

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: P320829

Luminaire Tested: **GAN-SA5A-722-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320829
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-SA5A-722-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 2200K, 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: 15047 lumens
Efficiency: N/A
Efficacy: 92.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

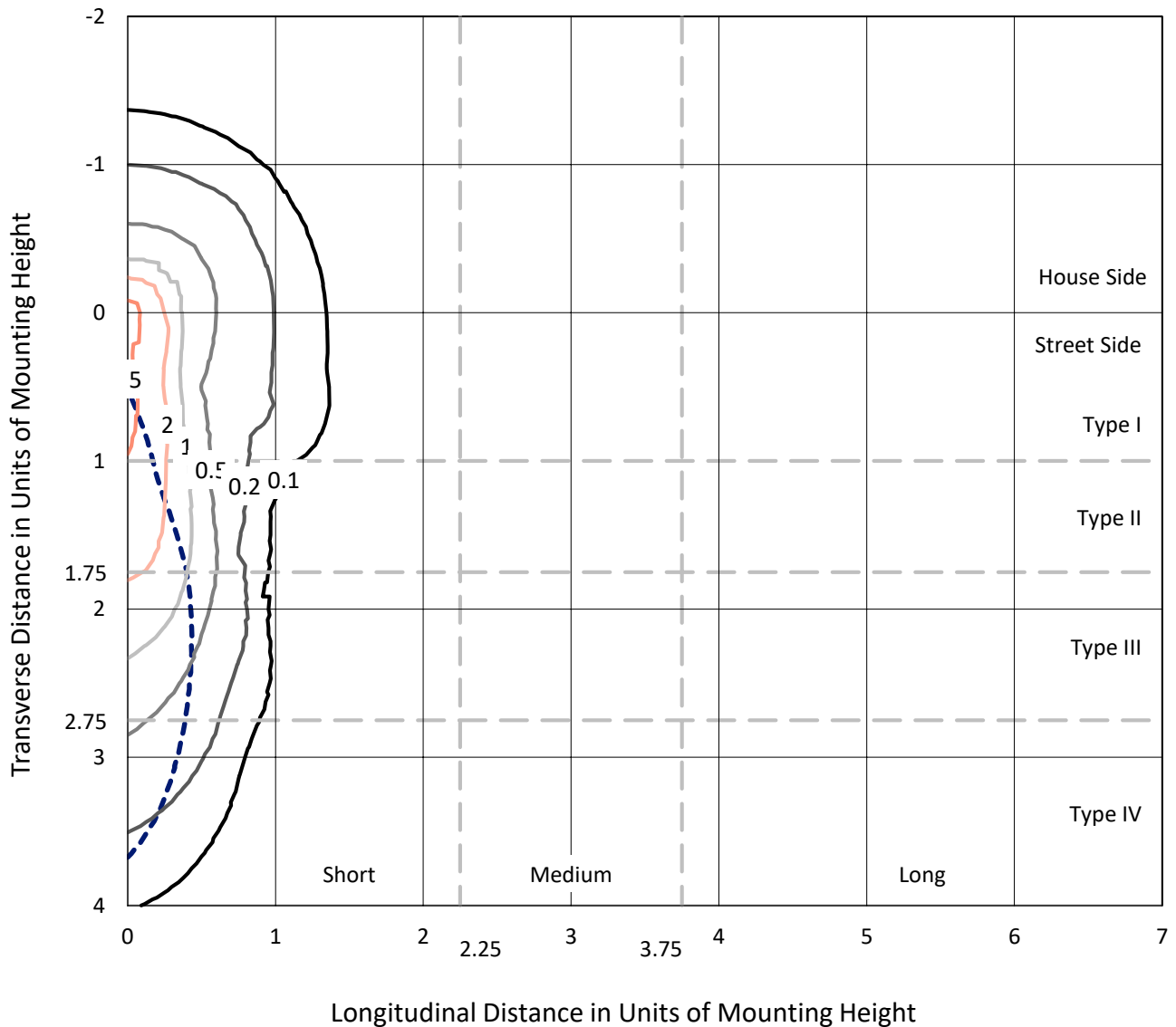
Input Watts (W): 162
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

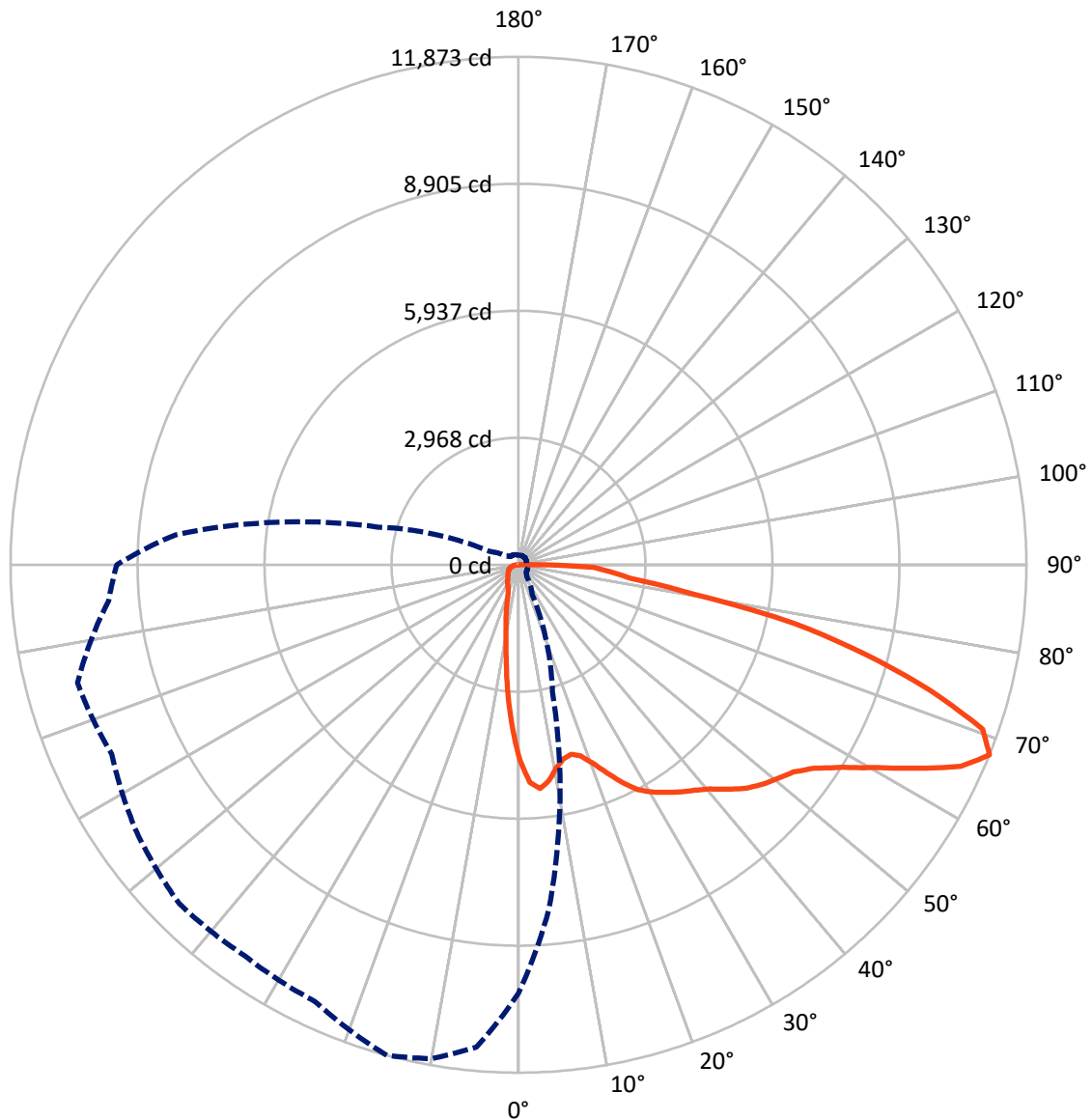
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.3 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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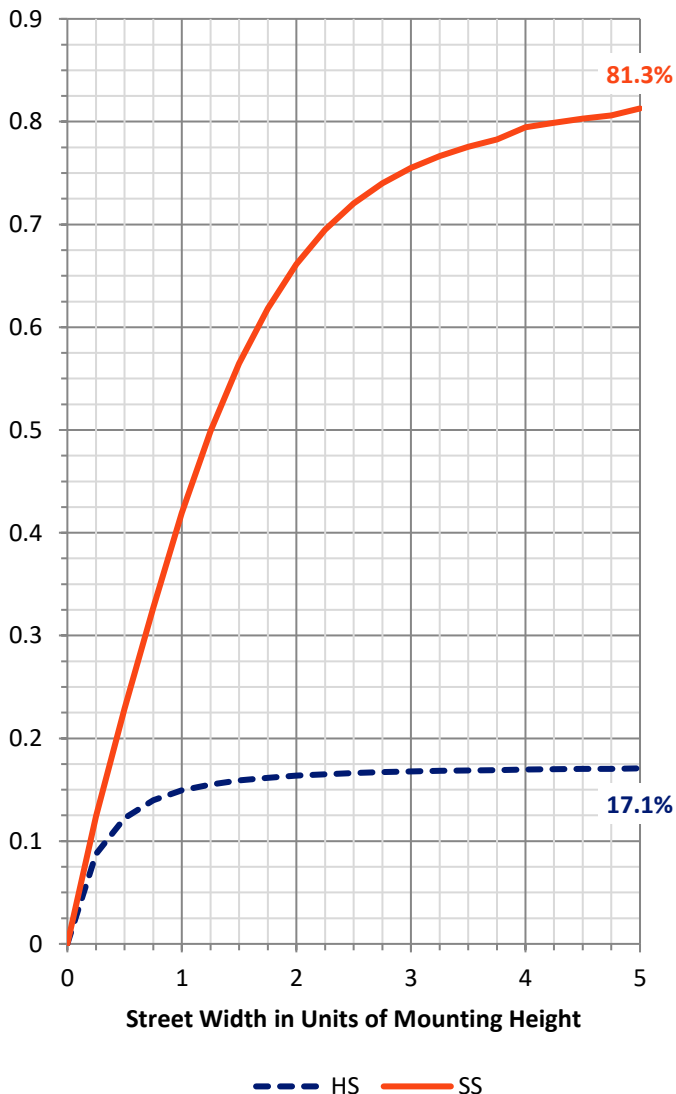
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2601.3	0.0	2601.3
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	12445.7	0.0	12445.7
	% Fixture	82.7	0.0	82.7
Total	Lumens	15047.0	0.0	15047.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	353.8	2.4
10°-20°	735.0	4.9
20°-30°	1045.3	6.9
30°-40°	1506.3	10.0
40°-50°	2122.7	14.1
50°-60°	2951.0	19.6
60°-70°	3568.6	23.7
70°-80°	2193.6	14.6
80°-90°	570.8	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°	15047.0	100.0
0°-180°	15047.0	100.0

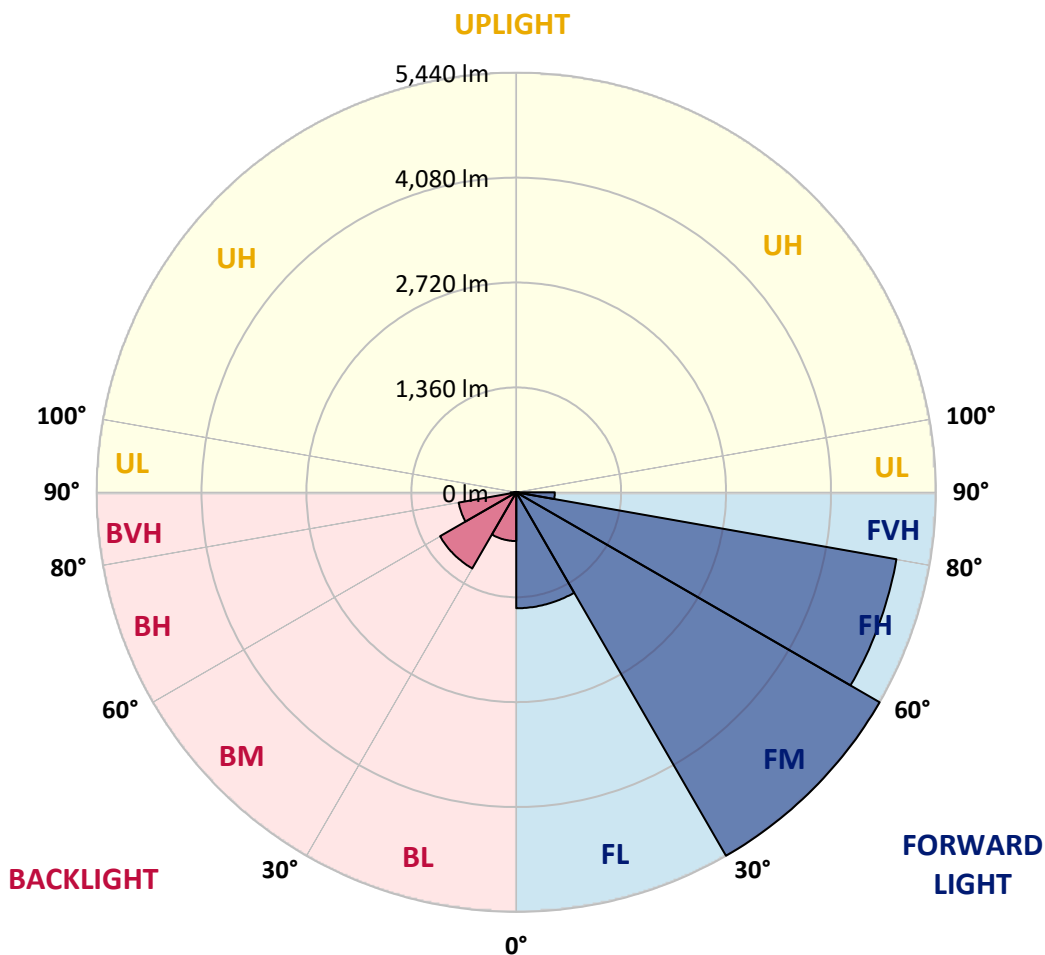


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1502.5	10.0			
FM (30°-60°)	5439.9	36.2			
FH (60°-80°)	5004.1	33.3			G3/7500
FVH (80°-90°)	499.2	3.3			G3/500
BL (0°-30°)	631.6	4.2	B2/1000		
BM (30°-60°)	1140.1	7.6	B2/2500		
BH (60°-80°)	758.1	5.0	B2/1000		G2/1000
BVH (80°-90°)	71.6	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-G3
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2
2.5°	4910.8	4867.5	4802.0	4736.4	4687.6	4638.3	4582.4	4526.4	4462.7	4398.3	4360.4
5°	4829.6	4709.3	4552.9	4396.5	4293.0	4189.5	4072.2	3954.9	3838.8	3722.7	3660.1
7.5°	4463.9	4283.4	4080.0	3876.7	3726.3	3575.3	3412.9	3249.8	3105.4	2960.5	2870.8
10°	4104.1	3887.5	3654.1	3420.1	3227.6	3035.1	2872.0	2708.4	2599.5	2490.6	2408.2
12.5°	3846.0	3606.0	3349.1	3091.6	2899.1	2706.6	2603.1	2499.6	2409.4	2319.2	2224.1
15°	3743.7	3472.4	3209.5	2946.0	2771.0	2595.9	2481.0	2365.5	2244.6	2123.0	2006.3
17.5°	3834.0	3516.3	3230.6	2944.8	2715.6	2486.4	2325.8	2164.5	2005.1	1845.7	1710.3
20°	4115.5	3710.1	3336.5	2962.3	2657.3	2352.2	2136.9	1920.9	1716.4	1511.8	1358.4
22.5°	4510.8	3974.2	3486.3	2998.4	2604.3	2209.7	1939.6	1668.8	1427.0	1185.1	1034.7
25°	4990.9	4324.3	3702.2	3079.6	2582.7	2085.1	1753.1	1421.0	1165.9	910.2	803.1
27.5°	5496.8	4741.8	3970.5	3198.7	2586.3	1973.8	1596.0	1217.6	987.8	758.0	684.6
