

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: P320598

Luminaire Tested: **GAN-SA4B-730-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320598  
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-SA4B-730-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 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: 18449 lumens  
Efficiency: N/A  
Efficacy: 107.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B2 - U0 - G4

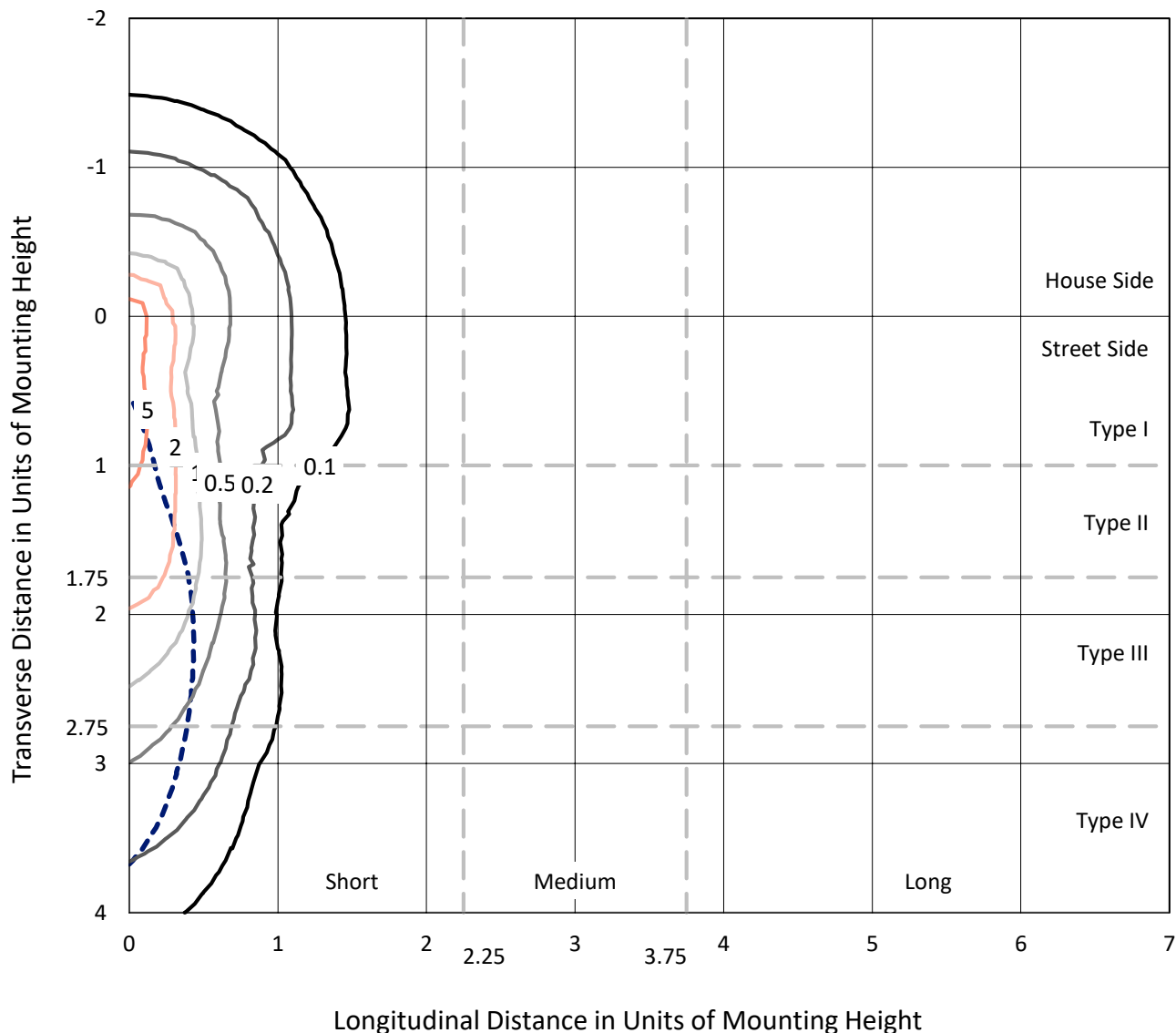
Input Watts (W): 171  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

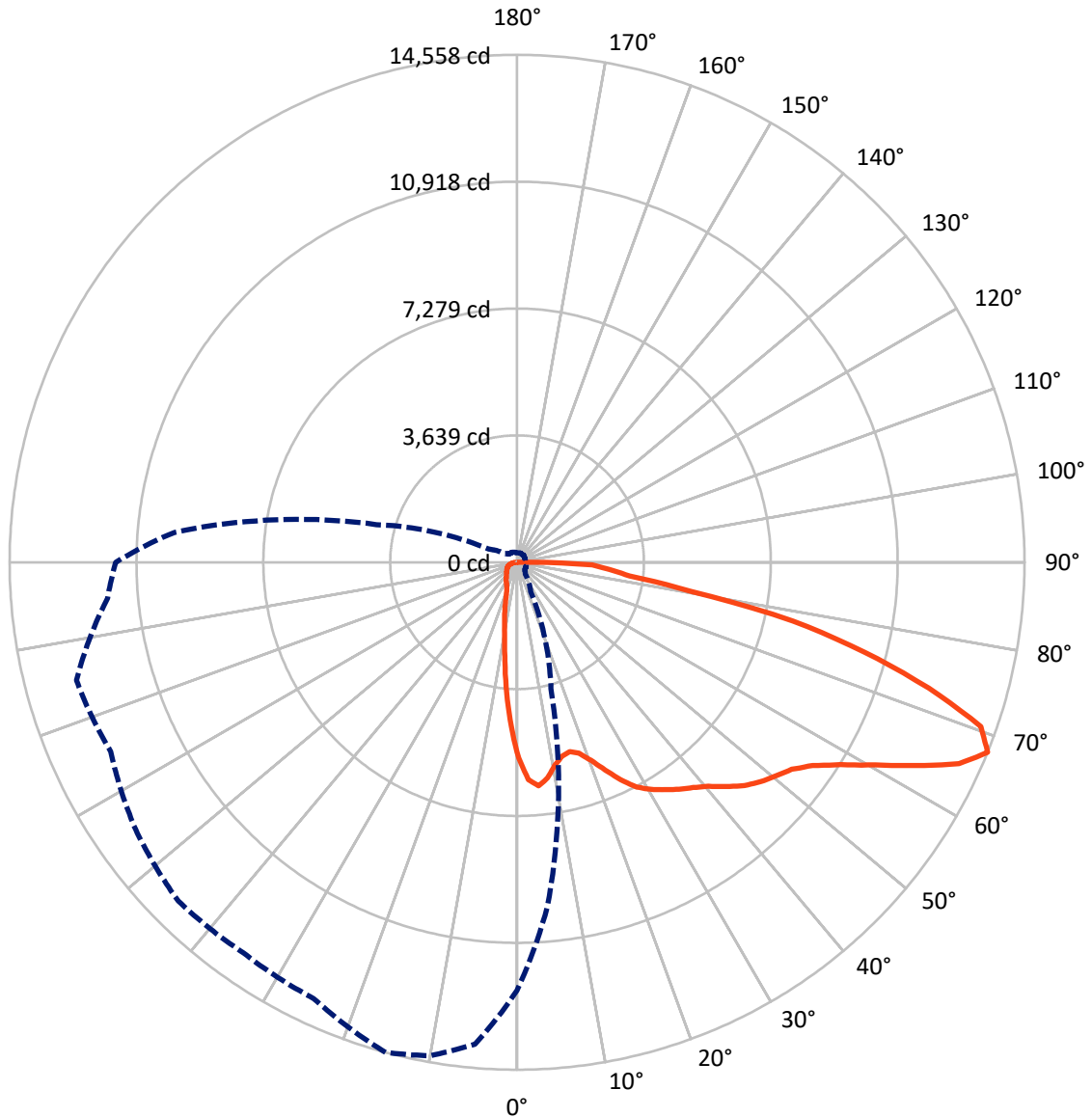
× Max cd  
 - - - 1/2 Max cd



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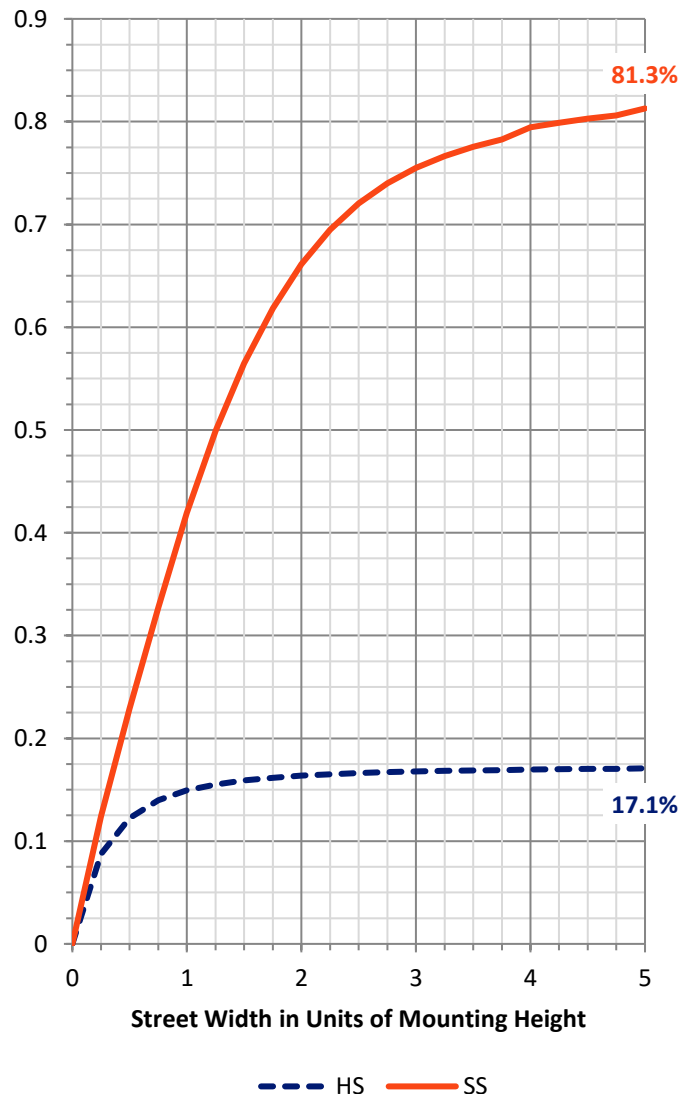
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3189.4	0.0	3189.4
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	15259.6	0.0	15259.6
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	18449.0	0.0	18449.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	433.8	2.4
10°-20°	901.1	4.9
20°-30°	1281.6	6.9
30°-40°	1846.8	10.0
40°-50°	2602.7	14.1
50°-60°	3618.2	19.6
60°-70°	4375.5	23.7
70°-80°	2689.5	14.6
80°-90°	699.8	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°	18449.0	100.0
0°-180°	18449.0	100.0

**Coefficient of Utilization**

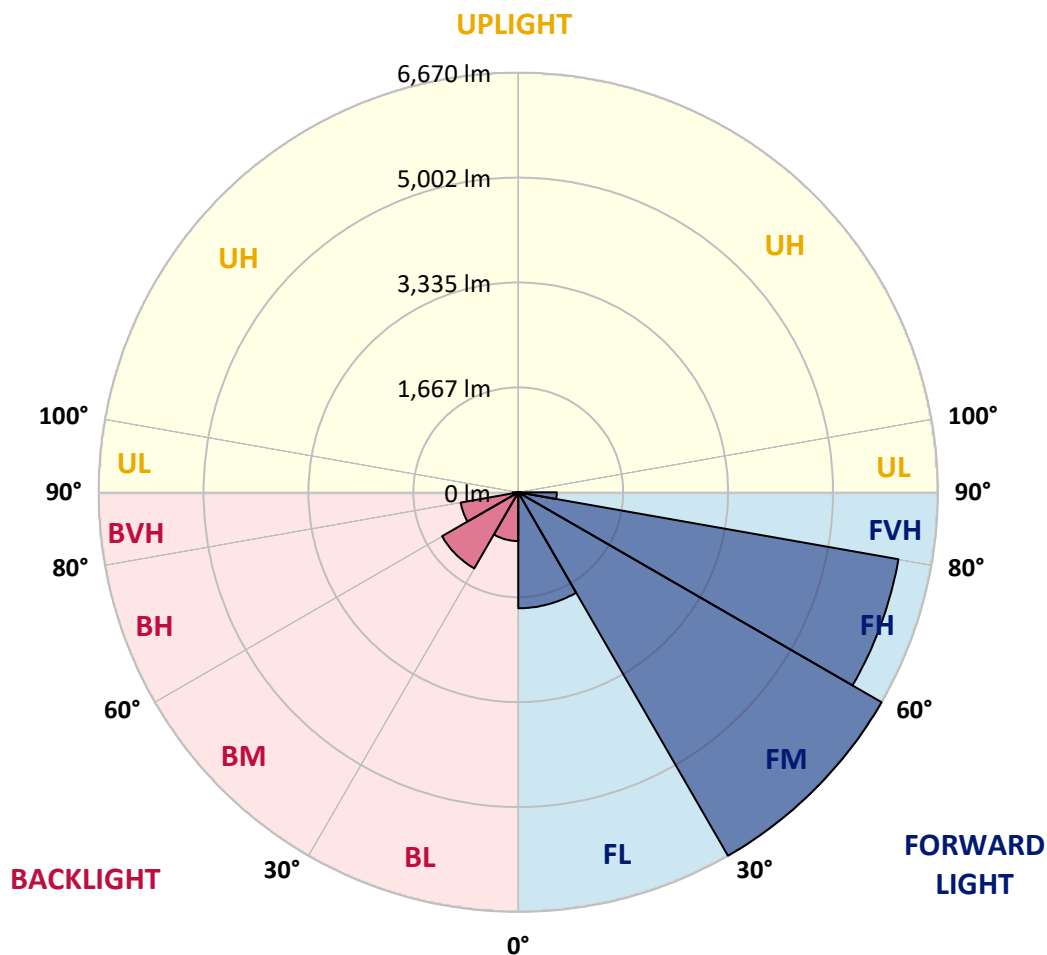


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1842.2	10.0			
FM (30°-60°)	6669.8	36.2			
FH (60°-80°)	6135.5	33.3			G3/7500
FVH (80°-90°)	612.1	3.3			G4/750
BL (0°-30°)	774.4	4.2	B2/1000		
BM (30°-60°)	1397.9	7.6	B2/2500		
BH (60°-80°)	929.5	5.0	B2/1000		G2/1000
BVH (80°-90°)	87.7	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G4**  
 Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	6021.1	5968.0	5887.6	5807.2	5747.5	5687.0	5618.4	5549.8	5471.6	5392.7	5346.2
5°	5921.6	5774.0	5582.3	5390.5	5263.6	5136.7	4992.9	4849.1	4706.7	4564.4	4487.6
7.5°	5473.1	5251.8	5002.5	4753.2	4568.8	4383.6	4184.5	3984.6	3807.6	3629.8	3519.9
10°	5032.0	4766.5	4480.3	4193.3	3957.3	3721.3	3521.4	3320.7	3187.2	3053.7	2952.7
12.5°	4715.6	4421.3	4106.3	3790.6	3554.6	3318.5	3191.7	3064.8	2954.1	2843.5	2727.0
15°	4590.2	4257.5	3935.2	3612.1	3397.4	3182.8	3041.9	2900.3	2752.0	2603.0	2459.9
17.5°	4700.8	4311.4	3961.0	3610.6	3329.6	3048.6	2851.6	2653.9	2458.5	2263.0	2097.0
20°	5046.0	4548.9	4090.8	3632.0	3258.0	2884.1	2620.0	2355.2	2104.4	1853.6	1665.5
22.5°	5530.6	4872.7	4274.5	3676.3	3193.1	2709.3	2378.1	2046.1	1749.6	1453.1	1268.7
25°	6119.2	5302.0	4539.3	3775.8	3166.6	2556.6	2149.4	1742.2	1429.5	1116.0	984.7
27.5°	6739.6	5813.9	4868.2	3921.9	3171.0	2420.1	1956.9	1492.9	1211.2	929.4	839.4
