

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: P320708

Luminaire Tested: **GAN-SA4A-760-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320708
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-760-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 5700K, 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: 16520 lumens
Efficiency: N/A
Efficacy: 128.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G4

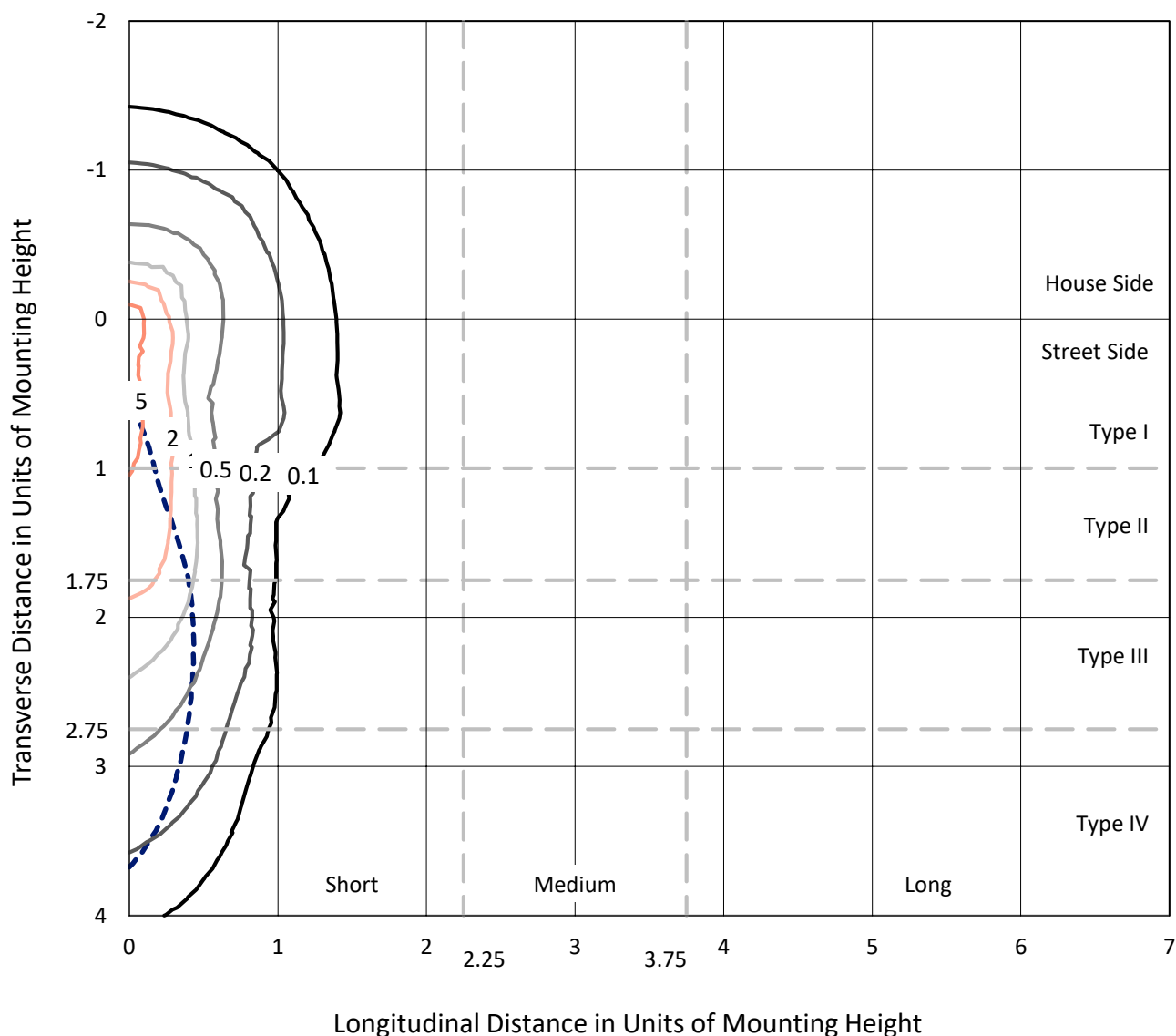
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

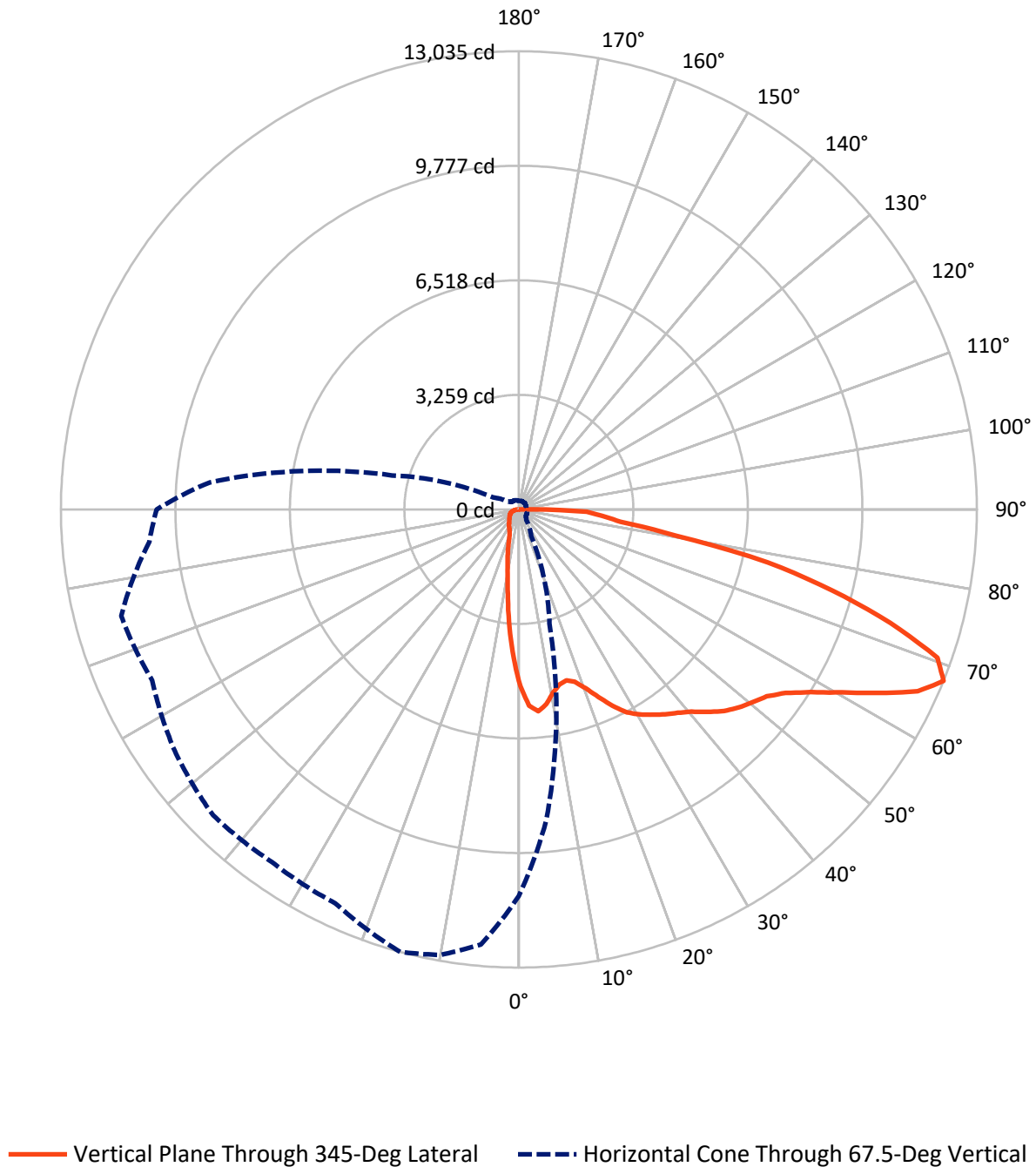
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.1 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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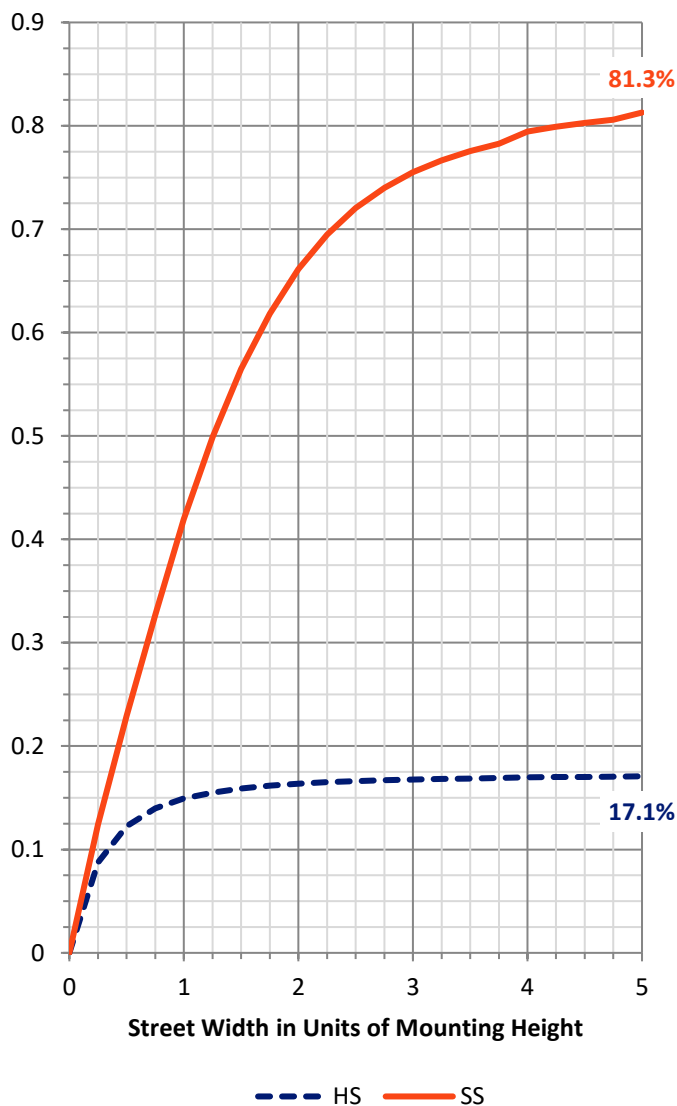
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2856.0	0.0	2856.0
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	13664.0	0.0	13664.0
	% Fixture	82.7	0.0	82.7
Total	Lumens	16520.0	0.0	16520.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	388.4	2.4
10°-20°	806.9	4.9
20°-30°	1147.6	6.9
30°-40°	1653.7	10.0
40°-50°	2330.6	14.1
50°-60°	3239.9	19.6
60°-70°	3918.0	23.7
70°-80°	2408.3	14.6
80°-90°	626.7	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°	16520.0	100.0
0°-180°	16520.0	100.0

Coefficient of Utilization



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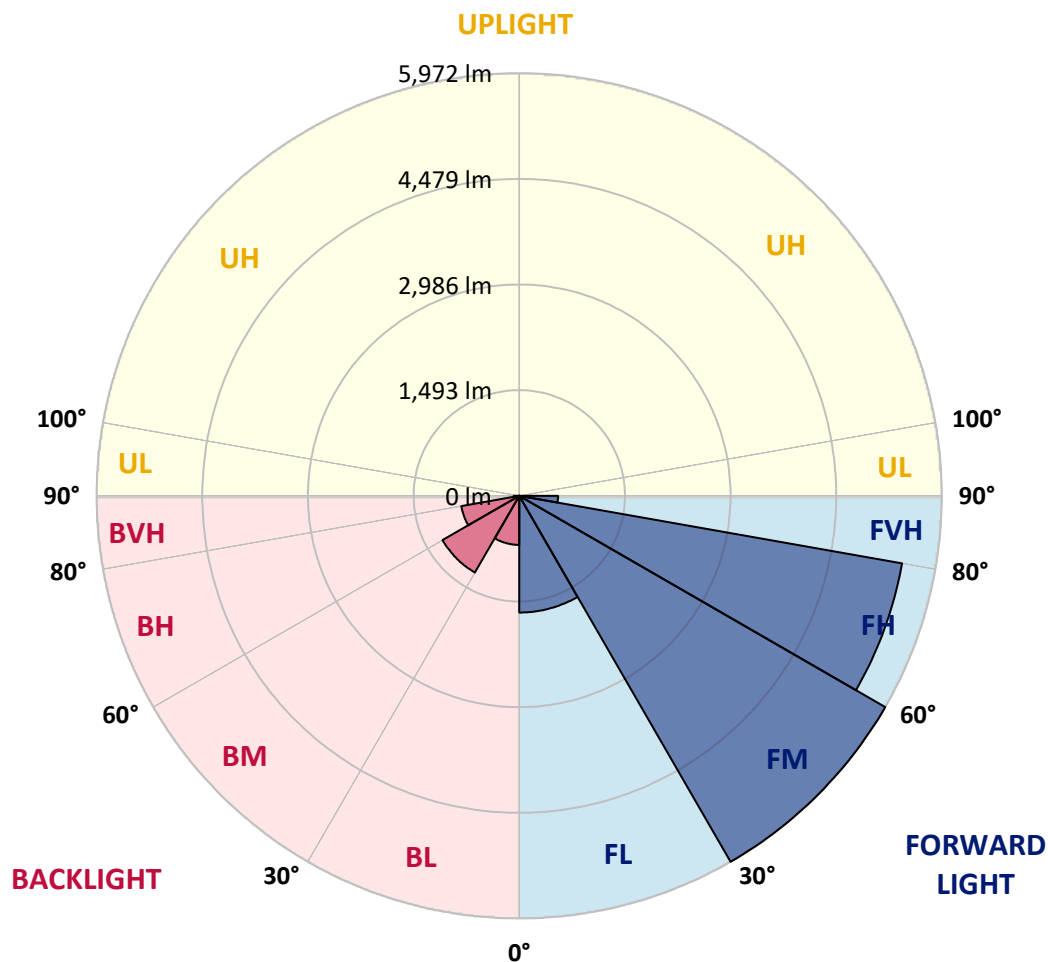