30°	5918.5	5218.9	4283.4	3347.3	2600.1	1852.9	1448.0	1043.2	853.7	664.2	616.6
32.5°	6304.1	5551.5	4519.2	3486.3	2615.7	1744.6	1333.7	922.2	767.6	612.4	573.3
35°	6702.4	5846.9	4684.0	3520.5	2588.7	1656.2	1255.5	854.9	712.3	569.1	536.0
37.5°	7141.0	6166.4	4842.9	3518.7	2543.0	1567.2	1194.8	821.8	676.2	530.0	505.9
40°	7630.1	6519.5	5014.9	3510.3	2501.4	1492.0	1149.7	806.7	656.3	505.3	484.9
42.5°	8108.3	6856.4	5174.9	3493.5	2467.8	1441.4	1105.1	768.8	638.3	507.1	478.3
45°	8467.5	7150.6	5313.9	3476.6	2442.5	1408.3	1070.2	732.1	621.5	510.8	474.1
47.5°	8740.0	7446.0	5467.9	3489.3	2440.1	1390.9	1045.6	700.3	589.6	478.3	463.2
50°	9086.5	7800.9	5692.3	3583.7	2473.2	1362.6	1016.7	670.2	558.9	447.6	468.0
52.5°	9517.9	8307.5	6040.0	3772.0	2542.4	1312.7	971.0	629.3	521.6	413.3	445.2
55°	10151.4	8956.6	6484.6	4012.1	2626.0	1239.3	901.8	563.7	472.3	380.2	408.5
57.5°	10719.9	9612.3	6911.2	4209.4	2678.3	1146.6	814.6	482.5	416.9	351.3	367.6
60°	10973.1	9950.4	7110.9	4270.7	2647.0	1023.3	716.5	409.1	368.2	327.3	324.3
62.5°	10874.5	9735.7	6914.2	4092.7	2494.2	895.8	629.9	364.0	333.3	302.0	295.4
65°	10585.7	9060.7	6363.1	3665.5	2236.1	806.7	575.1	343.5	309.2	274.9	267.7
67.5°	10016.6	8099.9	5582.2	3064.5	1908.3	752.0	543.8	335.7	294.2	252.1	243.6
70°	8995.1	6943.6	4682.8	2421.4	1570.2	718.3	523.4	328.5	277.9	226.8	219.0
72.5°	7388.2	5567.2	3739.5	1911.3	1312.7	714.1	521.0	327.9	264.7	201.5	194.3
75°	5289.8	4228.6	2854.6	1479.9	1075.1	670.2	494.5	318.8	246.7	173.9	167.2
77.5°	3559.7	2926.8	1984.1	1040.8	797.7	554.7	415.7	276.7	211.2	145.6	139.0
80°	2286.1	2025.6	1329.5	633.5	517.4	401.3	297.2	193.1	154.0	114.3	108.9
82.5°	1677.3	1507.6	924.1	340.5	287.6	234.0	181.7	129.3	105.3	81.2	78.8
85°	1066.0	1175.5	680.4	185.3	151.6	117.9	97.5	77.0	60.8	44.5	44.5
87.5°	206.9	286.4	188.3	89.6	65.6	41.5	35.5	28.9	16.2	3.0	3.6
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):

	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°	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2
2.5°	4321.9	4280.4	4238.9	4191.9	4144.4	4100.5	4056.0	4007.2	4016.3	3979.0	3941.7
5°	3597.6	3531.4	3464.6	3406.8	3349.1	3299.2	3248.6	3203.5	3242.6	3216.1	3189.7
7.5°	2780.6	2698.8	2616.3	2547.2	2478.0	2424.4	2370.3	2333.0	2371.5	2366.7	2361.9
10°	2325.8	2246.4	2166.4	2089.9	2013.5	1948.6	1883.0	1827.7	1818.0	1790.4	1762.1
12.5°	2128.5	2019.6	1910.1	1830.1	1750.0	1672.4	1594.8	1529.9	1500.4	1454.7	1408.3
15°	1889.6	1760.9	1632.1	1541.3	1449.8	1374.7	1298.8	1242.9	1224.3	1188.8	1153.3
17.5°	1575.0	1434.2	1293.4	1201.4	1108.7	1048.6	987.8	950.5	950.5	940.3	930.1
20°	1205.0	1079.3	953.5	883.1	812.8	780.9	748.4	732.7	737.6	738.2	738.2