30°	7256.6	6398.8	5251.8	4104.1	3188.0	2271.8	1775.4	1279.0	1046.7	814.3	756.1
32.5°	7729.5	6806.7	5541.0	4274.5	3207.1	2139.1	1635.3	1130.8	941.2	750.9	702.9
35°	8217.8	7168.9	5743.1	4316.5	3174.0	2030.7	1539.4	1048.1	873.3	697.8	657.2
37.5°	8755.5	7560.5	5937.8	4314.3	3117.9	1921.5	1464.9	1007.6	829.1	649.8	620.3
40°	9355.2	7993.5	6148.7	4304.0	3067.0	1829.3	1409.6	989.1	804.7	619.6	594.5
42.5°	9941.6	8406.6	6345.0	4283.3	3025.7	1767.3	1355.0	942.7	782.6	621.8	586.4
45°	10381.9	8767.3	6515.3	4262.7	2994.7	1726.8	1312.2	897.7	762.0	626.2	581.2
47.5°	10716.1	9129.4	6704.2	4278.2	2991.8	1705.4	1282.0	858.6	722.9	586.4	568.0
50°	11140.9	9564.6	6979.3	4394.0	3032.3	1670.7	1246.6	821.7	685.2	548.8	573.9
52.5°	11669.8	10185.7	7405.6	4624.8	3117.2	1609.5	1190.5	771.5	639.5	506.7	545.8
55°	12446.5	10981.6	7950.7	4919.1	3219.7	1519.5	1105.7	691.1	579.0	466.2	500.8
57.5°	13143.5	11785.6	8473.7	5161.1	3283.9	1405.9	998.7	591.6	511.2	430.8	450.7
60°	13454.1	12200.1	8718.6	5236.3	3245.5	1254.7	878.5	501.6	451.4	401.3	397.6
62.5°	13333.1	11936.8	8477.4	5018.0	3058.1	1098.3	772.3	446.3	408.6	370.3	362.2
65°	12979.0	11109.2	7801.7	4494.3	2741.7	989.1	705.2	421.2	379.1	337.1	328.2
67.5°	12281.3	9931.2	6844.3	3757.4	2339.7	922.0	666.8	411.6	360.7	309.1	298.7
70°	11028.8	8513.5	5741.6	2968.9	1925.2	880.7	641.7	402.7	340.8	278.1	268.5
72.5°	9058.6	6825.9	4585.0	2343.4	1609.5	875.5	638.8	402.0	324.5	247.1	238.2
75°	6485.8	5184.7	3500.0	1814.5	1318.1	821.7	606.3	390.9	302.4	213.2	205.1
77.5°	4364.5	3588.5	2432.6	1276.1	978.1	680.1	509.7	339.3	258.9	178.5	170.4
80°	2802.9	2483.5	1630.1	776.7	634.3	492.0	364.4	236.8	188.8	140.1	133.5
82.5°	2056.5	1848.5	1133.0	417.5	352.6	286.9	222.8	158.6	129.1	99.6	96.6
85°	1307.1	1441.3	834.2	227.2	185.9	144.6	119.5	94.4	74.5	54.6	54.6
87.5°	253.7	351.1	230.9	109.9	80.4	50.9	43.5	35.4	19.9	3.7	4.4
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°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	5299.0	5248.1	5197.2	5139.7	5081.4	5027.6	4973.0	4913.2	4924.3	4878.6	4832.8
5°	4410.9	4329.8	4247.9	4177.1	4106.3	4045.1	3983.1	3927.8	3975.7	3943.3	3910.8
7.5°	3409.3	3308.9	3207.9	3123.1	3038.2	2972.6	2906.2	2860.5	2907.7	2901.8	2895.9
10°	2851.6	2754.2	2656.1	2562.5	2468.8	2389.1	2308.7	2240.9	2229.1	2195.1	2160.5
12.5°	2609.7	2476.2	2341.9	2243.8	2145.7	2050.6	1955.4	1875.8	1839.6	1783.5	1726.8
15°	2316.8	2159.0	2001.1	1889.8	1777.6	1685.4	1592.5	1523.9	1501.0	1457.5	1414.0
17.5°	1931.1	1758.5	1585.9	1473.0	1359.4	1285.7	1211.2	1165.4	1165.4	1152.9	1140.4
20°	1477.4	1323.3	1169.1	1082.8	996.5	957.4	917.6	898.4	904.3	905.1	905.1
22.5°	1083.6	989.1	894.7	860.1	824.7	810.6	796.6	788.5	791.5	792.2	792.9