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1649.6	10.0			
FM	(30°-60°)	5972.4	36.2			
FH	(60°-80°)	5494.0	33.3			G3/7500
FVH	(80°-90°)	548.1	3.3			G4/750
BL	(0°-30°)	693.4	4.2	B2/1000		
BM	(30°-60°)	1251.7	7.6	B2/2500		
BH	(60°-80°)	832.3	5.0	B2/1000		G2/1000
BVH	(80°-90°)	78.6	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-G4

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	5391.6	5344.0	5272.0	5200.0	5146.5	5092.4	5031.0	4969.5	4899.5	4828.8	4787.2
5°	5302.4	5170.3	4998.6	4826.9	4713.3	4599.7	4470.9	4342.1	4214.6	4087.1	4018.4
7.5°	4900.8	4702.7	4479.4	4256.2	4091.1	3925.3	3747.0	3568.0	3409.4	3250.3	3151.9
10°	4505.9	4268.1	4011.8	3754.9	3543.5	3332.2	3153.2	2973.5	2854.0	2734.4	2643.9
12.5°	4222.5	3959.0	3676.9	3394.3	3182.9	2971.5	2857.9	2744.3	2645.3	2546.2	2441.8
15°	4110.2	3812.3	3523.7	3234.4	3042.2	2850.0	2723.9	2597.0	2464.3	2330.9	2202.7
17.5°	4209.3	3860.6	3546.8	3233.1	2981.5	2729.8	2553.5	2376.4	2201.4	2026.4	1877.8
20°	4518.4	4073.2	3663.1	3252.3	2917.4	2582.5	2346.1	2108.9	1884.4	1659.8	1491.4
22.5°	4952.4	4363.2	3827.5	3291.9	2859.3	2426.0	2129.4	1832.2	1566.7	1301.2	1136.0
25°	5479.4	4747.6	4064.7	3381.0	2835.5	2289.3	1924.7	1560.1	1280.0	999.3	881.8
27.5°	6034.9	5206.0	4359.2	3511.8	2839.4	2167.1	1752.3	1336.8	1084.5	832.2	751.6
30°	6497.9	5729.7	4702.7	3675.0	2854.6	2034.3	1589.8	1145.3	937.2	729.2	677.0