22.5°	883.7	806.7	729.7	701.5	672.6	661.2	649.7	643.1	645.5	646.1	646.7
25°	696.0	666.6	636.5	622.1	607.0	599.8	592.6	590.2	595.6	596.2	596.2
27.5°	611.2	593.2	574.5	565.5	555.9	552.9	549.9	545.6	551.1	551.1	550.5
30°	568.5	549.3	530.0	518.6	507.1	508.3	509.0	507.7	511.4	513.8	515.6
32.5°	533.6	515.0	496.3	484.9	472.9	471.1	469.2	468.0	475.9	480.1	484.3
35°	502.3	481.9	461.4	450.6	439.8	435.6	431.3	428.3	435.6	441.0	446.4
37.5°	481.3	460.2	438.6	428.3	417.5	412.1	406.7	403.1	406.1	408.5	410.9
40°	464.4	442.8	420.5	408.5	396.5	391.0	385.6	382.6	384.4	385.0	385.6
42.5°	448.8	427.7	406.7	393.4	379.6	373.0	366.4	362.8	364.0	365.2	365.8
45°	437.4	416.3	394.6	379.0	362.8	355.5	348.3	344.1	344.7	344.7	344.7
47.5°	448.2	417.5	386.2	368.2	349.5	341.1	332.7	328.5	327.3	326.1	324.9
50°	487.9	435.6	382.6	359.8	336.3	327.3	317.6	312.8	309.8	308.6	307.4
52.5°	476.5	431.3	385.6	356.1	326.1	315.2	304.4	296.6	293.6	291.8	290.0
55°	436.2	407.9	379.0	343.5	308.0	298.4	288.2	282.8	277.3	276.1	274.9
57.5°	383.2	371.8	360.4	324.3	288.2	279.1	269.5	265.9	261.1	261.1	260.5
60°	320.7	337.5	354.3	312.8	270.7	260.5	250.3	247.3	245.5	244.9	244.2
62.5°	288.2	315.8	342.9	299.0	254.5	243.6	232.8	229.2	228.6	229.2	229.2
65°	260.5	268.9	277.3	256.9	236.4	225.6	214.2	210.6	211.8	213.6	215.4
67.5°	235.2	233.4	231.6	224.4	216.6	207.6	197.9	194.3	194.9	197.3	199.7
70°	211.2	208.8	205.7	200.3	194.9	187.1	179.3	176.9	176.3	179.3	181.7
72.5°	187.1	184.1	180.5	176.3	171.5	164.8	158.2	156.4	157.0	158.8	160.6
75°	160.6	158.2	155.2	151.6	147.4	141.4	135.4	134.2	135.4	137.2	139.0
77.5°	131.7	131.1	129.9	126.9	123.9	117.3	110.1	109.5	111.3	113.1	114.3
80°	102.9	103.5	104.1	101.7	99.3	92.0	84.2	83.6	85.4	87.2	89.0
82.5°	75.8	77.6	78.8	75.8	72.8	64.4	55.9	54.7	60.8	62.6	64.4
85°	43.9	46.3	48.7	46.3	43.9	35.5	27.1	26.5	31.9	34.9	37.9
87.5°	3.6	4.8	6.0	5.4	4.8	2.4	0.0	0.0	0.6	3.0	5.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320829
 CATALOG NUMBER: GAN-SA5A-722-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: P320829
 CATALOG NUMBER: GAN-SA5A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2
2.5°	3918.2	3894.7	3887.5	3880.3	3853.8	3826.8	3854.4	3881.5	3892.9	3904.4	3874.9
5°	3186.1	3181.8	3181.8	3181.2	3157.2	3132.5	3151.2	3169.2	3128.9	3088.6	3084.4
7.5°	2387.7	2413.6	2434.7	2455.1	2447.3	2439.5	2456.9	2474.4	2423.2	2371.5	2346.2
10°	1768.1	1773.5	1796.4	1819.2	1824.6	1829.5	1851.1	1872.2	1832.5	1792.8	1775.3
12.5°	1379.5	1350.6	1353.6	1356.0	1366.8	1377.1	1399.9	1422.2	1405.9	1389.1	1390.9
15°	1117.2	1080.5	1065.4	1049.8	1061.8	1073.9	1090.1	1105.7	1106.3	1106.3	1122.0
