

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: P320588

Luminaire Tested: **GAN-SA4A-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320588
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-SA4A-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15046 lumens
Efficiency: N/A
Efficacy: 116.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

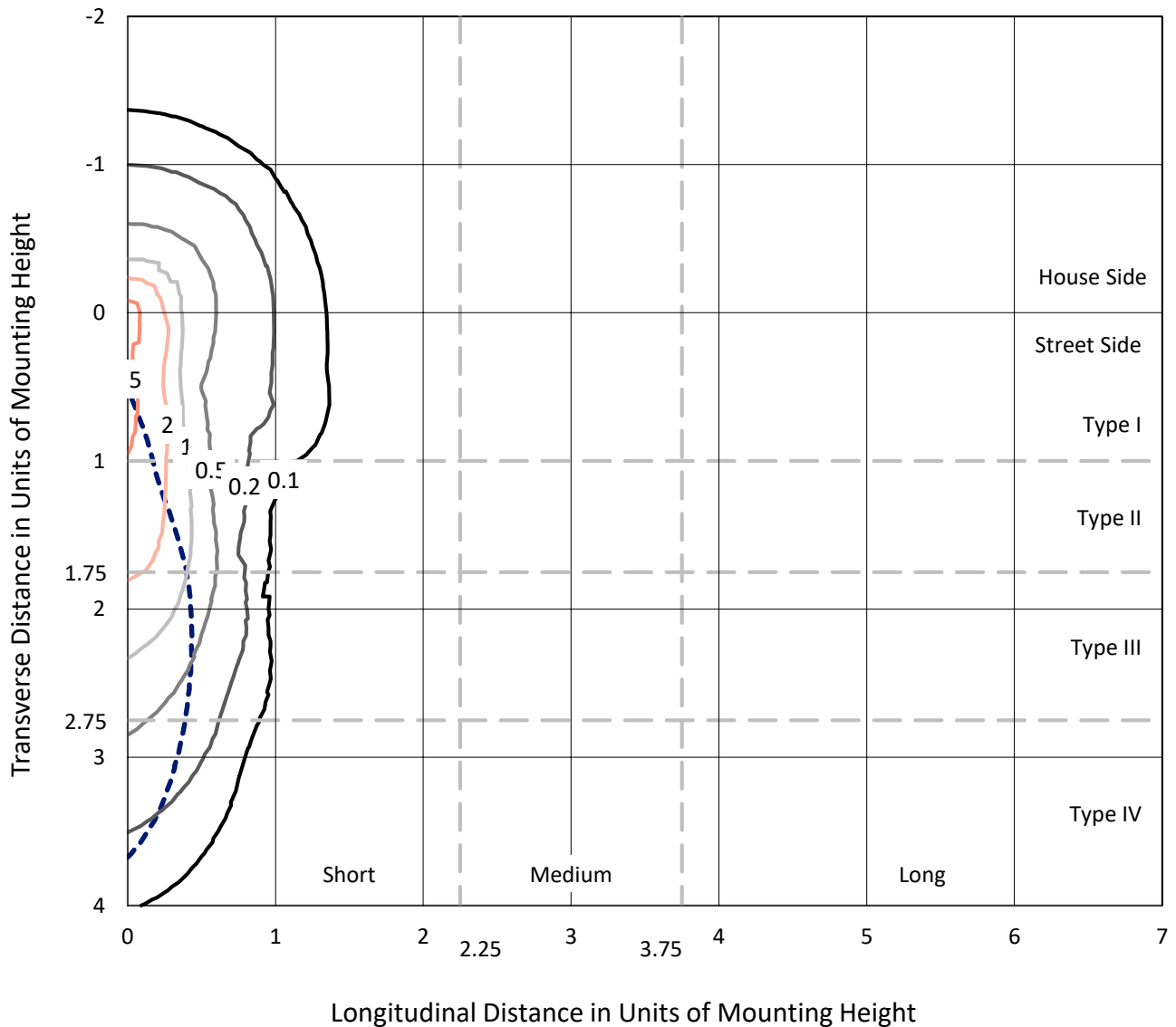
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

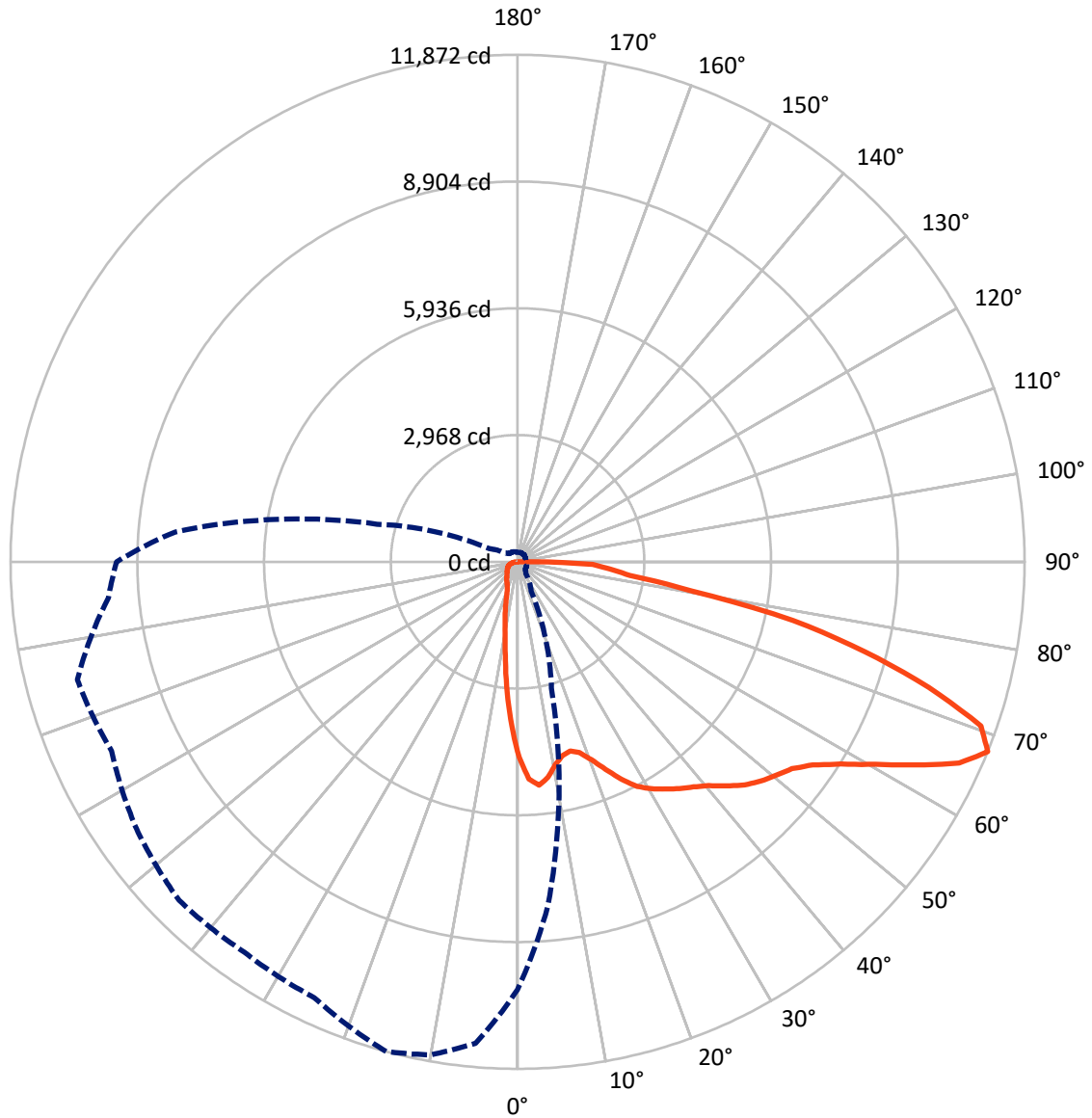
× Max cd
 - - - 1/2 Max cd



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	2601.1	0.0	2601.1
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	12444.9	0.0	12444.9
	% Fixture	82.7	0.0	82.7
Total	Lumens	15046.0	0.0	15046.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	353.8	2.4
10°-20°	734.9	4.9
20°-30°	1045.2	6.9
30°-40°	1506.2	10.0
40°-50°	2122.6	14.1
50°-60°	2950.8	19.6
60°-70°	3568.4	23.7
70°-80°	2193.4	14.6
80°-90°	570.7	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°	15046.0	100.0
0°-180°	15046.0	100.0

Coefficient of Utilization

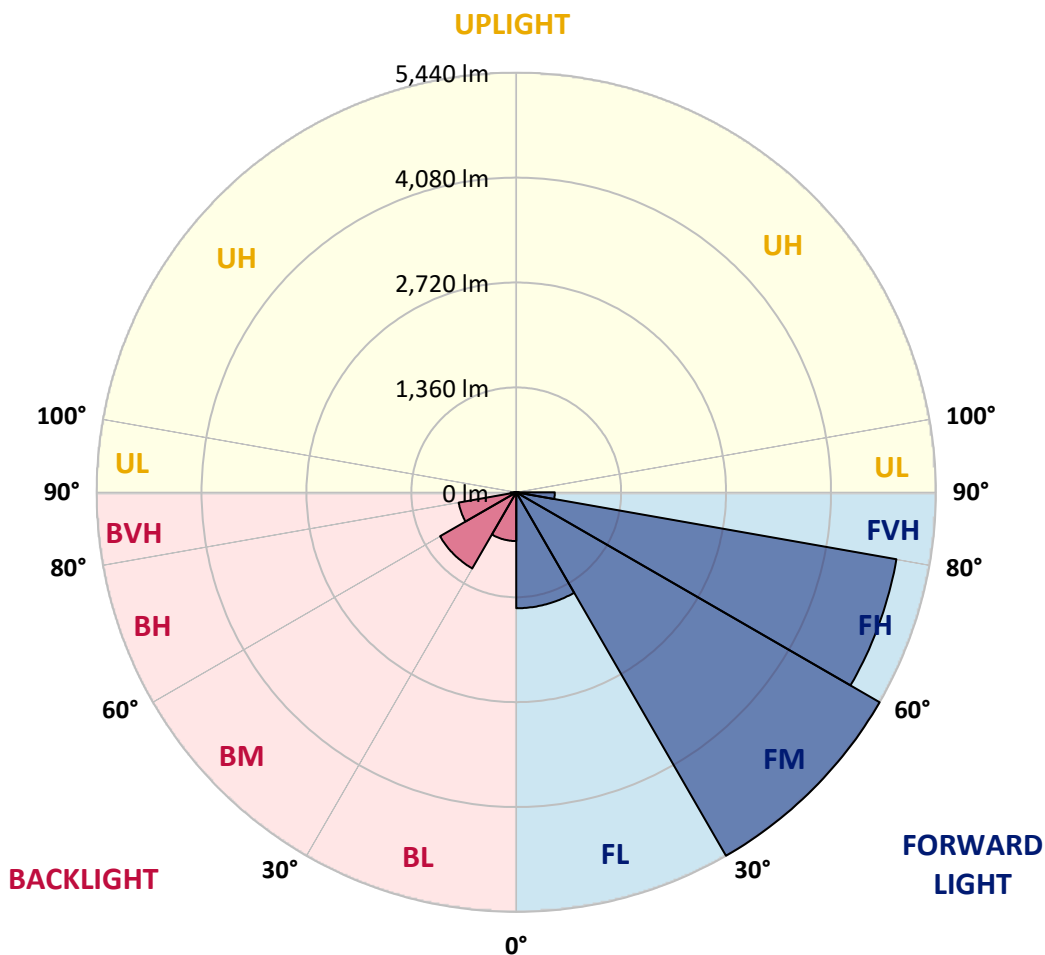


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1502.4	10.0			
FM (30°-60°)	5439.5	36.2			
FH (60°-80°)	5003.8	33.3			G3/7500
FVH (80°-90°)	499.2	3.3			G3/500
BL (0°-30°)	631.5	4.2	B2/1000		
BM (30°-60°)	1140.0	7.6	B2/2500		
BH (60°-80°)	758.0	5.0	B2/1000		G2/1000
BVH (80°-90°)	71.5	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°	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9
2.5°	4910.5	4867.2	4801.6	4736.1	4687.3	4638.0	4582.1	4526.1	4462.4	4398.0	4360.1
5°	4829.3	4709.0	4552.6	4396.2	4292.7	4189.2	4071.9	3954.6	3838.5	3722.4	3659.9
7.5°	4463.6	4283.1	4079.8	3876.4	3726.0	3575.1	3412.6	3249.6	3105.2	2960.3	2870.6
10°	4103.8	3887.3	3653.9	3419.9	3227.4	3034.9	2871.8	2708.2	2599.3	2490.4	2408.0
12.5°	3845.8	3605.7	3348.9	3091.4	2898.9	2706.4	2602.9	2499.5	2409.2	2319.0	2224.0
15°	3743.5	3472.2	3209.3	2945.8	2770.8	2595.7	2480.8	2365.3	2244.4	2122.9	2006.2
17.5°	3833.7	3516.1	3230.4	2944.6	2715.4	2486.2	2325.6	2164.4	2005.0	1845.6	1710.2
20°	4115.3	3709.8	3336.2	2962.1	2657.1	2352.1	2136.7	1920.8	1716.2	1511.7	1358.3
22.5°	4510.5	3973.9	3486.0	2998.2	2604.1	2209.5	1939.4	1668.7	1426.9	1185.1	1034.7
25°	4990.5	4324.0	3702.0	3079.4	2582.5	2085.0	1752.9	1420.9	1165.8	910.2	803.1