32.5°	6921.3	6095.0	4961.6	3827.5	2871.8	1915.4	1464.3	1012.5	842.8	672.4	629.4
35°	7358.5	6419.3	5142.6	3865.2	2842.1	1818.3	1378.4	938.6	782.0	624.8	588.5
37.5°	7840.0	6770.0	5316.9	3863.2	2791.9	1720.6	1311.7	902.2	742.4	581.9	555.5
40°	8377.0	7157.7	5505.8	3854.0	2746.3	1638.0	1262.2	885.7	720.6	554.8	532.4
42.5°	8902.1	7527.6	5681.5	3835.5	2709.3	1582.5	1213.3	844.1	700.8	556.8	525.1
45°	9296.4	7850.6	5834.1	3817.0	2681.6	1546.2	1175.0	803.8	682.3	560.8	520.5
47.5°	9595.6	8174.9	6003.2	3830.8	2678.9	1527.1	1147.9	768.8	647.3	525.1	508.6
50°	9976.0	8564.6	6249.6	3934.5	2715.3	1496.0	1116.2	735.8	613.6	491.4	513.9
52.5°	10449.6	9120.7	6631.3	4141.3	2791.2	1441.2	1066.0	690.9	572.6	453.8	488.8
55°	11145.1	9833.4	7119.4	4404.8	2883.0	1360.6	990.1	618.9	518.5	417.4	448.5
57.5°	11769.3	10553.3	7587.7	4621.4	2940.5	1258.9	894.3	529.7	457.7	385.7	403.6
60°	12047.3	10924.5	7807.0	4688.8	2906.2	1123.5	786.6	449.1	404.2	359.3	356.0
62.5°	11939.0	10688.7	7591.0	4493.3	2738.4	983.5	691.5	399.6	365.9	331.6	324.3
65°	11622.0	9947.6	6986.0	4024.4	2455.0	885.7	631.4	377.1	339.5	301.8	293.9
67.5°	10997.2	8892.8	6128.7	3364.5	2095.1	825.6	597.1	368.6	323.0	276.7	267.5
70°	9875.6	7623.4	5141.3	2658.5	1723.9	788.6	574.6	360.6	305.1	249.0	240.4
72.5°	8111.5	6112.2	4105.6	2098.4	1441.2	784.0	572.0	360.0	290.6	221.3	213.3