17.5°	912.0	893.4	878.3	862.7	878.9	894.6	896.4	898.2	898.8	899.4	898.2
20°	747.2	756.2	751.4	746.6	752.6	758.0	762.8	767.0	761.6	755.6	740.6
22.5°	655.1	663.0	669.0	674.4	684.6	694.2	689.4	684.0	673.2	661.8	650.3
25°	601.6	607.0	613.0	619.0	627.5	635.3	626.9	618.4	610.6	602.8	595.0
27.5°	556.5	561.9	567.3	572.1	579.9	587.2	579.3	571.5	564.9	558.3	552.3
30°	519.8	523.4	527.6	531.8	539.0	545.6	539.0	531.8	527.0	521.6	517.4
32.5°	488.5	492.1	493.9	495.7	502.3	509.0	504.1	499.3	495.1	490.9	487.9
35°	454.2	461.4	462.6	463.8	470.4	477.1	474.1	470.4	465.6	460.8	455.4
37.5°	419.3	427.7	432.5	436.8	443.4	450.0	447.0	444.0	437.4	430.7	421.1
40°	389.8	393.4	402.5	410.9	421.7	431.9	425.9	419.3	409.1	398.9	394.0
42.5°	365.2	364.6	373.0	381.4	397.7	413.3	402.5	391.6	382.0	372.4	371.2
45°	343.5	341.7	345.9	350.1	367.6	384.4	373.6	362.2	356.7	351.3	351.3
47.5°	324.3	323.1	326.1	328.5	339.3	349.5	344.1	338.7	335.7	332.7	333.3
50°	306.8	305.6	308.6	311.0	315.2	318.8	320.0	320.7	318.8	317.0	318.2
52.5°	290.6	290.6	291.8	292.4	297.8	303.2	303.2	302.6	302.6	302.6	303.8
55°	276.7	277.9	277.9	277.9	286.4	294.2	291.8	289.4	290.0	290.0	291.2
57.5°	262.9	264.7	265.9	267.1	275.5	284.0	281.5	279.1	279.1	279.1	279.7
60°	247.3	249.7	252.1	254.5	262.9	271.3	268.9	265.9	266.5	267.1	267.7
62.5°	232.2	234.6	237.0	239.4	247.9	256.3	253.9	250.9	252.7	253.9	253.9
65°	217.8	219.6	222.0	224.4	232.2	240.0	237.6	235.2	237.6	239.4	240.6
67.5°	201.5	202.7	205.1	207.6	215.4	223.2	220.8	217.8	220.8	223.2	225.6
70°	182.9	184.1	187.1	189.5	197.3	205.1	202.1	199.1	202.1	205.1	207.6
72.5°	162.4	163.6	166.6	169.0	178.1	187.1	183.5	179.9	183.5	187.1	188.3
75°	140.2	141.4	145.0	148.0	157.0	166.0	163.0	159.4	162.4	165.4	166.0
77.5°	116.1	117.9	122.7	127.5	134.8	142.0	140.2	138.4	140.2	142.0	142.0
80°	90.8	92.6	98.7	104.1	108.3	112.5	113.1	113.7	114.3	114.9	114.3
82.5°	67.4	69.8	75.2	80.6	80.6	80.6	85.4	89.6	89.6	89.0	88.4
85°	41.5	44.5	49.3	54.1	51.1	48.1	55.9	63.2	63.2	62.6	61.4
87.5°	8.4	11.4	16.2	20.5	17.4	14.4	22.3	30.1	30.7	30.7	29.5
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: P320829
 CATALOG NUMBER: GAN-SA5A-722-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: P320829

CATALOG NUMBER: GAN-SA5A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2
2.5°	3844.8	3891.7	3938.1	3950.1	3968.1	3976.0	3983.2	4042.1	4100.5	4169.1	4237.7
5°	3079.6	3114.5	3149.4	3154.8	3173.4	3183.1	3192.7	3264.3	3335.3	3430.9	3526.6
7.5°	2321.0	2329.4	2337.8	2336.6	2352.2	2373.3	2393.8	2470.2	2546.0	2648.8	2751.1
10°	1757.9	1777.1	1795.8	1813.2	1847.5	1887.2	1926.3	2004.5	2082.7	2184.4	2285.5
12.5°	1392.7	1415.0	1436.6	1455.9	1495.6	1548.5	1600.9	1694.7	1788.5	1910.1	2031.0