25°	853.4	817.3	780.4	762.7	744.3	735.4	726.5	723.6	730.2	731.0	731.0
27.5°	749.4	727.3	704.4	693.4	681.6	677.9	674.2	669.0	675.7	675.7	674.9
30°	697.0	673.4	649.8	635.8	621.8	623.3	624.0	622.5	627.0	629.9	632.1
32.5°	654.3	631.4	608.5	594.5	579.8	577.6	575.3	573.9	583.5	588.6	593.8
35°	615.9	590.8	565.7	552.5	539.2	534.0	528.9	525.2	534.0	540.7	547.3
37.5°	590.1	564.3	537.7	525.2	511.9	505.3	498.6	494.2	497.9	500.8	503.8
40°	569.4	542.9	515.6	500.8	486.1	479.4	472.8	469.1	471.3	472.1	472.8
42.5°	550.3	524.4	498.6	482.4	465.4	457.3	449.2	444.8	446.3	447.7	448.5
45°	536.2	510.4	483.9	464.7	444.8	435.9	427.1	421.9	422.7	422.7	422.7
47.5°	549.5	511.9	473.5	451.4	428.6	418.2	407.9	402.7	401.3	399.8	398.3
50°	598.2	534.0	469.1	441.1	412.3	401.3	389.5	383.6	379.9	378.4	376.9
52.5°	584.2	528.9	472.8	436.7	399.8	386.5	373.2	363.6	360.0	357.7	355.5
55°	534.8	500.1	464.7	421.2	377.7	365.9	353.3	346.7	340.0	338.6	337.1
57.5°	469.9	455.8	441.8	397.6	353.3	342.3	330.5	326.0	320.1	320.1	319.4
60°	393.1	413.8	434.5	383.6	331.9	319.4	306.8	303.2	300.9	300.2	299.5
62.5°	353.3	387.2	420.4	366.6	312.0	298.7	285.5	281.0	280.3	281.0	281.0
65°	319.4	329.7	340.0	315.0	289.9	276.6	262.6	258.2	259.6	261.9	264.1
67.5°	288.4	286.2	284.0	275.1	265.5	254.5	242.7	238.2	239.0	241.9	244.9
70°	258.9	256.0	252.3	245.6	239.0	229.4	219.8	216.9	216.1	219.8	222.8
72.5°	229.4	225.7	221.3	216.1	210.2	202.1	194.0	191.8	192.5	194.7	196.9
75°	196.9	194.0	190.3	185.9	180.7	173.3	166.0	164.5	166.0	168.2	170.4
77.5°	161.5	160.8	159.3	155.6	151.9	143.8	135.0	134.2	136.5	138.7	140.1
80°	126.1	126.9	127.6	124.7	121.7	112.9	103.3	102.5	104.7	107.0	109.2
82.5°	92.9	95.2	96.6	92.9	89.3	78.9	68.6	67.1	74.5	76.7	78.9
85°	53.8	56.8	59.7	56.8	53.8	43.5	33.2	32.5	39.1	42.8	46.5
87.5°	4.4	5.9	7.4	6.6	5.9	3.0	0.0	0.0	0.7	3.7	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320598  
 CATALOG NUMBER: GAN-SA4B-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: P320598  
 CATALOG NUMBER: GAN-SA4B-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	4804.1	4775.3	4766.5	4757.6	4725.2	4692.0	4725.9	4759.1	4773.1	4787.1	4751.0
5°	3906.4	3901.2	3901.2	3900.5	3871.0	3840.8	3863.6	3885.7	3836.3	3786.9	3781.7
7.5°	2927.6	2959.3	2985.1	3010.2	3000.6	2991.0	3012.4	3033.8	2971.1	2907.7	2876.7
10°	2167.8	2174.5	2202.5	2230.5	2237.2	2243.1	2269.6	2295.5	2246.8	2198.1	2176.7
12.5°	1691.3	1655.9	1659.6	1662.6	1675.9	1688.4	1716.4	1743.7	1723.8	1703.1	1705.4
15°	1369.7	1324.8	1306.3	1287.1	1301.9	1316.6	1336.6	1355.7	1356.5	1356.5	1375.6
17.5°	1118.2	1095.4	1076.9	1057.7	1077.7	1096.8	1099.0	1101.3	1102.0	1102.7	1101.3
