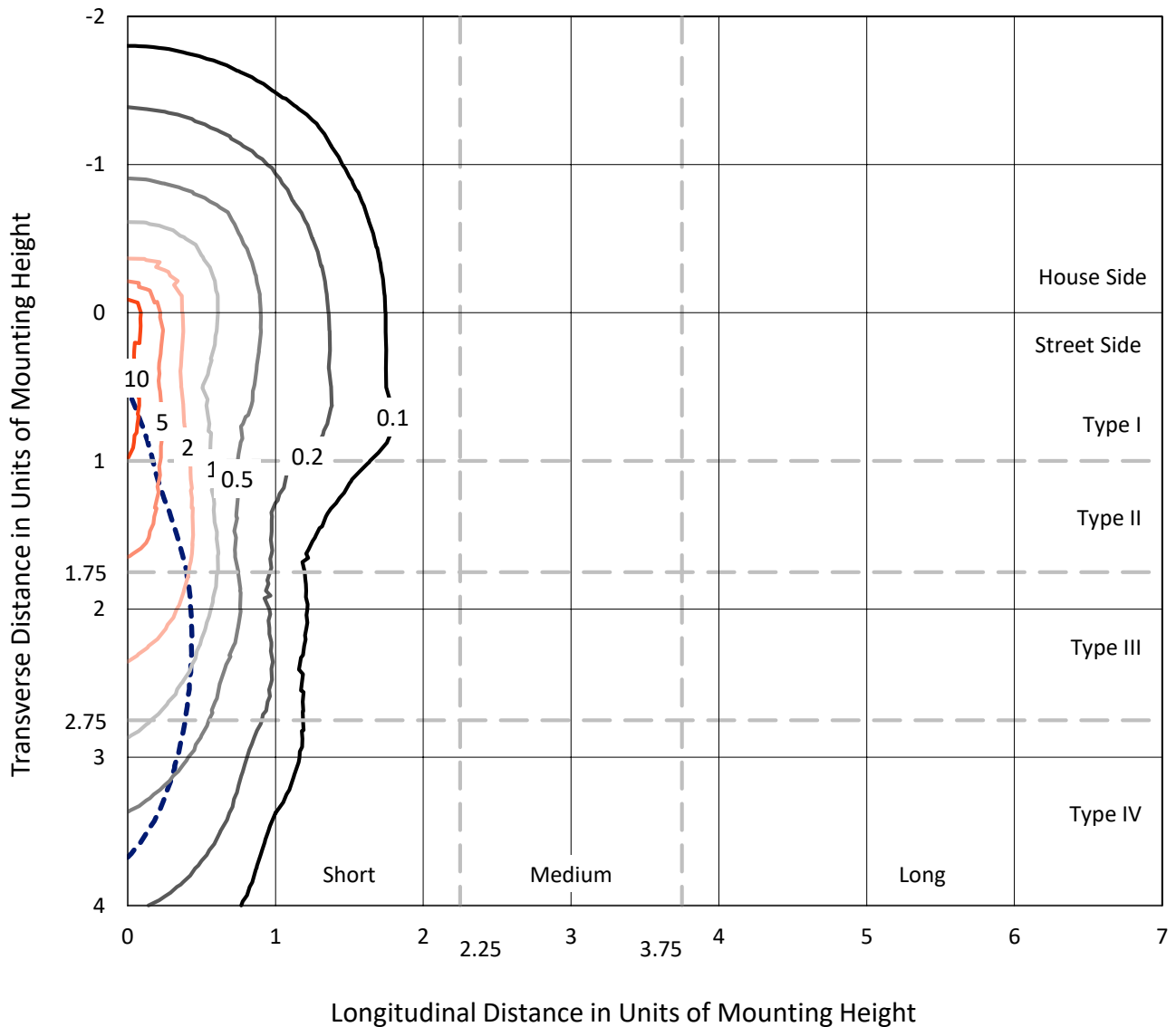
Input Watts (W): 320  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

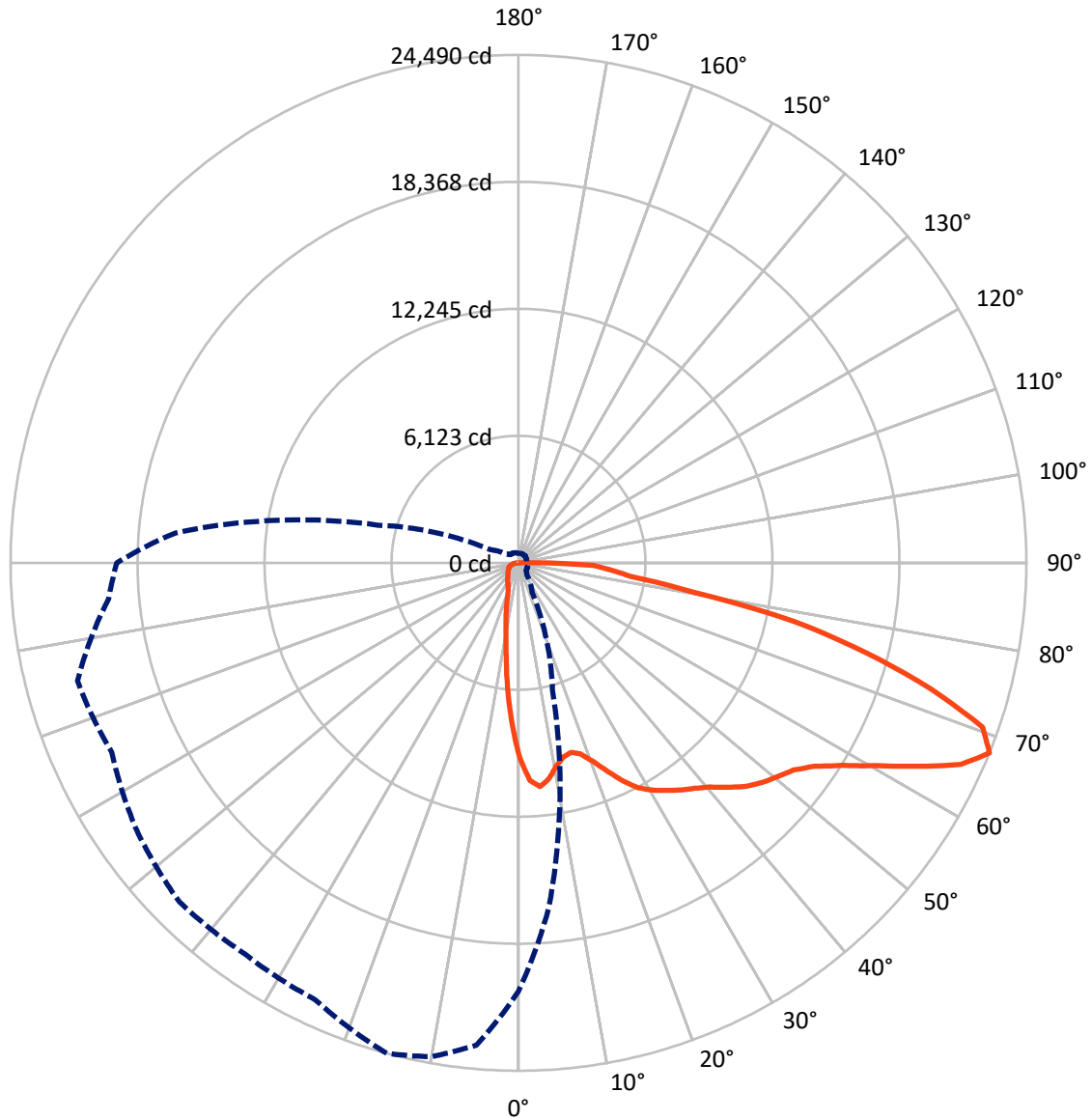
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.1 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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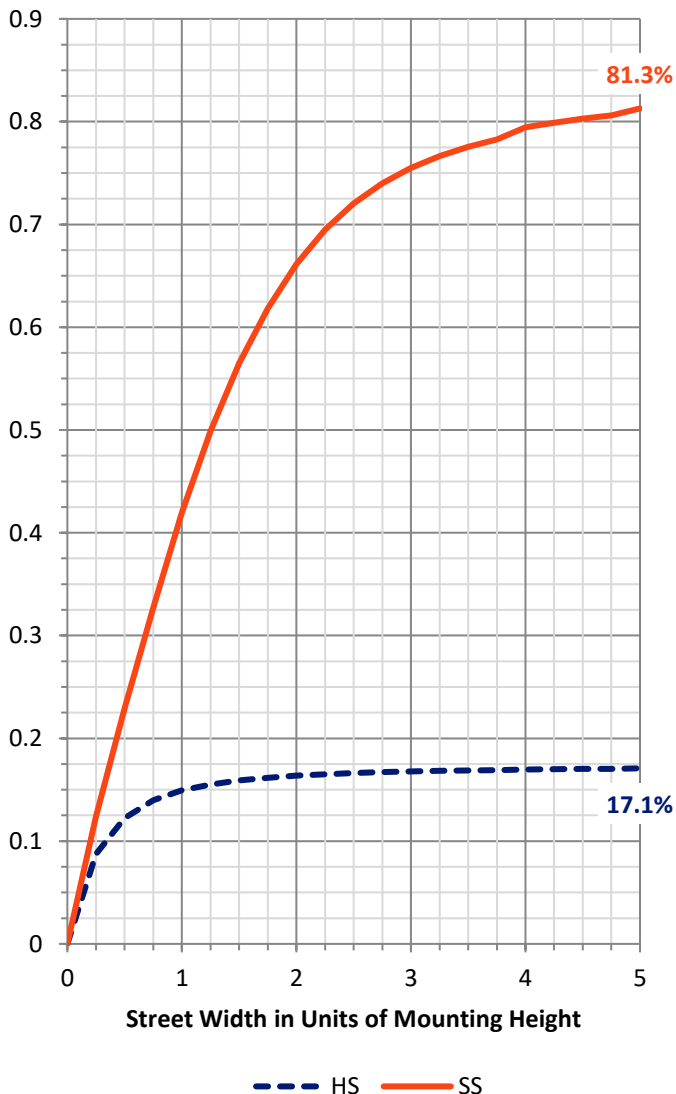
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5365.6	0.0	5365.6
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	25671.4	0.0	25671.4
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	31037.0	0.0	31037.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	729.8	2.4
10°-20°	1516.0	4.9
20°-30°	2156.1	6.9
30°-40°	3106.9	10.0
40°-50°	4378.5	14.1
50°-60°	6086.9	19.6
60°-70°	7360.9	23.7
70°-80°	4524.6	14.6
80°-90°	1177.3	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°	31037.0	100.0
0°-180°	31037.0	100.0

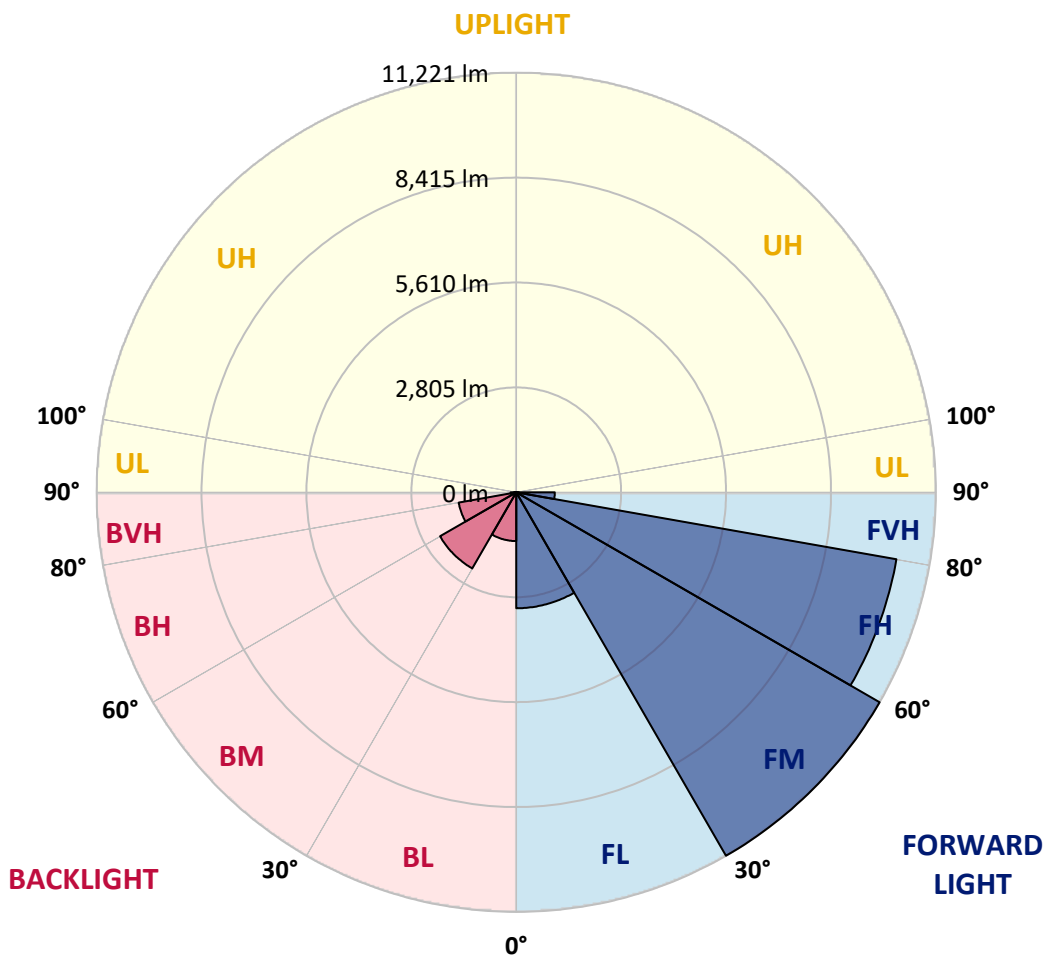


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3099.1	10.0			
FM (30°-60°)	11220.7	36.2			
FH (60°-80°)	10321.8	33.3			G4/12000
FVH (80°-90°)	1029.7	3.3			G5
BL (0°-30°)	1302.7	4.2	B3/2500		
BM (30°-60°)	2351.7	7.6	B2/2500		
BH (60°-80°)	1563.6	5.0	B3/2500		G3/2500
BVH (80°-90°)	147.6	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°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	10129.4	10040.1	9904.8	9769.6	9669.1	9567.3	9451.9	9336.5	9205.0	9072.2	8994.0
5°	9961.9	9713.7	9391.1	9068.5	8855.0	8641.6	8399.6	8157.7	7918.2	7678.7	7549.6
7.5°	9207.5	8835.2	8415.8	7996.3	7686.1	7374.7	7039.6	6703.3	6405.5	6106.5	5921.6
10°	8465.4	8018.7	7537.2	7054.5	6657.4	6260.3	5924.0	5586.5	5361.9	5137.3	4967.3
12.5°	7933.1	7437.9	6908.1	6377.0	5979.9	5582.8	5369.4	5155.9	4969.8	4783.7	4587.6
15°	7722.1	7162.5	6620.2	6076.7	5715.6	5354.5	5117.5	4879.2	4629.8	4379.1	4138.4
17.5°	7908.2	7253.0	6663.6	6074.2	5601.4	5128.6	4797.3	4464.7	4135.9	3807.1	3527.9
20°	8489.0	7652.6	6882.0	6110.2	5481.0	4851.9	4407.7	3962.2	3540.3	3118.4	2801.9
22.5°	9304.2	8197.4	7191.0	6184.6	5371.8	4557.8	4000.7	3442.2	2943.4	2444.6	2134.3
25°	10294.5	8919.6	7636.5	6352.2	5327.2	4300.9	3616.0	2931.0	2404.9	1877.5	1656.6
27.5°	11338.1	9780.8	8189.9	6597.9	5334.6	4071.4	3292.1	2511.6	2037.6	1563.5	1412.1
30°	12207.9	10764.8	8835.2	6904.4	5363.2	3822.0	2986.8	2151.7	1760.8	1370.0	1271.9
32.5°	13003.4	11451.0	9321.6	7191.0	5395.4	3598.6	2751.1	1902.3	1583.4	1263.2	1182.6
35°	13824.8	12060.3	9661.6	7261.7	5339.6	3416.2	2589.8	1763.3	1469.2	1173.9	1105.6
37.5°	14729.5	12719.2	9989.2	7258.0	5245.3	3232.5	2464.4	1695.1	1394.8	1093.2	1043.6
40°	15738.3	13447.6	10344.1	7240.6	5159.7	3077.4	2371.4	1664.0	1353.8	1042.4	1000.2