15°	1137.0	1135.2	1133.4	1146.6	1181.5	1239.3	1296.4	1395.7	1495.0	1628.5	1761.5
17.5°	897.0	888.0	878.9	889.2	921.6	969.2	1016.1	1100.3	1183.9	1313.3	1442.6
20°	725.5	719.5	713.5	723.1	743.6	763.4	783.3	844.0	904.2	1009.5	1114.2
22.5°	638.3	637.7	636.5	641.9	651.5	661.8	671.4	700.9	729.7	797.7	865.1
25°	587.2	586.6	586.0	588.4	596.2	604.0	611.8	631.1	650.3	682.8	715.3
27.5°	546.3	545.0	543.8	544.4	546.3	558.3	569.7	578.7	587.2	609.4	631.1
30°	513.2	512.6	512.0	512.0	510.2	514.4	518.6	532.4	545.6	568.5	591.4
32.5°	484.9	481.9	478.9	472.3	468.0	474.1	480.1	494.5	509.0	530.0	551.1
35°	449.4	441.6	433.2	429.5	430.1	436.2	442.2	456.6	470.4	493.3	515.6
37.5°	410.9	408.5	405.5	404.9	406.7	412.7	418.7	431.3	443.4	466.2	488.5
40°	389.2	388.0	386.8	385.6	386.8	392.8	398.9	410.9	422.3	444.6	466.2
42.5°	370.0	369.4	368.8	368.8	369.4	376.0	382.6	394.6	406.1	425.9	445.8
45°	351.3	351.9	351.9	353.1	354.9	361.6	367.6	380.8	394.0	413.3	432.5
47.5°	333.9	335.7	336.9	339.9	341.7	348.9	355.5	370.0	384.4	408.5	431.9
50°	318.8	320.7	321.9	324.3	329.1	337.5	345.9	363.4	380.2	420.5	460.2
52.5°	305.0	306.8	308.6	311.0	317.0	326.7	336.3	358.0	379.0	425.9	472.9
55°	292.4	294.2	295.4	299.0	305.0	313.4	321.3	347.7	374.2	408.5	442.8
57.5°	280.3	282.1	283.4	285.8	288.8	297.8	306.2	334.5	362.8	386.8	410.3
60°	267.7	268.9	269.5	269.5	271.9	282.1	292.4	328.5	364.0	359.8	354.9
62.5°	253.9	255.1	255.7	253.9	256.9	267.7	278.5	325.5	372.4	343.5	314.6
65°	241.2	240.6	240.0	238.2	241.8	252.7	262.9	286.4	309.8	298.4	287.0
67.5°	227.4	225.6	223.8	221.4	225.0	234.6	243.6	251.5	259.3	260.5	261.7
70°	210.0	207.6	205.1	204.5	206.3	214.2	222.0	227.4	232.2	234.6	236.4
72.5°	189.5	187.7	185.9	184.7	185.3	191.9	197.9	202.7	207.6	209.4	210.6
75°	166.6	166.6	166.0	162.4	162.4	167.8	172.7	176.9	181.1	183.5	185.9
77.5°	142.0	142.6	142.6	137.8	137.2	142.6	147.4	151.0	154.0	156.4	158.2
80°	113.7	112.5	111.3	108.3	107.1	113.7	119.7	122.7	125.1	125.7	125.7
82.5°	87.2	84.8	81.8	75.2	75.8	83.0	89.6	92.0	94.5	94.5	94.5
85°	59.6	54.7	49.3	43.9	44.5	52.3	59.6	62.0	64.4	65.6	66.2
87.5°	28.3	23.5	18.0	13.8	13.8	20.5	26.5	27.7	28.9	31.3	33.7
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: P320829
 CATALOG NUMBER: GAN-SA5A-722-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: P320829
 CATALOG NUMBER: GAN-SA5A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2
2.5°	4290.0	4341.7	4395.3	4448.8	4510.2	4571.5	4643.1	4714.1	4774.9	4835.6	4886.2
5°	3609.0	3691.4	3788.3	3885.1	4008.4	4131.8	4282.8	4433.2	4567.3	4701.5	4857.3
7.5°	2858.8	2965.9	3092.2	3218.5	3378.0	3537.4	3732.9	3928.4	4117.9	4306.8	4546.3