75°	5807.7	4642.6	3134.0	1624.8	1180.3	735.8	542.9	350.1	270.8	190.9	183.6
77.5°	3908.1	3213.3	2178.3	1142.6	875.8	609.0	456.4	303.8	231.8	159.8	152.6
80°	2509.9	2223.9	1459.7	695.5	568.0	440.5	326.3	212.0	169.1	125.5	119.5
82.5°	1841.4	1655.2	1014.5	373.8	315.7	256.9	199.5	142.0	115.6	89.2	86.5
85°	1170.4	1290.6	747.0	203.4	166.4	129.5	107.0	84.5	66.7	48.9	48.9
87.5°	227.2	314.4	206.7	98.4	72.0	45.6	39.0	31.7	17.8	3.3	4.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	4745.0	4699.4	4653.8	4602.3	4550.1	4501.9	4453.0	4399.5	4409.4	4368.5	4327.5
5°	3949.7	3877.1	3803.8	3740.4	3676.9	3622.1	3566.6	3517.1	3560.0	3531.0	3501.9
7.5°	3052.8	2963.0	2872.5	2796.5	2720.6	2661.8	2602.3	2561.4	2603.7	2598.4	2593.1
10°	2553.5	2466.3	2378.4	2294.5	2210.7	2139.3	2067.3	2006.6	1996.0	1965.6	1934.6
12.5°	2336.8	2217.3	2097.1	2009.2	1921.4	1836.2	1751.0	1679.6	1647.3	1597.1	1546.2
15°	2074.6	1933.3	1791.9	1692.2	1591.8	1509.2	1426.0	1364.6	1344.1	1305.1	1266.2
17.5°	1729.2	1574.6	1420.1	1319.0	1217.3	1151.2	1084.5	1043.6	1043.6	1032.3	1021.1
20°	1323.0	1184.9	1046.9	969.6	892.3	857.3	821.6	804.5	809.8	810.4	810.4
22.5°	970.3	885.7	801.2	770.1	738.4	725.9	713.3	706.1	708.7	709.4	710.0
25°	764.2	731.8	698.8	682.9	666.4	658.5	650.6	647.9	653.9	654.5	654.5
27.5°	671.1	651.2	630.8	620.9	610.3	607.0	603.7	599.1	605.0	605.0	604.3
30°	624.2	603.0	581.9	569.3	556.8	558.1	558.8	557.5	561.4	564.1	566.0