42.5°	16724.8	14142.5	10674.2	7205.9	5090.2	2973.2	2279.5	1585.9	1316.6	1046.1	986.5
45°	17465.6	14749.3	10960.8	7171.1	5038.0	2904.9	2207.6	1510.2	1281.8	1053.5	977.8
47.5°	18027.8	15358.6	11278.5	7197.2	5033.1	2869.0	2156.7	1444.4	1216.1	986.5	955.5
50°	18742.5	16090.7	11741.4	7392.0	5101.3	2810.6	2097.1	1382.4	1152.8	923.2	965.4
52.5°	19632.2	17135.6	12458.6	7780.4	5244.0	2707.6	2002.8	1298.0	1075.9	852.5	918.3
55°	20938.9	18474.5	13375.6	8275.5	5416.5	2556.2	1860.1	1162.7	974.1	784.2	842.6
57.5°	22111.5	19827.1	14255.4	8682.6	5524.5	2365.2	1680.2	995.2	859.9	724.7	758.2
60°	22634.0	20524.4	14667.4	8809.1	5459.9	2110.8	1477.9	843.8	759.4	675.0	668.8
62.5°	22430.5	20081.4	14261.6	8441.8	5144.8	1847.7	1299.2	750.7	687.5	622.9	609.3
65°	21834.8	18689.2	13125.0	7560.8	4612.4	1664.0	1186.3	708.6	637.8	567.1	552.2
67.5°	20660.9	16707.4	11514.3	6321.1	3936.1	1551.1	1121.8	692.4	606.8	519.9	502.6
70°	18553.9	14322.4	9659.1	4994.6	3238.7	1481.6	1079.6	677.5	573.3	467.8	451.7
72.5°	15239.5	11483.3	7713.4	3942.3	2707.6	1472.9	1074.6	676.3	546.0	415.7	400.8
75°	10911.2	8722.3	5888.1	3052.6	2217.5	1382.4	1020.0	657.7	508.8	358.6	345.0
77.5°	7342.4	6037.0	4092.5	2146.8	1645.4	1144.1	857.5	570.8	435.6	300.3	286.6
80°	4715.4	4178.1	2742.4	1306.7	1067.2	827.7	613.0	398.3	317.7	235.8	224.6
82.5°	3459.6	3109.7	1906.0	702.3	593.1	482.7	374.8	266.8	217.2	167.5	162.6
85°	2198.9	2424.7	1403.5	382.2	312.7	243.2	201.0	158.8	125.3	91.8	91.8
87.5°	426.9	590.7	388.4	184.9	135.3	85.6	73.2	59.6	33.5	6.2	7.4
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°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	8914.6	8829.0	8743.4	8646.6	8548.5	8458.0	8366.1	8265.6	8284.2	8207.3	8130.4
5°	7420.6	7284.1	7146.3	7027.2	6908.1	6805.1	6700.8	6607.8	6688.4	6633.8	6579.2
7.5°	5735.4	5566.7	5396.7	5254.0	5111.3	5000.8	4889.1	4812.2	4891.6	4881.7	4871.8
10°	4797.3	4633.5	4468.5	4310.9	4153.3	4019.3	3884.0	3769.8	3750.0	3692.9	3634.6
12.5°	4390.3	4165.7	3939.8	3774.8	3609.8	3449.7	3289.6	3155.6	3094.8	3000.5	2904.9
15°	3897.7	3632.1	3366.6	3179.2	2990.6	2835.5	2679.1	2563.7	2525.2	2452.0	2378.8
17.5°	3248.7	2958.3	2667.9	2478.1	2287.0	2162.9	2037.6	1960.6	1960.6	1939.5	1918.4
20°	2485.5	2226.2	1966.8	1821.6	1676.5	1610.7	1543.7	1511.4	1521.3	1522.6	1522.6
22.5°	1822.9	1664.0	1505.2	1446.9	1387.3	1363.7	1340.2	1326.5	1331.5	1332.7	1334.0
25°	1435.7	1374.9	1312.9	1283.1	1252.1	1237.2	1222.3	1217.3	1228.5	1229.7	1229.7
27.5°	1260.8	1223.5	1185.1	1166.4	1146.6	1140.4	1134.2	1125.5	1136.7	1136.7	1135.4
30°	1172.6	1132.9	1093.2	1069.7	1046.1	1048.6	1049.8	1047.3	1054.8	1059.7	1063.4
32.5°	1100.7	1062.2	1023.7	1000.2	975.3	971.6	967.9	965.4	981.5	990.2	998.9
35°	1036.1	994.0	951.8	929.4	907.1	898.4	889.7	883.5	898.4	909.6	920.7