27.5°	5496.4	4741.5	3970.3	3198.5	2586.1	1973.7	1595.9	1217.6	987.8	758.0	684.6
30°	5918.1	5218.5	4283.1	3347.1	2599.9	1852.8	1447.9	1043.1	853.6	664.1	616.6
32.5°	6303.7	5551.2	4518.9	3486.0	2615.6	1744.5	1333.7	922.2	767.6	612.4	573.3
35°	6702.0	5846.5	4683.7	3520.3	2588.5	1656.1	1255.5	854.8	712.2	569.1	536.0
37.5°	7140.5	6166.0	4842.5	3518.5	2542.8	1567.1	1194.7	821.7	676.2	530.0	505.9
40°	7629.6	6519.1	5014.6	3510.1	2501.3	1491.9	1149.6	806.7	656.3	505.3	484.9
42.5°	8107.8	6856.0	5174.6	3493.2	2467.6	1441.3	1105.1	768.8	638.3	507.1	478.2
45°	8466.9	7150.1	5313.6	3476.4	2442.3	1408.2	1070.2	732.1	621.4	510.7	474.0
47.5°	8739.4	7445.5	5467.6	3489.0	2439.9	1390.8	1045.5	700.2	589.5	478.2	463.2
50°	9085.9	7800.4	5691.9	3583.5	2473.0	1362.5	1016.6	670.1	558.8	447.6	468.0
52.5°	9517.2	8306.9	6039.6	3771.8	2542.2	1312.6	970.9	629.2	521.6	413.3	445.2
55°	10150.7	8956.0	6484.2	4011.8	2625.8	1239.2	901.7	563.7	472.2	380.2	408.5
57.5°	10719.2	9611.7	6910.7	4209.1	2678.1	1146.6	814.5	482.4	416.9	351.3	367.6
60°	10972.4	9949.8	7110.4	4270.5	2646.9	1023.2	716.5	409.1	368.2	327.2	324.2
62.5°	10873.8	9735.0	6913.7	4092.4	2494.1	895.7	629.8	363.9	333.3	302.0	295.4
65°	10585.0	9060.1	6362.7	3665.3	2236.0	806.7	575.1	343.5	309.2	274.9	267.7
67.5°	10015.9	8099.4	5581.9	3064.3	1908.1	751.9	543.8	335.7	294.2	252.1	243.6
70°	8994.5	6943.2	4682.5	2421.3	1570.1	718.3	523.4	328.5	277.9	226.8	219.0
72.5°	7387.7	5566.8	3739.3	1911.1	1312.6	714.0	520.9	327.8	264.7	201.5	194.3
75°	5289.5	4228.3	2854.4	1479.8	1075.0	670.1	494.5	318.8	246.6	173.9	167.2
77.5°	3559.4	2926.6	1983.9	1040.7	797.7	554.6	415.7	276.7	211.1	145.6	139.0
80°	2285.9	2025.4	1329.4	633.4	517.3	401.2	297.2	193.1	154.0	114.3	108.9
82.5°	1677.1	1507.5	924.0	340.5	287.5	234.0	181.7	129.3	105.3	81.2	78.8
85°	1066.0	1175.4	680.4	185.3	151.6	117.9	97.5	77.0	60.8	44.5	44.5
87.5°	206.9	286.3	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°	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9
2.5°	4321.6	4280.1	4238.6	4191.7	4144.1	4100.2	4055.7	4007.0	4016.0	3978.7	3941.4
5°	3597.3	3531.1	3464.4	3406.6	3348.9	3298.9	3248.4	3203.3	3242.4	3215.9	3189.5
7.5°	2780.4	2698.6	2616.2	2547.0	2477.8	2424.3	2370.1	2332.8	2371.3	2366.5	2361.7
10°	2325.6	2246.2	2166.2	2089.8	2013.4	1948.4	1882.9	1827.5	1817.9	1790.2	1762.0
12.5°	2128.3	2019.4	1909.9	1829.9	1749.9	1672.3	1594.7	1529.8	1500.3	1454.6	1408.2