20°	916.1	927.2	921.3	915.4	922.8	929.4	935.3	940.5	933.8	926.4	908.0
22.5°	803.3	812.9	820.2	826.9	839.4	851.2	845.3	838.7	825.4	811.4	797.4
25°	737.6	744.3	751.6	759.0	769.3	778.9	768.6	758.3	748.7	739.1	729.5
27.5°	682.3	688.9	695.6	701.5	711.1	719.9	710.3	700.7	692.6	684.5	677.1
30°	637.3	641.7	646.9	652.1	660.9	669.0	660.9	652.1	646.1	639.5	634.3
32.5°	598.9	603.4	605.6	607.8	615.9	624.0	618.1	612.2	607.1	601.9	598.2
35°	556.9	565.7	567.2	568.7	576.8	584.9	581.2	576.8	570.9	565.0	558.4
37.5°	514.1	524.4	530.3	535.5	543.6	551.7	548.0	544.4	536.2	528.1	516.3
40°	478.0	482.4	493.5	503.8	517.1	529.6	522.2	514.1	501.6	489.0	483.1
42.5°	447.7	447.0	457.3	467.6	487.6	506.7	493.5	480.2	468.4	456.6	455.1
45°	421.2	419.0	424.1	429.3	450.7	471.3	458.1	444.0	437.4	430.8	430.8
47.5°	397.6	396.1	399.8	402.7	416.0	428.6	421.9	415.3	411.6	407.9	408.6
50°	376.2	374.7	378.4	381.3	386.5	390.9	392.4	393.1	390.9	388.7	390.2
52.5°	356.3	356.3	357.7	358.5	365.1	371.8	371.8	371.0	371.0	371.0	372.5
55°	339.3	340.8	340.8	340.8	351.1	360.7	357.7	354.8	355.5	355.5	357.0
57.5°	322.3	324.5	326.0	327.5	337.8	348.2	345.2	342.3	342.3	342.3	343.0
60°	303.2	306.1	309.1	312.0	322.3	332.7	329.7	326.0	326.8	327.5	328.2
62.5°	284.7	287.7	290.6	293.6	303.9	314.2	311.3	307.6	309.8	311.3	311.3
65°	267.0	269.2	272.2	275.1	284.7	294.3	291.4	288.4	291.4	293.6	295.0
67.5°	247.1	248.6	251.5	254.5	264.1	273.7	270.7	267.0	270.7	273.7	276.6
70°	224.2	225.7	229.4	232.3	241.9	251.5	247.8	244.2	247.8	251.5	254.5
72.5°	199.2	200.6	204.3	207.3	218.3	229.4	225.0	220.5	225.0	229.4	230.9
75°	171.9	173.3	177.8	181.5	192.5	203.6	199.9	195.5	199.2	202.8	203.6
77.5°	142.4	144.6	150.5	156.4	165.2	174.1	171.9	169.7	171.9	174.1	174.1
80°	111.4	113.6	121.0	127.6	132.8	137.9	138.7	139.4	140.1	140.9	140.1
82.5°	82.6	85.6	92.2	98.8	98.8	98.8	104.7	109.9	109.9	109.2	108.4
85°	50.9	54.6	60.5	66.4	62.7	59.0	68.6	77.4	77.4	76.7	75.2
87.5°	10.3	14.0	19.9	25.1	21.4	17.7	27.3	36.9	37.6	37.6	36.1
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: P320598  
 CATALOG NUMBER: GAN-SA4B-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: P320598

CATALOG NUMBER: GAN-SA4B-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	4714.1	4771.6	4828.4	4843.2	4865.3	4874.9	4883.7	4956.0	5027.6	5111.7	5195.8
5°	3775.8	3818.6	3861.4	3868.0	3890.9	3902.7	3914.5	4002.3	4089.3	4206.6	4323.9
7.5°	2845.7	2856.0	2866.4	2864.9	2884.1	2909.9	2935.0	3028.6	3121.6	3247.7	3373.1
10°	2155.3	2178.9	2201.8	2223.2	2265.2	2313.9	2361.8	2457.7	2553.6	2678.3	2802.2
12.5°	1707.6	1734.9	1761.4	1785.0	1833.7	1898.6	1962.8	2077.9	2192.9	2341.9	2490.2
15°	1394.1	1391.9	1389.7	1405.9	1448.7	1519.5	1589.6	1711.3	1833.0	1996.7	2159.7