37.5°	992.7	949.3	904.6	883.5	861.2	850.0	838.8	831.4	837.6	842.6	847.5
40°	958.0	913.3	867.4	842.6	817.8	806.6	795.4	789.2	792.9	794.2	795.4
42.5°	925.7	882.3	838.8	811.5	783.0	769.4	755.7	748.3	750.7	753.2	754.5
45°	902.1	858.7	814.0	781.8	748.3	733.4	718.5	709.8	711.0	711.0	711.0
47.5°	924.5	861.2	796.7	759.4	721.0	703.6	686.2	677.5	675.0	672.6	670.1
50°	1006.4	898.4	789.2	742.1	693.7	675.0	655.2	645.3	639.1	636.6	634.1
52.5°	982.8	889.7	795.4	734.6	672.6	650.2	627.9	611.8	605.6	601.8	598.1
55°	899.7	841.3	781.8	708.6	635.3	615.5	594.4	583.2	572.1	569.6	567.1
57.5°	790.5	766.9	743.3	668.8	594.4	575.8	555.9	548.5	538.5	538.5	537.3
60°	661.4	696.1	730.9	645.3	558.4	537.3	516.2	510.0	506.3	505.0	503.8
62.5°	594.4	651.5	707.3	616.7	524.9	502.6	480.2	472.8	471.5	472.8	472.8
65°	537.3	554.7	572.1	529.9	487.7	465.3	441.8	434.3	436.8	440.5	444.2
67.5°	485.2	481.5	477.7	462.9	446.7	428.1	408.3	400.8	402.1	407.0	412.0
70°	435.6	430.6	424.4	413.2	402.1	385.9	369.8	364.8	363.6	369.8	374.8
72.5°	385.9	379.7	372.3	363.6	353.7	340.0	326.4	322.6	323.9	327.6	331.3
75°	331.3	326.4	320.2	312.7	304.0	291.6	279.2	276.7	279.2	282.9	286.6
77.5°	271.8	270.5	268.0	261.8	255.6	242.0	227.1	225.8	229.6	233.3	235.8
80°	212.2	213.4	214.7	209.7	204.7	189.9	173.7	172.5	176.2	179.9	183.7
82.5°	156.4	160.1	162.6	156.4	150.1	132.8	115.4	112.9	125.3	129.1	132.8
85°	90.6	95.5	100.5	95.5	90.6	73.2	55.8	54.6	65.8	72.0	78.2
87.5°	7.4	9.9	12.4	11.2	9.9	5.0	0.0	0.0	1.2	6.2	11.2
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: P320619  
 CATALOG NUMBER: GAN-SA5D-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: P320619  
 CATALOG NUMBER: GAN-SA5D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	8082.0	8033.6	8018.7	8003.8	7949.2	7893.3	7950.4	8006.3	8029.8	8053.4	7992.6
5°	6571.8	6563.1	6563.1	6561.9	6512.2	6461.4	6499.8	6537.0	6453.9	6370.8	6362.1
7.5°	4925.1	4978.5	5021.9	5064.1	5048.0	5031.8	5067.8	5103.8	4998.3	4891.6	4839.5
10°	3647.0	3658.2	3705.3	3752.5	3763.6	3773.6	3818.2	3861.7	3779.8	3697.9	3661.9
12.5°	2845.4	2785.8	2792.0	2797.0	2819.3	2840.4	2887.6	2933.5	2900.0	2865.2	2869.0
15°	2304.3	2228.7	2197.6	2165.4	2190.2	2215.0	2248.5	2280.8	2282.0	2282.0	2314.3
17.5°	1881.2	1842.7	1811.7	1779.4	1813.0	1845.2	1848.9	1852.7	1853.9	1855.1	1852.7
20°	1541.2	1559.8	1549.9	1540.0	1552.4	1563.5	1573.5	1582.1	1571.0	1558.6	1527.5
22.5°	1351.3	1367.5	1379.9	1391.0	1412.1	1432.0	1422.1	1410.9	1388.6	1365.0	1341.4
25°	1240.9	1252.1	1264.5	1276.9	1294.3	1310.4	1293.0	1275.6	1259.5	1243.4	1227.2
27.5°	1147.8	1159.0	1170.2	1180.1	1196.2	1211.1	1195.0	1178.9	1165.2	1151.6	1139.1
30°	1072.1	1079.6	1088.3	1097.0	1111.8	1125.5	1111.8	1097.0	1087.0	1075.9	1067.2