32.5°	585.9	565.4	544.9	532.4	519.1	517.2	515.2	513.9	522.4	527.1	531.7
35°	551.5	529.1	506.6	494.7	482.8	478.2	473.6	470.3	478.2	484.1	490.1
37.5°	528.4	505.3	481.5	470.3	458.4	452.4	446.5	442.5	445.8	448.5	451.1
40°	509.9	486.1	461.7	448.5	435.3	429.3	423.4	420.1	422.1	422.7	423.4
42.5°	492.7	469.6	446.5	432.0	416.8	409.5	402.2	398.3	399.6	400.9	401.6
45°	480.2	457.1	433.3	416.1	398.3	390.3	382.4	377.8	378.5	378.5	378.5
47.5°	492.1	458.4	424.0	404.2	383.7	374.5	365.3	360.6	359.3	358.0	356.7
50°	535.7	478.2	420.1	395.0	369.2	359.3	348.7	343.5	340.2	338.8	337.5
52.5°	523.1	473.6	423.4	391.0	358.0	346.1	334.2	325.6	322.3	320.3	318.4
55°	478.9	447.8	416.1	377.1	338.2	327.6	316.4	310.4	304.5	303.2	301.8
57.5°	420.7	408.2	395.6	356.0	316.4	306.5	295.9	291.9	286.7	286.7	286.0
60°	352.0	370.5	389.0	343.5	297.2	286.0	274.8	271.5	269.5	268.8	268.2
62.5°	316.4	346.8	376.5	328.3	279.4	267.5	255.6	251.6	251.0	251.6	251.6
65°	286.0	295.2	304.5	282.0	259.6	247.7	235.1	231.2	232.5	234.5	236.5
67.5°	258.3	256.3	254.3	246.4	237.8	227.9	217.3	213.3	214.0	216.6	219.3
70°	231.8	229.2	225.9	219.9	214.0	205.4	196.8	194.2	193.5	196.8	199.5
72.5°	205.4	202.1	198.1	193.5	188.2	181.0	173.7	171.7	172.4	174.4	176.4
75°	176.4	173.7	170.4	166.4	161.8	155.2	148.6	147.3	148.6	150.6	152.6
77.5°	144.6	144.0	142.7	139.4	136.1	128.8	120.9	120.2	122.2	124.2	125.5