15°	1889.5	1760.8	1632.0	1541.2	1449.8	1374.6	1298.8	1242.8	1224.2	1188.7	1153.2
17.5°	1574.9	1434.1	1293.3	1201.3	1108.7	1048.5	987.8	950.5	950.5	940.2	930.0
20°	1204.9	1079.2	953.5	883.1	812.7	780.8	748.3	732.7	737.5	738.1	738.1
22.5°	883.7	806.7	729.7	701.4	672.5	661.1	649.7	643.1	645.5	646.1	646.7
25°	696.0	666.5	636.4	622.0	607.0	599.8	592.5	590.1	595.5	596.1	596.1
27.5°	611.2	593.1	574.5	565.5	555.8	552.8	549.8	545.6	551.0	551.0	550.4
30°	568.5	549.2	530.0	518.5	507.1	508.3	508.9	507.7	511.3	513.7	515.5
32.5°	533.6	514.9	496.3	484.9	472.8	471.0	469.2	468.0	475.8	480.0	484.3
35°	502.3	481.8	461.4	450.6	439.7	435.5	431.3	428.3	435.5	440.9	446.4
37.5°	481.2	460.2	438.5	428.3	417.5	412.1	406.7	403.0	406.1	408.5	410.9
40°	464.4	442.7	420.5	408.5	396.4	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	366.3	362.7	363.9	365.1	365.7
45°	437.3	416.3	394.6	379.0	362.7	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	327.2	326.0	324.8
50°	487.9	435.5	382.6	359.7	336.3	327.2	317.6	312.8	309.8	308.6	307.4
52.5°	476.4	431.3	385.6	356.1	326.0	315.2	304.4	296.6	293.6	291.8	290.0
55°	436.1	407.9	379.0	343.5	308.0	298.4	288.1	282.7	277.3	276.1	274.9
57.5°	383.2	371.8	360.3	324.2	288.1	279.1	269.5	265.9	261.1	261.1	260.5
60°	320.6	337.5	354.3	312.8	270.7	260.5	250.2	247.2	245.4	244.8	244.2
62.5°	288.1	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	210.5	211.7	213.6	215.4
67.5°	235.2	233.4	231.6	224.4	216.6	207.5	197.9	194.3	194.9	197.3	199.7
70°	211.1	208.7	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	171.4	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	134.1	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



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 CATALOG NUMBER: GAN-SA4A-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: P320588
 CATALOG NUMBER: GAN-SA4A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9
2.5°	3917.9	3894.5	3887.3	3880.0	3853.6	3826.5	3854.2	3881.2	3892.7	3904.1	3874.6
5°	3185.8	3181.6	3181.6	3181.0	3157.0	3132.3	3151.0	3169.0	3128.7	3088.4	3084.2
7.5°	2387.6	2413.4	2434.5	2455.0	2447.1	2439.3	2456.8	2474.2	2423.1	2371.3	2346.1
10°	1768.0	1773.4	1796.3	1819.1	1824.5	1829.3	1851.0	1872.0	1832.3	1792.6	1775.2
12.5°	1379.4	1350.5	1353.5	1355.9	1366.7	1377.0	1399.8	1422.1	1405.8	1389.0	1390.8
15°	1117.1	1080.4	1065.4	1049.7	1061.7	1073.8	1090.0	1105.7	1106.3	1106.3	1121.9