32.5°	1007.6	1015.1	1018.8	1022.5	1036.1	1049.8	1039.9	1029.9	1021.3	1012.6	1006.4
35°	936.9	951.8	954.2	956.7	970.4	984.0	977.8	970.4	960.5	950.5	939.4
37.5°	864.9	882.3	892.2	900.9	914.5	928.2	922.0	915.8	902.1	888.5	868.6
40°	804.1	811.5	830.2	847.5	869.9	891.0	878.6	864.9	843.8	822.7	812.8
42.5°	753.2	752.0	769.4	786.7	820.2	852.5	830.2	807.8	788.0	768.1	765.6
45°	708.6	704.8	713.5	722.2	758.2	792.9	770.6	747.0	735.9	724.7	724.7
47.5°	668.8	666.4	672.6	677.5	699.9	721.0	709.8	698.6	692.4	686.2	687.5
50°	632.9	630.4	636.6	641.5	650.2	657.7	660.2	661.4	657.7	654.0	656.4
52.5°	599.4	599.4	601.8	603.1	614.2	625.4	625.4	624.2	624.2	624.2	626.7
55°	570.8	573.3	573.3	573.3	590.7	606.8	601.8	596.9	598.1	598.1	600.6
57.5°	542.3	546.0	548.5	551.0	568.3	585.7	580.7	575.8	575.8	575.8	577.0
60°	510.0	515.0	519.9	524.9	542.3	559.6	554.7	548.5	549.7	551.0	552.2
62.5°	479.0	483.9	488.9	493.9	511.2	528.6	523.7	517.5	521.2	523.7	523.7
65°	449.2	452.9	457.9	462.9	479.0	495.1	490.2	485.2	490.2	493.9	496.4
67.5°	415.7	418.2	423.1	428.1	444.2	460.4	455.4	449.2	455.4	460.4	465.3
70°	377.2	379.7	385.9	390.9	407.0	423.1	416.9	410.7	416.9	423.1	428.1
72.5°	335.0	337.5	343.7	348.7	367.3	385.9	378.5	371.0	378.5	385.9	388.4
75°	289.1	291.6	299.1	305.3	323.9	342.5	336.3	328.8	335.0	341.2	342.5
77.5°	239.5	243.2	253.1	263.1	278.0	292.9	289.1	285.4	289.1	292.9	292.9
80°	187.4	191.1	203.5	214.7	223.4	232.0	233.3	234.5	235.8	237.0	235.8
82.5°	139.0	143.9	155.1	166.3	166.3	166.3	176.2	184.9	184.9	183.7	182.4
85°	85.6	91.8	101.8	111.7	105.5	99.3	115.4	130.3	130.3	129.1	126.6
87.5°	17.4	23.6	33.5	42.2	36.0	29.8	45.9	62.0	63.3	63.3	60.8
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: P320619  
 CATALOG NUMBER: GAN-SA5D-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: P320619  
 CATALOG NUMBER: GAN-SA5D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	7930.6	8027.4	8122.9	8147.7	8185.0	8201.1	8216.0	8337.6	8458.0	8599.4	8740.9
5°	6352.2	6424.1	6496.1	6507.3	6545.7	6565.6	6585.4	6733.1	6879.5	7076.8	7274.1
7.5°	4787.4	4804.8	4822.1	4819.6	4851.9	4895.3	4937.5	5095.1	5251.5	5463.7	5674.6
10°	3625.9	3665.6	3704.1	3740.1	3810.8	3892.7	3973.4	4134.7	4296.0	4505.7	4714.2
12.5°	2872.7	2918.6	2963.3	3003.0	3084.9	3194.1	3302.0	3495.6	3689.2	3939.8	4189.3
15°	2345.3	2341.6	2337.9	2365.2	2437.1	2556.2	2674.1	2878.9	3083.6	3359.1	3633.3
17.5°	1850.2	1831.6	1813.0	1834.0	1901.1	1999.1	2095.9	2269.6	2442.1	2708.9	2975.7
20°	1496.5	1484.1	1471.7	1491.6	1533.7	1574.7	1615.6	1741.0	1865.1	2082.2	2298.1
22.5°	1316.6	1315.4	1312.9	1324.0	1343.9	1365.0	1384.8	1445.6	1505.2	1645.4	1784.4
25°	1211.1	1209.9	1208.6	1213.6	1229.7	1245.9	1262.0	1301.7	1341.4	1408.4	1475.4