10°	2398.0	2510.5	2635.0	2758.9	2921.4	3083.2	3290.1	3496.5	3709.5	3921.8	4192.5
12.5°	2156.1	2280.7	2390.1	2499.6	2631.4	2762.5	2926.9	3163.2	3413.5	3663.1	3923.6
15°	1898.0	2034.0	2165.1	2296.3	2440.1	2583.3	2778.2	2973.1	3246.8	3520.5	3820.1
17.5°	1585.8	1729.0	1889.0	2048.4	2236.1	2423.2	2672.9	2922.6	3246.8	3570.5	3923.6
20°	1260.3	1406.5	1597.8	1789.2	2022.6	2255.4	2579.0	2902.7	3339.5	3775.6	4226.2
22.5°	994.4	1123.2	1331.9	1540.1	1809.6	2079.1	2494.2	2908.7	3479.6	4050.0	4658.2
25°	806.1	897.0	1102.1	1306.7	1617.7	1928.7	2442.5	2955.6	3683.6	4410.9	5165.3
27.5°	690.6	750.2	941.5	1132.2	1472.1	1811.4	2421.4	3030.8	3942.3	4853.7	5717.0
30°	632.9	674.4	836.2	997.4	1342.8	1688.1	2396.2	3104.2	4191.3	5277.8	6148.3
32.5°	584.8	617.8	756.2	894.0	1230.9	1567.8	2347.4	3126.5	4365.2	5603.9	6513.5
35°	543.8	571.5	691.8	812.2	1143.0	1473.9	2265.6	3057.3	4474.1	5890.8	6893.7
37.5°	510.8	532.4	643.7	755.0	1067.2	1379.5	2172.4	2965.3	4570.9	6176.6	7321.4
40°	484.9	503.5	607.6	711.7	995.0	1278.4	2092.4	2905.7	4704.5	6503.3	7773.2
42.5°	470.4	494.5	576.3	657.5	926.5	1195.4	2028.0	2860.6	4828.4	6795.6	8168.5
45°	466.8	501.1	560.1	619.0	875.3	1131.6	1970.8	2809.5	4908.4	7007.4	8466.3
47.5°	460.8	489.1	547.5	605.8	850.1	1093.7	1940.2	2786.0	4988.4	7190.3	8713.5
50°	464.4	468.0	537.2	605.8	846.4	1087.1	1975.0	2863.0	5161.7	7459.8	8996.3
52.5°	457.8	442.2	518.0	593.8	845.8	1097.9	2075.5	3053.1	5483.6	7913.4	9302.5
55°	422.9	402.5	481.9	561.3	833.2	1104.5	2195.2	3285.3	5915.5	8545.1	9853.0
57.5°	392.2	373.6	441.0	507.7	794.7	1081.7	2318.6	3554.8	6372.1	9188.8	10473.2
60°	351.3	347.1	395.2	443.4	735.2	1026.3	2420.2	3813.5	6678.9	9543.7	10712.0
62.5°	317.6	320.0	355.5	391.0	660.6	929.5	2453.9	3977.8	6670.5	9363.3	10471.4
65°	291.8	296.0	330.9	365.8	596.8	827.8	2343.2	3858.0	6333.0	8807.4	9995.5
67.5°	266.5	271.3	312.8	353.7	540.2	726.1	2066.5	3406.2	5726.0	8045.2	9390.3
70°	242.4	248.5	293.6	338.7	499.3	659.4	1709.7	2760.1	4966.2	7171.6	8689.5
72.5°	216.6	222.6	270.7	318.8	473.5	627.5	1393.9	2159.7	4030.1	5899.9	7432.7
75°	190.1	194.3	246.7	298.4	438.0	577.5	1093.7	1609.3	3084.4	4559.5	5614.1
77.5°	163.6	169.0	213.0	256.3	371.8	486.7	824.2	1161.7	2263.2	3364.1	3904.4
80°	130.5	135.4	166.6	197.3	287.0	376.0	566.7	757.4	1557.5	2357.7	2662.1
82.5°	99.9	105.3	126.3	146.8	204.5	262.3	343.5	424.7	1034.7	1644.2	1669.4
85°	68.6	70.4	85.4	99.9	126.3	152.8	196.7	240.6	684.6	1128.6	940.3
87.5°	34.3	34.3	44.5	54.7	68.0	81.2	104.1	126.3	219.0	311.6	179.3
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: P320829
 CATALOG NUMBER: GAN-SA5A-722-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: P320829