17.5°	912.0	893.3	878.3	862.6	878.9	894.5	896.3	898.1	898.7	899.3	898.1
20°	747.1	756.2	751.3	746.5	752.5	758.0	762.8	767.0	761.6	755.6	740.5
22.5°	655.1	662.9	668.9	674.3	684.6	694.2	689.4	684.0	673.1	661.7	650.3
25°	601.6	607.0	613.0	619.0	627.4	635.2	626.8	618.4	610.6	602.8	594.9
27.5°	556.4	561.9	567.3	572.1	579.9	587.1	579.3	571.5	564.9	558.2	552.2
30°	519.7	523.4	527.6	531.8	539.0	545.6	539.0	531.8	527.0	521.6	517.3
32.5°	488.5	492.1	493.9	495.7	502.3	508.9	504.1	499.3	495.1	490.9	487.9
35°	454.2	461.4	462.6	463.8	470.4	477.0	474.0	470.4	465.6	460.8	455.4
37.5°	419.3	427.7	432.5	436.7	443.3	450.0	447.0	443.9	437.3	430.7	421.1
40°	389.8	393.4	402.4	410.9	421.7	431.9	425.9	419.3	409.1	398.8	394.0
42.5°	365.1	364.5	373.0	381.4	397.6	413.3	402.4	391.6	382.0	372.4	371.2
45°	343.5	341.7	345.9	350.1	367.6	384.4	373.6	362.1	356.7	351.3	351.3
47.5°	324.2	323.0	326.0	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	320.6	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	286.3	294.2	291.8	289.3	290.0	290.0	291.2
57.5°	262.9	264.7	265.9	267.1	275.5	283.9	281.5	279.1	279.1	279.1	279.7
60°	247.2	249.6	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	247.8	256.3	253.9	250.8	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	207.5	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	207.5
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	134.7	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: P320588
 CATALOG NUMBER: GAN-SA4A-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: P320588
 CATALOG NUMBER: GAN-SA4A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9
2.5°	3844.6	3891.5	3937.8	3949.8	3967.9	3975.7	3982.9	4041.9	4100.2	4168.8	4237.4
5°	3079.4	3114.3	3149.2	3154.6	3173.2	3182.8	3192.5	3264.1	3335.0	3430.7	3526.3
7.5°	2320.8	2329.2	2337.7	2336.4	2352.1	2373.1	2393.6	2470.0	2545.8	2648.7	2750.9
10°	1757.8	1777.0	1795.6	1813.1	1847.4	1887.1	1926.2	2004.4	2082.6	2184.3	2285.3
12.5°	1392.6	1414.9	1436.5	1455.8	1495.5	1548.4	1600.7	1694.6	1788.4	1909.9	2030.9
15°	1136.9	1135.1	1133.3	1146.6	1181.5	1239.2	1296.4	1395.6	1494.9	1628.4	1761.4
17.5°	896.9	887.9	878.9	889.1	921.6	969.1	1016.0	1100.2	1183.9	1313.2	1442.5
20°	725.5	719.5	713.4	723.1	743.5	763.4	783.2	844.0	904.1	1009.4	1114.1
22.5°	638.3	637.7	636.4	641.9	651.5	661.7	671.3	700.8	729.7	797.7	865.0
25°	587.1	586.5	585.9	588.3	596.1	604.0	611.8	631.0	650.3	682.8	715.3