27.5°	1126.7	1124.3	1121.8	1123.0	1126.7	1151.6	1175.1	1193.7	1211.1	1257.0	1301.7
30°	1058.5	1057.2	1056.0	1056.0	1052.3	1061.0	1069.7	1098.2	1125.5	1172.6	1219.8
32.5°	1000.2	994.0	987.8	974.1	965.4	977.8	990.2	1020.0	1049.8	1093.2	1136.7
35°	927.0	910.8	893.4	886.0	887.2	899.7	912.1	941.8	970.4	1017.5	1063.4
37.5°	847.5	842.6	836.4	835.1	838.8	851.3	863.7	889.7	914.5	961.7	1007.6
40°	802.9	800.4	797.9	795.4	797.9	810.3	822.7	847.5	871.1	917.0	961.7
42.5°	763.2	761.9	760.7	760.7	761.9	775.6	789.2	814.0	837.6	878.6	919.5
45°	724.7	725.9	725.9	728.4	732.1	745.8	758.2	785.5	812.8	852.5	892.2
47.5°	688.7	692.4	694.9	701.1	704.8	719.7	733.4	763.2	792.9	842.6	891.0
50°	657.7	661.4	663.9	668.8	678.8	696.1	713.5	749.5	784.2	867.4	949.3
52.5°	629.1	632.9	636.6	641.5	654.0	673.8	693.7	738.3	781.8	878.6	975.3
55°	603.1	606.8	609.3	616.7	629.1	646.5	662.6	717.2	771.8	842.6	913.3
57.5°	578.3	582.0	584.5	589.4	595.6	614.2	631.6	689.9	748.3	797.9	846.3
60°	552.2	554.7	555.9	555.9	560.9	582.0	603.1	677.5	750.7	742.1	732.1
62.5°	523.7	526.1	527.4	523.7	529.9	552.2	574.5	671.3	768.1	708.6	649.0
65°	497.6	496.4	495.1	491.4	498.8	521.2	542.3	590.7	639.1	615.5	591.9
67.5°	469.1	465.3	461.6	456.7	464.1	483.9	502.6	518.7	534.8	537.3	539.8
70°	433.1	428.1	423.1	421.9	425.6	441.8	457.9	469.1	479.0	483.9	487.7
72.5°	390.9	387.2	383.4	381.0	382.2	395.8	408.3	418.2	428.1	431.8	434.3
75°	343.7	343.7	342.5	335.0	335.0	346.2	356.1	364.8	373.5	378.5	383.4
77.5°	292.9	294.1	294.1	284.2	282.9	294.1	304.0	311.5	317.7	322.6	326.4
80°	234.5	232.0	229.6	223.4	220.9	234.5	246.9	253.1	258.1	259.3	259.3
82.5°	179.9	175.0	168.8	155.1	156.4	171.2	184.9	189.9	194.8	194.8	194.8
85°	122.8	112.9	101.8	90.6	91.8	108.0	122.8	127.8	132.8	135.3	136.5
87.5°	58.3	48.4	37.2	28.5	28.5	42.2	54.6	57.1	59.6	64.5	69.5
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: P320619  
 CATALOG NUMBER: GAN-SA5D-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: P320619

CATALOG NUMBER: GAN-SA5D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	8848.8	8955.6	9066.0	9176.4	9303.0	9429.6	9577.2	9723.7	9849.0	9974.3	10078.6
5°	7444.1	7614.1	7813.9	8013.7	8268.1	8522.5	8833.9	9144.2	9420.9	9697.6	10019.0
7.5°	5896.7	6117.6	6378.2	6638.8	6967.6	7296.5	7699.8	8103.1	8493.9	8883.6	9377.5
10°	4946.2	5178.3	5435.1	5690.8	6025.8	6359.6	6786.5	7212.1	7651.4	8089.4	8647.8
12.5°	4447.4	4704.2	4930.1	5155.9	5427.7	5698.2	6111.4	6524.6	7040.9	7555.8	8093.1
15°	3915.0	4195.5	4466.0	4736.5	5033.1	5328.4	5730.5	6132.5	6697.1	7261.7	7879.7
17.5°	3271.0	3566.3	3896.4	4225.3	4612.4	4998.3	5513.3	6028.3	6697.1	7364.7	8093.1
20°	2599.7	2901.2	3295.8	3690.4	4171.9	4652.1	5319.7	5987.3	6888.2	7787.9	8717.3