17.5°	1099.8	1088.7	1077.7	1090.2	1130.0	1188.3	1245.8	1349.1	1451.6	1610.2	1768.8
20°	889.6	882.2	874.8	886.6	911.7	936.0	960.4	1034.9	1108.6	1237.7	1366.1
22.5°	782.6	781.9	780.4	787.0	798.8	811.4	823.2	859.3	894.7	978.1	1060.7
25°	719.9	719.2	718.4	721.4	731.0	740.6	750.2	773.8	797.4	837.2	877.0
27.5°	669.8	668.3	666.8	667.5	669.8	684.5	698.5	709.6	719.9	747.2	773.8
30°	629.2	628.4	627.7	627.7	625.5	630.7	635.8	652.8	669.0	697.0	725.1
32.5°	594.5	590.8	587.1	579.0	573.9	581.2	588.6	606.3	624.0	649.8	675.7
35°	551.0	541.4	531.1	526.7	527.4	534.8	542.1	559.8	576.8	604.8	632.1
37.5°	503.8	500.8	497.2	496.4	498.6	506.0	513.4	528.9	543.6	571.7	598.9
40°	477.2	475.8	474.3	472.8	474.3	481.7	489.0	503.8	517.8	545.1	571.7
42.5°	453.6	452.9	452.2	452.2	452.9	461.0	469.1	483.9	497.9	522.2	546.6
45°	430.8	431.5	431.5	433.0	435.2	443.3	450.7	466.9	483.1	506.7	530.3
47.5°	409.4	411.6	413.1	416.8	419.0	427.8	435.9	453.6	471.3	500.8	529.6
50°	390.9	393.1	394.6	397.6	403.5	413.8	424.1	445.5	466.2	515.6	564.3
52.5°	374.0	376.2	378.4	381.3	388.7	400.5	412.3	438.9	464.7	522.2	579.8
55°	358.5	360.7	362.2	366.6	374.0	384.3	393.9	426.3	458.8	500.8	542.9
57.5°	343.7	345.9	347.4	350.4	354.1	365.1	375.4	410.1	444.8	474.3	503.1
60°	328.2	329.7	330.5	330.5	333.4	345.9	358.5	402.7	446.3	441.1	435.2
62.5°	311.3	312.7	313.5	311.3	315.0	328.2	341.5	399.0	456.6	421.2	385.8
65°	295.8	295.0	294.3	292.1	296.5	309.8	322.3	351.1	379.9	365.9	351.8
67.5°	278.8	276.6	274.4	271.4	275.9	287.7	298.7	308.3	317.9	319.4	320.9
70°	257.4	254.5	251.5	250.8	253.0	262.6	272.2	278.8	284.7	287.7	289.9
72.5°	232.3	230.1	227.9	226.4	227.2	235.3	242.7	248.6	254.5	256.7	258.2
75°	204.3	204.3	203.6	199.2	199.2	205.8	211.7	216.9	222.0	225.0	227.9
77.5°	174.1	174.8	174.8	168.9	168.2	174.8	180.7	185.1	188.8	191.8	194.0
80°	139.4	137.9	136.5	132.8	131.3	139.4	146.8	150.5	153.4	154.2	154.2
82.5°	107.0	104.0	100.3	92.2	92.9	101.8	109.9	112.9	115.8	115.8	115.8
85°	73.0	67.1	60.5	53.8	54.6	64.2	73.0	76.0	78.9	80.4	81.1
87.5°	34.7	28.8	22.1	17.0	17.0	25.1	32.5	33.9	35.4	38.4	41.3
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: P320598  
 CATALOG NUMBER: GAN-SA4B-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: P320598

CATALOG NUMBER: GAN-SA4B-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	5259.9	5323.4	5389.0	5454.7	5529.9	5605.1	5692.9	5779.9	5854.4	5928.9	5990.9
5°	4424.9	4526.0	4644.8	4763.5	4914.7	5065.9	5251.1	5435.5	5600.0	5764.5	5955.5
7.5°	3505.1	3636.4	3791.3	3946.2	4141.7	4337.2	4576.9	4816.6	5049.0	5280.6	5574.1
10°	2940.1	3078.1	3230.7	3382.7	3581.9	3780.3	4034.0	4287.0	4548.1	4808.5	5140.4