27.5°	546.2	545.0	543.8	544.4	546.2	558.2	569.7	578.7	587.1	609.4	631.0
30°	513.1	512.5	511.9	511.9	510.1	514.3	518.5	532.4	545.6	568.5	591.3
32.5°	484.9	481.8	478.8	472.2	468.0	474.0	480.0	494.5	508.9	530.0	551.0
35°	449.4	441.5	433.1	429.5	430.1	436.1	442.1	456.6	470.4	493.3	515.5
37.5°	410.9	408.5	405.4	404.8	406.7	412.7	418.7	431.3	443.3	466.2	488.5
40°	389.2	388.0	386.8	385.6	386.8	392.8	398.8	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	361.5	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	320.6	321.8	324.2	329.1	337.5	345.9	363.3	380.2	420.5	460.2
52.5°	305.0	306.8	308.6	311.0	317.0	326.6	336.3	357.9	379.0	425.9	472.8
55°	292.4	294.2	295.4	299.0	305.0	313.4	321.2	347.7	374.2	408.5	442.7
57.5°	280.3	282.1	283.3	285.7	288.7	297.8	306.2	334.5	362.7	386.8	410.3
60°	267.7	268.9	269.5	269.5	271.9	282.1	292.4	328.5	363.9	359.7	354.9
62.5°	253.9	255.1	255.7	253.9	256.9	267.7	278.5	325.4	372.4	343.5	314.6
65°	241.2	240.6	240.0	238.2	241.8	252.7	262.9	286.3	309.8	298.4	286.9
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°	209.9	207.5	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	207.5	209.3	210.5
75°	166.6	166.6	166.0	162.4	162.4	167.8	172.6	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	94.4	94.4	94.4
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: P320588
 CATALOG NUMBER: GAN-SA4A-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: P320588

CATALOG NUMBER: GAN-SA4A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9
2.5°	4289.7	4341.4	4395.0	4448.5	4509.9	4571.2	4642.8	4713.8	4774.6	4835.3	4885.9
5°	3608.7	3691.2	3788.0	3884.9	4008.2	4131.5	4282.5	4432.9	4567.0	4701.2	4857.0
7.5°	2858.6	2965.7	3092.0	3218.3	3377.7	3537.2	3732.7	3928.2	4117.7	4306.6	4546.0
10°	2397.8	2510.3	2634.8	2758.7	2921.2	3083.0	3289.9	3496.3	3709.2	3921.6	4192.3
12.5°	2156.0	2280.5	2390.0	2499.5	2631.2	2762.4	2927.7	3163.0	3413.2	3662.9	3923.4
15°	1897.9	2033.9	2165.0	2296.1	2439.9	2583.1	2778.0	2972.9	3246.6	3520.3	3819.9
17.5°	1585.7	1728.9	1888.9	2048.3	2236.0	2423.1	2672.7	2922.4	3246.6	3570.2	3923.4
20°	1260.3	1406.4	1597.7	1789.0	2022.4	2255.2	2578.9	2902.5	3339.2	3775.4	4225.9
22.5°	994.4	1123.1	1331.8	1540.0	1809.5	2079.0	2494.1	2908.5	3479.4	4049.7	4657.9
25°	806.1	896.9	1102.1	1306.6	1617.6	1928.6	2442.3	2955.5	3683.3	4410.6	5165.0
27.5°	690.6	750.1	941.4	1132.1	1472.0	1811.3	2421.3	3030.6	3942.0	4853.4	5716.6