22.5°	2051.2	2316.8	2747.3	3176.7	3732.6	4288.5	5144.8	5999.7	7177.3	8353.7	9608.3
25°	1662.8	1850.2	2273.3	2695.2	3336.8	3978.3	5038.0	6096.5	7598.0	9098.3	10654.3
27.5°	1424.6	1547.4	1942.0	2335.4	3036.5	3736.3	4994.6	6251.6	8131.6	10011.6	11792.2
30°	1305.4	1391.0	1724.8	2057.4	2769.7	3482.0	4942.5	6403.0	8645.3	10886.4	12682.0
32.5°	1206.2	1274.4	1559.8	1844.0	2538.9	3233.8	4842.0	6448.9	9004.0	11559.0	13435.2
35°	1121.8	1178.9	1427.0	1675.2	2357.7	3040.2	4673.2	6306.2	9228.6	12150.9	14219.4
37.5°	1053.5	1098.2	1327.8	1557.3	2201.4	2845.4	4480.9	6116.4	9428.3	12740.3	15101.7
40°	1000.2	1038.6	1253.3	1468.0	2052.4	2636.9	4315.8	5993.5	9703.8	13414.1	16033.6
42.5°	970.4	1020.0	1188.8	1356.3	1911.0	2465.7	4183.1	5900.5	9959.4	14017.2	16848.9
45°	962.9	1033.7	1155.3	1276.9	1805.5	2334.1	4065.2	5795.0	10124.5	14454.0	17463.1
47.5°	950.5	1008.8	1129.2	1249.6	1753.4	2256.0	4001.9	5746.6	10289.5	14831.2	17973.2
50°	958.0	965.4	1108.1	1249.6	1745.9	2242.3	4073.9	5905.4	10646.9	15387.1	18556.4
52.5°	944.3	912.1	1068.4	1224.8	1744.7	2264.6	4281.1	6297.6	11310.8	16322.8	19188.0
55°	872.4	830.2	994.0	1157.8	1718.6	2278.3	4528.0	6776.5	12201.7	17625.7	20323.4
57.5°	809.1	770.6	909.6	1047.3	1639.2	2231.1	4782.4	7332.5	13143.6	18953.5	21602.8
60°	724.7	716.0	815.3	914.5	1516.4	2117.0	4992.1	7866.0	13776.4	19685.6	22095.4
62.5°	655.2	660.2	733.4	806.6	1362.5	1917.2	5061.6	8204.8	13759.1	19313.3	21599.1
65°	601.8	610.5	682.5	754.5	1231.0	1707.5	4833.3	7957.9	13062.9	18166.7	20617.5
67.5°	549.7	559.6	645.3	729.6	1114.3	1497.8	4262.5	7026.0	11810.9	16594.5	19369.2
70°	500.1	512.5	605.6	698.6	1029.9	1360.0	3526.6	5693.2	10243.6	14792.7	17923.5
72.5°	446.7	459.1	558.4	657.7	976.6	1294.3	2875.2	4454.8	8312.8	12169.5	15331.3
75°	392.1	400.8	508.8	615.5	903.4	1191.3	2256.0	3319.4	6362.1	9404.8	11580.1
77.5°	337.5	348.7	439.3	528.6	766.9	1003.9	1700.0	2396.2	4668.3	6939.1	8053.4
80°	269.3	279.2	343.7	407.0	591.9	775.6	1168.9	1562.3	3212.7	4863.1	5491.0
82.5°	206.0	217.2	260.6	302.8	421.9	541.0	708.6	876.1	2134.3	3391.4	3443.5
85°	141.5	145.2	176.2	206.0	260.6	315.2	405.8	496.4	1412.1	2327.9	1939.5
87.5°	70.7	70.7	91.8	112.9	140.2	167.5	214.7	260.6	451.7	642.8	369.8
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: P320619  
 CATALOG NUMBER: GAN-SA5D-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: P320619

CATALOG NUMBER: GAN-SA5D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	10211.3	10301.9	10393.8	10463.2	10534.0	10635.7	10737.5	10756.1	10776.0	10736.2	10696.5
5°	10342.9	10617.1	10892.6	11147.0	11401.4	11554.0	11706.6	11737.6	11768.7	11673.1	11576.3
7.5°	9855.2	10333.0	10810.7	11248.7	11686.8	11952.3	12219.1	12278.7	12339.5	12183.1	12026.8