CATALOG NUMBER: GAN-SA5A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2
2.5°	4950.5	4994.5	5039.0	5072.7	5107.0	5156.3	5205.6	5214.6	5224.3	5205.0	5185.8
5°	5014.3	5147.3	5280.8	5404.2	5527.5	5601.5	5675.5	5690.5	5705.6	5659.2	5612.3
7.5°	4777.9	5009.5	5241.1	5453.5	5665.8	5794.6	5923.9	5952.8	5982.3	5906.5	5830.7
10°	4462.0	4746.6	5031.2	5310.9	5590.6	5777.7	5964.8	6002.1	6039.4	5945.0	5850.5
12.5°	4217.8	4521.6	4825.4	5120.2	5415.6	5609.3	5803.0	5849.3	5895.7	5827.1	5757.9
15°	4142.6	4428.4	4714.1	4971.0	5228.5	5386.7	5545.5	5564.2	5583.4	5572.6	5561.8
17.5°	4279.2	4537.2	4795.9	4935.5	5075.7	5138.8	5202.6	5223.1	5244.1	5271.2	5298.9
20°	4610.0	4791.7	4974.0	4968.0	4961.4	4930.7	4899.4	4894.0	4888.6	4966.2	5044.4
22.5°	5104.0	5176.1	5248.9	5079.9	4910.8	4808.0	4704.5	4684.0	4663.0	4745.4	4828.4
25°	5640.0	5626.7	5612.9	5291.0	4968.6	4772.5	4576.4	4553.5	4530.6	4601.0	4672.0
27.5°	6170.6	6084.0	5997.3	5560.0	5122.6	4838.0	4553.5	4530.6	4507.8	4570.3	4632.9
30°	6559.8	6420.8	6281.9	5786.8	5291.7	4953.6	4615.5	4578.2	4540.3	4617.3	4694.3
32.5°	6863.6	6677.1	6490.6	5970.9	5451.1	5085.3	4719.5	4661.2	4602.8	4705.7	4808.6
35°	7166.8	6904.5	6641.6	6135.1	5627.9	5241.1	4853.7	4782.1	4710.5	4851.9	4993.3
37.5°	7548.2	7171.6	6794.4	6319.8	5845.1	5474.5	5103.4	5030.0	4956.6	5136.4	5316.9
40°	7962.1	7459.8	6957.5	6521.9	6086.4	5797.6	5508.2	5438.4	5368.1	5587.0	5806.0
42.5°	8306.3	7728.1	7150.0	6765.6	6380.5	6177.2	5973.3	5972.7	5971.5	6193.4	6415.4
45°	8586.0	7951.9	7317.2	7003.2	6688.6	6582.7	6476.8	6561.6	6646.4	6846.8	7047.7
47.5°	8794.8	8139.6	7483.9	7275.1	7066.4	7082.0	7097.6	7270.3	7443.0	7571.7	7701.0
50°	8930.7	8309.9	7688.4	7624.0	7559.7	7699.8	7840.6	8038.5	8237.1	8324.9	8412.7
52.5°	9128.6	8540.9	7952.5	8024.7	8096.9	8383.3	8669.6	8870.0	9070.3	9102.8	9135.9
55°	9586.5	8965.6	8344.2	8482.5	8621.5	9041.4	9461.9	9618.3	9774.8	9786.8	9798.8
57.5°	10236.8	9560.6	8884.4	9033.6	9182.8	9667.7	10153.2	10321.6	10490.7	10467.2	10443.1
60°	10723.5	10125.5	9526.9	9677.3	9827.7	10300.6	10773.4	10967.1	11161.4	11109.7	11058.0
62.5°	10753.6	10434.1	10114.1	10250.0	10386.6	10849.8	11313.0	11512.2	11711.3	11621.1	11530.8
65°	10275.3	10418.5	10561.6	10606.8	10651.9	11083.8	11516.4	11668.6	11821.4	11775.7	11729.9
67.5°	9616.5	10144.1	10672.3	10581.5	10490.7	10693.4	10896.1	11053.2	11210.2	11184.3	11157.8
70°	8959.0	9663.5	10367.9	9921.5	9474.6	9390.9	9307.3	9476.4	9646.0	9541.3	9436.1
72.5°	7839.4	8590.2	9341.6	8519.2	7696.8	7411.1	7125.3	7340.1	7554.9	7388.2	7221.0
75°	6153.7	6983.3	7813.5	6832.3	5851.1	5469.7	5088.3	5273.0	5457.7	5343.4	5228.5
77.5°	4581.2	5398.7	6216.3	5218.9	4220.8	3937.5	3653.5	3708.2	3763.6	3744.3	3724.5