30°	632.8	674.3	836.2	997.4	1342.7	1688.0	2396.0	3104.0	4191.1	5277.5	6147.9
32.5°	584.7	617.8	756.2	893.9	1230.8	1567.7	2347.3	3126.3	4364.9	5603.5	6513.1
35°	543.8	571.5	691.8	812.1	1143.0	1473.8	2265.5	3057.1	4473.8	5890.5	6893.2
37.5°	510.7	532.4	643.7	755.0	1067.2	1379.4	2172.2	2965.1	4570.6	6176.2	7321.0
40°	484.9	503.5	607.6	711.6	995.0	1278.3	2092.2	2905.5	4704.2	6502.8	7772.7
42.5°	470.4	494.5	576.3	657.5	926.4	1195.3	2027.9	2860.4	4828.1	6795.2	8167.9
45°	466.8	501.1	560.1	619.0	875.3	1131.5	1970.7	2809.3	4908.1	7006.9	8465.7
47.5°	460.8	489.1	547.4	605.8	850.0	1093.6	1940.0	2785.8	4988.1	7189.8	8713.0
50°	464.4	468.0	537.2	605.8	846.4	1087.0	1974.9	2862.8	5161.4	7459.3	8995.7
52.5°	457.8	442.1	517.9	593.7	845.8	1097.8	2075.4	3052.9	5483.2	7912.9	9301.9
55°	422.9	402.4	481.8	561.3	833.2	1104.5	2195.1	3285.1	5915.1	8544.5	9852.3
57.5°	392.2	373.6	440.9	507.7	794.7	1081.6	2318.4	3554.6	6371.7	9188.2	10472.5
60°	351.3	347.1	395.2	443.3	735.1	1026.3	2420.1	3813.3	6678.5	9543.1	10711.3
62.5°	317.6	320.0	355.5	391.0	660.5	929.4	2453.8	3977.5	6670.1	9362.6	10470.7
65°	291.8	296.0	330.9	365.7	596.7	827.7	2343.1	3857.8	6332.6	8806.8	9994.9
67.5°	266.5	271.3	312.8	353.7	540.2	726.1	2066.4	3406.0	5725.6	8044.6	9389.7
70°	242.4	248.4	293.6	338.7	499.3	659.3	1709.6	2759.9	4965.9	7171.2	8688.9
72.5°	216.6	222.6	270.7	318.8	473.4	627.4	1393.8	2159.6	4029.8	5899.5	7432.2
75°	190.1	194.3	246.6	298.4	437.9	577.5	1093.6	1609.2	3084.2	4559.2	5613.7
77.5°	163.6	169.0	213.0	256.3	371.8	486.7	824.1	1161.6	2263.1	3363.9	3904.1
80°	130.5	135.4	166.6	197.3	286.9	376.0	566.7	757.4	1557.4	2357.5	2661.9
82.5°	99.9	105.3	126.3	146.8	204.5	262.3	343.5	424.7	1034.7	1644.1	1669.3
85°	68.6	70.4	85.4	99.9	126.3	152.8	196.7	240.6	684.6	1128.5	940.2
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: P320588
 CATALOG NUMBER: GAN-SA4A-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: P320588

CATALOG NUMBER: GAN-SA4A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9
2.5°	4950.2	4994.1	5038.6	5072.3	5106.6	5155.9	5205.3	5214.3	5223.9	5204.7	5185.4
5°	5014.0	5146.9	5280.5	5403.8	5527.1	5601.1	5675.1	5690.1	5705.2	5658.9	5611.9
7.5°	4777.6	5009.2	5240.8	5453.1	5665.5	5794.2	5923.5	5952.4	5981.9	5906.1	5830.3
10°	4461.8	4746.3	5030.8	5310.5	5590.3	5777.4	5964.4	6001.7	6039.0	5944.6	5850.1