10°	9203.7	9790.7	10377.6	10954.6	11531.7	11917.6	12303.5	12380.4	12457.4	12262.5	12067.7
12.5°	8699.9	9326.6	9953.2	10561.3	11170.6	11570.1	11969.7	12065.2	12160.8	12019.3	11876.6
15°	8544.8	9134.2	9723.7	10253.5	10784.6	11111.0	11438.6	11477.1	11516.8	11494.4	11472.1
17.5°	8826.5	9358.8	9892.4	10180.3	10469.5	10599.7	10731.3	10773.5	10816.9	10872.7	10929.8
20°	9509.0	9883.7	10259.7	10247.3	10233.7	10170.4	10105.9	10094.7	10083.5	10243.6	10404.9
22.5°	10527.8	10676.7	10826.8	10478.1	10129.4	9917.3	9703.8	9661.6	9618.2	9788.2	9959.4
25°	11633.4	11606.1	11577.6	10913.7	10248.6	9844.0	9439.5	9392.4	9345.2	9490.4	9636.8
27.5°	12727.9	12549.2	12370.5	11468.4	10566.2	9979.3	9392.4	9345.2	9298.0	9427.1	9556.1
30°	13530.7	13244.1	12957.4	11936.2	10914.9	10217.5	9520.2	9443.2	9365.1	9523.9	9682.7
32.5°	14157.4	13772.7	13388.0	12315.9	11243.8	10489.3	9734.8	9614.5	9494.1	9706.3	9918.5
35°	14782.8	14241.8	13699.5	12654.7	11608.6	10810.7	10011.6	9863.9	9716.2	10007.8	10299.4
37.5°	15569.5	14792.7	14014.7	13035.6	12056.6	11292.2	10526.5	10375.1	10223.8	10594.8	10967.0
40°	16423.3	15387.1	14351.0	13452.6	12554.2	11958.5	11361.7	11217.7	11072.5	11524.2	11975.9
42.5°	17133.1	15940.6	14748.1	13955.1	13161.0	12741.5	12320.9	12319.6	12317.1	12775.0	13232.9
45°	17710.1	16402.2	15093.0	14445.3	13796.3	13577.9	13359.5	13534.5	13709.4	14122.7	14537.1
47.5°	18140.7	16789.3	15436.8	15006.2	14575.6	14607.8	14640.1	14996.2	15352.4	15617.9	15884.7
50°	18421.1	17140.5	15858.7	15725.9	15593.1	15882.2	16172.6	16580.9	16990.4	17171.5	17352.7
52.5°	18829.4	17617.0	16403.4	16552.3	16701.2	17291.9	17882.6	18295.8	18709.0	18776.0	18844.3
55°	19773.7	18493.1	17211.2	17496.7	17783.3	18649.4	19516.8	19839.5	20162.1	20186.9	20211.7
57.5°	21115.1	19720.3	18325.6	18633.3	18941.1	19941.2	20942.6	21290.1	21638.8	21590.4	21540.7
60°	22119.0	20885.5	19650.8	19961.1	20271.3	21246.6	22222.0	22621.6	23022.4	22915.6	22808.9
62.5°	22181.0	21522.1	20862.0	21142.4	21424.1	22379.6	23335.1	23745.8	24156.5	23970.4	23784.3
65°	21194.5	21489.9	21785.2	21878.3	21971.3	22862.3	23754.5	24068.4	24383.6	24289.3	24195.0
67.5°	19835.7	20924.0	22013.5	21826.1	21638.8	22056.9	22475.1	22799.0	23122.9	23069.5	23014.9
70°	18479.4	19932.5	21385.6	20464.9	19542.9	19370.4	19197.9	19546.6	19896.5	19680.6	19463.5
72.5°	16170.1	17718.8	19268.7	17572.3	15876.0	15286.6	14697.2	15140.2	15583.2	15239.5	14894.5
75°	12693.1	14404.3	16116.8	14092.9	12069.0	11282.2	10495.5	10876.5	11257.4	11021.6	10784.6
77.5°	9449.4	11135.8	12822.2	10764.8	8706.1	8121.7	7536.0	7648.9	7763.1	7723.3	7682.4
80°	6409.2	7584.4	8760.7	7390.8	6020.8	6065.5	6111.4	6058.1	6003.5	6082.9	6162.3
82.5°	4090.0	4997.1	5905.4	5178.3	4451.1	4868.0	5285.0	5080.2	4874.2	4949.9	5026.9