12.5°	2643.6	2796.3	2930.5	3064.8	3226.3	3387.1	3632.7	3878.4	4185.2	4491.3	4810.7
15°	2327.2	2493.9	2654.7	2815.5	2991.8	3167.3	3406.3	3645.3	3980.9	4316.5	4683.8
17.5°	1944.3	2119.9	2316.1	2511.6	2741.7	2971.1	3277.2	3583.3	3980.9	4377.7	4810.7
20°	1545.3	1724.5	1959.1	2193.7	2479.9	2765.3	3162.1	3559.0	4094.5	4629.3	5181.7
22.5°	1219.3	1377.1	1633.1	1888.3	2218.7	2549.2	3058.1	3566.4	4266.4	4965.6	5711.3
25°	988.4	1099.8	1351.3	1602.1	1983.4	2364.8	2994.7	3623.9	4516.4	5408.2	6333.2
27.5°	846.8	919.8	1154.4	1388.2	1804.9	2221.0	2968.9	3716.1	4833.6	5951.1	7009.5
30°	776.0	826.9	1025.3	1223.0	1646.4	2069.7	2937.9	3806.1	5139.0	6471.1	7538.4
32.5°	717.0	757.5	927.2	1096.1	1509.2	1922.2	2878.2	3833.4	5352.1	6870.9	7986.1
35°	666.8	700.7	848.3	995.8	1401.5	1807.2	2777.9	3748.6	5485.6	7222.7	8452.3
37.5°	626.2	652.8	789.2	925.7	1308.5	1691.3	2663.5	3635.7	5604.4	7573.1	8976.8
40°	594.5	617.4	745.0	872.6	1220.0	1567.4	2565.4	3562.7	5768.1	7973.6	9530.7
42.5°	576.8	606.3	706.6	806.2	1135.9	1465.6	2486.5	3507.4	5920.1	8332.1	10015.3
45°	572.4	614.4	686.7	759.0	1073.2	1387.5	2416.4	3444.7	6018.2	8591.7	10380.4
47.5°	565.0	599.7	671.2	742.8	1042.2	1341.0	2378.8	3415.9	6116.3	8816.0	10683.6
50°	569.4	573.9	658.7	742.8	1037.8	1332.9	2421.6	3510.3	6328.7	9146.4	11030.3
52.5°	561.3	542.1	635.1	728.0	1037.1	1346.1	2544.8	3743.4	6723.3	9702.6	11405.7
55°	518.5	493.5	590.8	688.2	1021.6	1354.3	2691.6	4028.1	7253.0	10477.1	12080.6
57.5°	480.9	458.1	540.7	622.5	974.4	1326.2	2842.8	4358.6	7812.8	11266.3	12841.1
60°	430.8	425.6	484.6	543.6	901.4	1258.4	2967.4	4675.7	8189.0	11701.5	13133.9
62.5°	389.5	392.4	435.9	479.4	809.9	1139.6	3008.7	4877.1	8178.7	11480.2	12838.9
65°	357.7	362.9	405.7	448.5	731.7	1015.0	2873.0	4730.3	7764.9	10798.7	12255.5
67.5°	326.8	332.7	383.6	433.7	662.4	890.3	2533.7	4176.4	7020.6	9864.1	11513.4
70°	297.3	304.6	360.0	415.3	612.2	808.4	2096.3	3384.2	6089.0	8793.1	10654.1
72.5°	265.5	272.9	331.9	390.9	580.5	769.3	1709.1	2648.0	4941.3	7233.8	9113.2
75°	233.1	238.2	302.4	365.9	537.0	708.1	1341.0	1973.1	3781.7	5590.4	6883.4
77.5°	200.6	207.3	261.1	314.2	455.8	596.7	1010.5	1424.3	2774.9	4124.7	4787.1
80°	160.1	166.0	204.3	241.9	351.8	461.0	694.8	928.7	1909.7	2890.7	3263.9
82.5°	122.4	129.1	154.9	180.0	250.8	321.6	421.2	520.8	1268.7	2015.9	2046.9
85°	84.1	86.3	104.7	122.4	154.9	187.4	241.2	295.0	839.4	1383.8	1152.9
87.5°	42.0	42.0	54.6	67.1	83.4	99.6	127.6	154.9	268.5	382.1	219.8
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: P320598  
 CATALOG NUMBER: GAN-SA4B-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: P320598

CATALOG NUMBER: GAN-SA4B-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	6069.8	6123.7	6178.3	6219.6	6261.6	6322.1	6382.6	6393.6	6405.4	6381.8	6358.2