12.5°	4217.5	4521.3	4825.1	5119.9	5415.2	5608.9	5802.6	5848.9	5895.3	5826.7	5757.5
15°	4142.3	4428.1	4713.8	4970.7	5228.1	5386.3	5545.2	5563.8	5583.1	5572.2	5561.4
17.5°	4278.9	4536.9	4795.6	4935.2	5075.3	5138.5	5202.3	5222.7	5243.8	5270.8	5298.5
20°	4609.7	4791.4	4973.7	4967.7	4961.0	4930.4	4899.1	4893.7	4888.3	4965.9	5044.1
22.5°	5103.6	5175.8	5248.6	5079.6	4910.5	4807.6	4704.2	4683.7	4662.7	4745.1	4828.1
25°	5639.6	5626.4	5612.5	5290.7	4968.3	4772.2	4576.0	4553.2	4530.3	4600.7	4671.7
27.5°	6170.2	6083.6	5996.9	5559.6	5122.3	4837.7	4553.2	4530.3	4507.5	4570.0	4632.6
30°	6559.4	6420.4	6281.5	5786.4	5291.3	4953.2	4615.1	4577.9	4540.0	4617.0	4694.0
32.5°	6863.2	6676.7	6490.2	5970.5	5450.7	5085.0	4719.2	4660.9	4602.5	4705.4	4808.2
35°	7166.4	6904.1	6641.2	6134.7	5627.6	5240.8	4853.4	4781.8	4710.2	4851.6	4992.9
37.5°	7547.7	7171.2	6794.0	6319.4	5844.7	5474.2	5103.0	5029.6	4956.2	5136.1	5316.6
40°	7961.6	7459.3	6957.0	6521.5	6086.0	5797.2	5507.9	5438.1	5367.7	5586.7	5805.6
42.5°	8305.7	7727.6	7149.5	6765.1	6380.1	6176.8	5972.9	5972.3	5971.1	6193.0	6415.0
45°	8585.4	7951.4	7316.7	7002.7	6688.1	6582.2	6476.4	6561.2	6646.0	6846.3	7047.2
47.5°	8794.2	8139.1	7483.4	7274.6	7065.9	7081.5	7097.2	7269.8	7442.5	7571.2	7700.5
50°	8930.1	8309.3	7687.9	7623.5	7559.2	7699.3	7840.1	8038.0	8236.5	8324.4	8412.2
52.5°	9128.0	8540.3	7952.0	8024.2	8096.4	8382.7	8669.0	8869.4	9069.7	9102.2	9135.3
55°	9585.8	8965.0	8343.6	8482.0	8620.9	9040.8	9461.3	9617.7	9774.1	9786.1	9798.2
57.5°	10236.1	9560.0	8883.8	9033.0	9182.2	9667.0	10152.5	10320.9	10490.0	10466.5	10442.4
60°	10722.8	10124.8	9526.3	9676.7	9827.0	10299.9	10772.7	10966.4	11160.7	11109.0	11057.2
62.5°	10752.8	10433.4	10113.4	10249.3	10385.9	10849.1	11312.3	11511.4	11710.5	11620.3	11530.1
65°	10274.6	10417.8	10560.9	10606.1	10651.2	11083.1	11515.6	11667.8	11820.6	11774.9	11729.2
67.5°	9615.9	10143.5	10671.6	10580.8	10490.0	10692.7	10895.4	11052.4	11209.4	11183.6	11157.1
70°	8958.4	9662.8	10367.2	9920.9	9473.9	9390.3	9306.7	9475.7	9645.4	9540.7	9435.4
72.5°	7838.9	8589.6	9341.0	8518.7	7696.3	7410.6	7124.8	7339.6	7554.4	7387.7	7220.5
75°	6153.3	6982.9	7813.0	6831.9	5850.7	5469.4	5088.0	5272.7	5457.3	5343.0	5228.1
77.5°	4580.9	5398.4	6215.9	5218.5	4220.5	3937.2	3653.3	3708.0	3763.3	3744.1	3724.2
80°	3107.0	3676.7	4247.0	3582.9	2918.8	2940.4	2962.7	2936.8	2910.3	2948.8	2987.3