85°	2334.1	3221.4	4109.9	3830.6	3550.2	3793.4	4037.9	3720.2	3402.5	3541.5	3681.7
87.5°	615.5	1781.9	2949.6	2677.9	2406.1	2090.9	1775.7	1355.1	934.4	1365.0	1795.6
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



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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: P320619

CATALOG NUMBER: GAN-SA5D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6	9455.6
2.5°	10675.4	10654.3	10578.6	10501.7	10387.6	10293.2	10129.4
5°	11442.3	11308.3	11077.5	10845.4	10587.3	10290.8	9961.9
7.5°	11714.1	11400.1	10957.1	10512.9	10113.3	9644.3	9207.5
10°	11598.7	11128.4	10552.6	9975.6	9490.4	8950.6	8465.4
12.5°	11377.8	10877.7	10243.6	9608.3	9056.1	8476.6	7933.1
15°	11073.8	10674.2	10079.8	9485.4	8929.5	8366.1	7722.1
17.5°	10741.2	10551.3	10122.0	9691.4	9209.9	8663.9	7908.2
20°	10473.2	10542.7	10371.4	10200.2	9814.3	9337.8	8489.0
22.5°	10292.0	10625.8	10757.3	10890.1	10658.1	10285.8	9304.2
25°	10190.2	10743.7	11184.2	11626.0	11523.0	11236.3	10294.5
27.5°	10234.9	10913.7	11597.4	12282.4	12378.0	12298.5	11338.1
30°	10368.9	11056.4	11889.0	12722.9	13103.9	13210.6	12207.9
32.5°	10592.3	11266.1	12173.2	13081.5	13657.3	13997.3	13003.4
35°	10929.8	11560.2	12505.8	13451.3	14195.9	14816.3	13824.8
37.5°	11509.3	12051.6	12923.9	13797.5	14763.0	15694.9	14729.5
40°	12358.1	12741.5	13478.6	14217.0	15431.8	16690.1	15738.3
42.5°	13429.0	13626.3	14210.8	14795.2	16130.4	17593.4	16724.8
45°	14589.2	14641.3	15008.7	15377.2	16683.9	18208.9	17465.6
47.5°	15706.0	15527.3	15673.8	15820.2	17108.3	18648.2	18027.8
50°	16855.1	16357.5	16280.6	16203.6	17532.6	19165.7	18742.5
52.5°	18024.0	17203.8	16899.8	16594.5	18038.9	19851.9	19632.2
55°	19168.1	18124.5	17715.0	17305.6	18813.2	20689.5	20938.9
57.5°	20358.2	19175.6	18795.9	18416.2	19951.1	21750.4	22111.5
60°	21638.8	20467.4	20163.3	19858.1	21365.8	22897.0	22634.0
62.5°	22853.6	21922.9	21762.9	21601.5	22796.5	23778.1	22430.5
65°	23665.2	23134.0	23283.0	23433.1	23878.6	23997.7	21834.8
67.5°	23122.9	23230.8	23860.0	24490.3	24183.8	23345.0	20660.9
70°	20110.0	20757.7	22248.0	23739.6	23059.6	21596.6	18553.9
72.5°	15621.7	16350.1	18562.6	20776.3	20149.7	18357.8	15239.5
75°	11606.1	12428.8	14870.9	17313.0	16443.1	13731.8	10911.2
77.5°	8233.4	8784.3	11195.4	13607.7	12189.3	9140.4	7342.4
80°	5993.5	5824.8	7168.7	8512.6	8276.8	6045.7	4715.4
82.5°	4614.9	4202.9	4835.8	5468.6	5433.9	4195.5	3459.6
85°	3516.7	3351.7	3911.3	4471.0	3992.0	2841.7	2198.9
87.5°	2050.0	2305.6	2964.5	3624.7	2720.0	862.4	426.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320619  
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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)