5°	6148.0	6311.0	6474.8	6626.0	6777.2	6867.9	6958.6	6977.1	6995.5	6938.7	6881.2
7.5°	5858.1	6142.1	6426.1	6686.5	6946.8	7104.7	7263.3	7298.7	7334.8	7241.9	7149.0
10°	5470.9	5819.8	6168.7	6511.7	6854.6	7084.0	7313.4	7359.2	7404.9	7289.1	7173.3
12.5°	5171.4	5543.9	5916.4	6277.8	6640.0	6877.5	7115.0	7171.8	7228.6	7144.5	7059.7
15°	5079.2	5429.6	5779.9	6094.9	6410.6	6604.6	6799.3	6822.2	6845.8	6832.5	6819.2
17.5°	5246.6	5563.1	5880.3	6051.4	6223.2	6300.7	6378.9	6404.0	6429.8	6463.0	6496.9
20°	5652.3	5875.1	6098.6	6091.2	6083.1	6045.5	6007.1	6000.5	5993.8	6089.0	6184.9
22.5°	6257.9	6346.4	6435.7	6228.4	6021.1	5895.0	5768.1	5743.1	5717.2	5818.3	5920.1
25°	6915.1	6898.9	6881.9	6487.3	6092.0	5851.5	5611.0	5583.0	5555.0	5641.3	5728.3
27.5°	7565.7	7459.5	7353.3	6817.0	6280.8	5931.9	5583.0	5555.0	5526.9	5603.7	5680.4
30°	8042.9	7872.5	7702.2	7095.1	6488.0	6073.5	5659.0	5613.2	5566.8	5661.2	5755.6
32.5°	8415.4	8186.8	7958.1	7320.8	6683.5	6235.0	5786.6	5715.0	5643.5	5769.6	5895.7
35°	8787.2	8465.6	8143.3	7522.2	6900.4	6426.1	5951.1	5863.3	5775.5	5948.9	6122.2
37.5°	9254.8	8793.1	8330.6	7748.6	7166.7	6712.3	6257.2	6167.2	6077.2	6297.7	6519.0
40°	9762.3	9146.4	8530.5	7996.5	7462.4	7108.4	6753.6	6668.0	6581.7	6850.2	7118.7
42.5°	10184.2	9475.4	8766.5	8295.2	7823.1	7573.8	7323.8	7323.0	7321.6	7593.7	7865.9
45°	10527.2	9749.8	8971.6	8586.6	8200.8	8071.0	7941.1	8045.2	8149.2	8394.8	8641.1
47.5°	10783.2	9979.9	9175.9	8920.0	8664.0	8683.2	8702.4	8914.1	9125.8	9283.6	9442.2
50°	10949.9	10188.7	9426.7	9347.8	9268.9	9440.7	9613.3	9856.0	10099.4	10207.1	10314.8
52.5°	11192.5	10471.9	9750.5	9839.0	9927.5	10278.6	10629.7	10875.4	11121.0	11160.8	11201.4
55°	11753.9	10992.7	10230.7	10400.4	10570.7	11085.6	11601.2	11793.0	11984.7	11999.5	12014.3
57.5°	12551.2	11722.2	10893.1	11076.0	11258.9	11853.5	12448.7	12655.2	12862.5	12833.7	12804.2
60°	13148.0	12414.8	11680.8	11865.3	12049.7	12629.4	13209.2	13446.7	13684.9	13621.5	13558.1
62.5°	13184.8	12793.2	12400.8	12567.5	12734.9	13302.9	13870.8	14115.0	14359.1	14248.5	14137.8
65°	12598.4	12774.0	12949.5	13004.9	13060.2	13589.8	14120.1	14306.8	14494.1	14438.0	14382.0
67.5°	11790.8	12437.6	13085.3	12973.9	12862.5	13111.1	13359.7	13552.2	13744.7	13713.0	13680.5
70°	10984.5	11848.3	12712.0	12164.7	11616.7	11514.1	11411.6	11618.9	11826.9	11698.6	11569.5
72.5°	9611.8	10532.4	11453.7	10445.3	9437.0	9086.7	8736.3	8999.6	9263.0	9058.6	8853.6
75°	7545.0	8562.2	9580.1	8377.1	7174.0	6706.4	6238.7	6465.2	6691.6	6551.5	6410.6
77.5°	5616.9	6619.3	7621.8	6398.8	5175.1	4827.7	4479.5	4546.7	4614.5	4590.9	4566.6