80°	3107.3	3677.0	4247.3	3583.1	2919.0	2940.6	2962.9	2937.0	2910.5	2949.0	2987.5
82.5°	1982.9	2422.6	2863.0	2510.5	2157.9	2360.1	2562.2	2462.9	2363.1	2399.8	2437.1
85°	1131.6	1561.7	1992.5	1857.1	1721.2	1839.1	1957.6	1803.6	1649.6	1717.0	1784.9
87.5°	298.4	863.9	1430.0	1298.2	1166.5	1013.7	860.9	656.9	453.0	661.8	870.5
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: P320829
 CATALOG NUMBER: GAN-SA5A-722-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



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2	4584.2
2.5°	5175.5	5165.3	5128.6	5091.3	5036.0	4990.3	4910.8
5°	5547.3	5482.4	5370.5	5258.0	5132.8	4989.0	4829.6
7.5°	5679.1	5526.9	5312.1	5096.7	4903.0	4675.6	4463.9
10°	5623.1	5395.1	5116.0	4836.2	4601.0	4339.3	4104.1
12.5°	5516.0	5273.6	4966.2	4658.2	4390.5	4109.5	3846.0
15°	5368.7	5174.9	4886.8	4598.6	4329.1	4056.0	3743.7
17.5°	5207.4	5115.4	4907.2	4698.5	4465.1	4200.4	3834.0
20°	5077.5	5111.2	5028.2	4945.1	4758.0	4527.0	4115.5
22.5°	4989.6	5151.5	5215.2	5279.6	5167.1	4986.6	4510.8
25°	4940.3	5208.6	5422.2	5636.4	5586.4	5447.5	4990.9
27.5°	4962.0	5291.0	5622.5	5954.6	6000.9	5962.4	5496.8
30°	5026.9	5360.2	5763.9	6168.2	6352.9	6404.6	5918.5
32.5°	5135.2	5461.9	5901.7	6342.0	6621.2	6786.0	6304.1
35°	5298.9	5604.5	6062.9	6521.3	6882.3	7183.1	6702.4
37.5°	5579.8	5842.7	6265.6	6689.2	7157.2	7609.0	7141.0
40°	5991.3	6177.2	6534.6	6892.5	7481.5	8091.5	7630.1
42.5°	6510.5	6606.1	6889.5	7172.8	7820.2	8529.4	8108.3
45°	7073.0	7098.2	7276.3	7455.0	8088.5	8827.8	8467.5
47.5°	7614.4	7527.8	7598.8	7669.8	8294.2	9040.8	8740.0
50°	8171.5	7930.3	7893.0	7855.7	8500.0	9291.7	9086.5
52.5°	8738.2	8340.5	8193.2	8045.2	8745.4	9624.4	9517.9
55°	9292.9	8786.9	8588.4	8389.9	9120.8	10030.4	10151.4
57.5°	9869.8	9296.5	9112.4	8928.3	9672.5	10544.8	10719.9
60°	10490.7	9922.7	9775.4	9627.4	10358.3	11100.7	10973.1
62.5°	11079.6	10628.4	10550.8	10472.6	11051.9	11527.8	10874.5
65°	11473.1	11215.6	11287.8	11360.6	11576.5	11634.3	10585.7
67.5°	11210.2	11262.5	11567.5	11873.1	11724.5	11317.9	10016.6
70°	9749.5	10063.5	10786.0	11509.2	11179.5	10470.2	8995.1
72.5°	7573.5	7926.6	8999.3	10072.5	9768.7	8900.0	7388.2
75°	5626.7	6025.6	7209.5	8393.5	7971.8	6657.3	5289.8
77.5°	3991.6	4258.7	5427.6	6597.1	5909.5	4431.4	3559.7
80°	2905.7	2823.9	3475.4	4127.0	4012.7	2931.0	2286.1
82.5°	2237.3	2037.6	2344.4	2651.2	2634.4	2034.0	1677.3
85°	1704.9	1624.9	1896.2	2167.6	1935.3	1377.7	1066.0
87.5°	993.8	1117.8	1437.2	1757.3	1318.7	418.1	206.9
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



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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)