82.5°	1982.7	2422.5	2862.8	2510.3	2157.8	2359.9	2562.0	2462.8	2362.9	2399.6	2436.9
85°	1131.5	1561.6	1992.4	1857.0	1721.1	1839.0	1957.5	1803.5	1649.5	1716.8	1784.8
87.5°	298.4	863.8	1429.9	1298.2	1166.4	1013.6	860.8	656.9	453.0	661.7	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: P320588
 CATALOG NUMBER: GAN-SA4A-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



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9	4583.9
2.5°	5175.2	5165.0	5128.3	5091.0	5035.6	4989.9	4910.5
5°	5547.0	5482.0	5370.1	5257.6	5132.5	4988.7	4829.3
7.5°	5678.7	5526.5	5311.8	5096.4	4902.7	4675.3	4463.6
10°	5622.8	5394.8	5115.6	4835.9	4600.7	4339.0	4103.8
12.5°	5515.7	5273.3	4965.9	4657.9	4390.2	4109.2	3845.8
15°	5368.3	5174.6	4886.5	4598.3	4328.8	4055.7	3743.5
17.5°	5207.1	5115.0	4906.9	4698.2	4464.8	4200.1	3833.7
20°	5077.1	5110.8	5027.8	4944.8	4757.7	4526.7	4115.3
22.5°	4989.3	5151.1	5214.9	5279.3	5166.8	4986.3	4510.5
25°	4940.0	5208.3	5421.8	5636.0	5586.1	5447.1	4990.5
27.5°	4961.6	5290.7	5622.2	5954.2	6000.5	5962.0	5496.4
30°	5026.6	5359.9	5763.5	6167.8	6352.4	6404.2	5918.1
32.5°	5134.9	5461.5	5901.3	6341.6	6620.7	6785.6	6303.7
35°	5298.5	5604.1	6062.5	6520.9	6881.8	7182.6	6702.0
37.5°	5579.4	5842.3	6265.2	6688.7	7156.7	7608.5	7140.5
40°	5990.9	6176.8	6534.1	6892.0	7481.0	8090.9	7629.6
42.5°	6510.1	6605.7	6889.0	7172.4	7819.6	8528.9	8107.8
45°	7072.5	7097.8	7275.8	7454.5	8087.9	8827.3	8466.9
47.5°	7613.9	7527.3	7598.3	7669.3	8293.7	9040.2	8739.4
50°	8171.0	7929.7	7892.4	7855.1	8499.4	9291.1	9085.9
52.5°	8737.6	8340.0	8192.6	8044.6	8744.8	9623.7	9517.2
55°	9292.3	8786.3	8587.8	8389.3	9120.2	10029.8	10150.7
57.5°	9869.2	9295.9	9111.8	8927.7	9671.8	10544.1	10719.2
60°	10490.0	9922.1	9774.7	9626.7	10357.6	11099.9	10972.4
62.5°	11078.9	10627.7	10550.1	10471.9	11051.2	11527.0	10873.8
65°	11472.3	11214.8	11287.0	11359.8	11575.8	11633.5	10585.0
67.5°	11209.4	11261.8	11566.7	11872.3	11723.8	11317.1	10015.9
70°	9748.8	10062.9	10785.3	11508.4	11178.7	10469.5	8994.5
72.5°	7573.0	7926.1	8998.7	10071.9	9768.1	8899.4	7387.7
75°	5626.4	6025.2	7209.1	8392.9	7971.2	6656.8	5289.5
77.5°	3991.3	4258.4	5427.3	6596.7	5909.1	4431.1	3559.4
80°	2905.5	2823.7	3475.2	4126.7	4012.4	2930.8	2285.9
82.5°	2237.2	2037.5	2344.3	2651.1	2634.2	2033.9	1677.1
85°	1704.8	1624.8	1896.1	2167.4	1935.2	1377.6	1066.0
87.5°	993.8	1117.7	1437.1	1757.1	1318.6	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)