80°	3809.8	4508.3	5207.6	4393.2	3578.9	3605.5	3632.7	3601.0	3568.6	3615.8	3663.0
82.5°	2431.2	2970.4	3510.3	3078.1	2645.8	2893.7	3141.5	3019.8	2897.3	2942.3	2988.1
85°	1387.5	1914.8	2443.0	2277.0	2110.3	2254.9	2400.2	2211.4	2022.5	2105.1	2188.5
87.5°	365.9	1059.2	1753.3	1591.8	1430.2	1242.9	1055.5	805.5	555.4	811.4	1067.3
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: P320598  
 CATALOG NUMBER: GAN-SA4B-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: P320598

CATALOG NUMBER: GAN-SA4B-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6	5620.6
2.5°	6345.7	6333.2	6288.2	6242.4	6174.6	6118.5	6021.1
5°	6801.5	6721.9	6584.7	6446.7	6293.3	6117.0	5921.6
7.5°	6963.1	6776.5	6513.1	6249.1	6011.6	5732.7	5473.1
10°	6894.5	6614.9	6272.7	5929.7	5641.3	5320.4	5032.0
12.5°	6763.2	6465.9	6089.0	5711.3	5383.1	5038.6	4715.6
15°	6582.5	6345.0	5991.6	5638.3	5307.9	4973.0	4590.2
17.5°	6384.8	6271.9	6016.7	5760.8	5474.6	5150.0	4700.8
20°	6225.5	6266.8	6165.0	6063.2	5833.8	5550.5	5046.0
22.5°	6117.8	6316.2	6394.4	6473.3	6335.4	6114.1	5530.6
25°	6057.3	6386.3	6648.1	6910.7	6849.5	6679.1	6119.2
27.5°	6083.8	6487.3	6893.7	7300.9	7357.7	7310.5	6739.6
30°	6163.5	6572.1	7067.1	7562.8	7789.2	7852.6	7256.6
32.5°	6296.3	6696.8	7236.0	7775.9	8118.2	8320.3	7729.5
35°	6496.9	6871.6	7433.7	7995.7	8438.3	8807.1	8217.8
37.5°	6841.4	7163.7	7682.2	8201.5	8775.4	9329.3	8755.5
40°	7345.9	7573.8	8012.0	8450.8	9173.0	9920.9	9355.2
42.5°	7982.5	8099.7	8447.2	8794.6	9588.2	10457.9	9941.6
45°	8672.1	8703.1	8921.4	9140.5	9917.2	10823.7	10381.9
47.5°	9336.0	9229.8	9316.8	9403.8	10169.5	11084.9	10716.1
50°	10019.0	9723.2	9677.5	9631.8	10421.7	11392.4	11140.9
52.5°	10713.8	10226.3	10045.6	9864.1	10722.7	11800.3	11669.8
55°	11393.9	10773.6	10530.2	10286.8	11183.0	12298.2	12446.5
57.5°	12101.3	11398.3	11172.6	10946.9	11859.4	12928.9	13143.5
60°	12862.5	12166.2	11985.5	11804.0	12700.2	13610.4	13454.1
62.5°	13584.6	13031.4	12936.3	12840.4	13550.7	14134.2	13333.1
65°	14067.0	13751.3	13839.8	13929.1	14193.9	14264.7	12979.0
67.5°	13744.7	13808.9	14182.8	14557.5	14375.4	13876.7	12281.3
70°	11953.8	12338.8	13224.7	14111.3	13707.1	12837.4	11028.8
72.5°	9285.8	9718.8	11034.0	12349.9	11977.4	10912.3	9058.6
75°	6898.9	7387.9	8839.6	10291.2	9774.1	8162.4	6485.8
77.5°	4894.1	5221.6	6654.7	8088.7	7245.6	5433.3	4364.5
80°	3562.7	3462.4	4261.2	5060.0	4919.9	3593.7	2802.9
82.5°	2743.2	2498.3	2874.5	3250.7	3230.0	2493.9	2056.5
85°	2090.4	1992.3	2325.0	2657.6	2372.9	1689.1	1307.1
87.5°	1218.5	1370.5	1762.2	2154.6	1616.8	512.6	253.7
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: P320598  
CATALOG NUMBER: GAN-SA4B-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)