80°	112.9	113.6	114.3	111.6	109.0	101.1	92.5	91.8	93.8	95.8	97.8
82.5°	83.2	85.2	86.5	83.2	79.9	70.7	61.4	60.1	66.7	68.7	70.7
85°	48.2	50.9	53.5	50.9	48.2	39.0	29.7	29.1	35.0	38.3	41.6
87.5°	4.0	5.3	6.6	5.9	5.3	2.6	0.0	0.0	0.7	3.3	5.9
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: P320708

CATALOG NUMBER: GAN-SA4A-760-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: P320708

CATALOG NUMBER: GAN-SA4A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	4301.8	4276.0	4268.1	4260.2	4231.1	4201.4	4231.8	4261.5	4274.0	4286.6	4254.2
5°	3498.0	3493.3	3493.3	3492.7	3466.3	3439.2	3459.6	3479.5	3435.2	3391.0	3386.3
7.5°	2621.5	2649.9	2673.0	2695.5	2686.9	2678.3	2697.4	2716.6	2660.5	2603.7	2575.9
10°	1941.2	1947.1	1972.2	1997.3	2003.3	2008.5	2032.3	2055.4	2011.9	1968.3	1949.1
12.5°	1514.5	1482.8	1486.1	1488.7	1500.6	1511.9	1537.0	1561.4	1543.6	1525.1	1527.1
15°	1226.5	1186.2	1169.7	1152.6	1165.8	1179.0	1196.8	1214.0	1214.6	1214.6	1231.8
17.5°	1001.3	980.8	964.3	947.1	965.0	982.1	984.1	986.1	986.8	987.4	986.1
20°	820.3	830.2	825.0	819.7	826.3	832.2	837.5	842.1	836.2	829.6	813.1
22.5°	719.3	727.9	734.5	740.4	751.6	762.2	756.9	751.0	739.1	726.5	714.0
25°	660.5	666.4	673.0	679.6	688.9	697.5	688.2	679.0	670.4	661.8	653.2
27.5°	611.0	616.9	622.8	628.1	636.7	644.6	636.1	627.5	620.2	612.9	606.3
30°	570.7	574.6	579.2	583.9	591.8	599.1	591.8	583.9	578.6	572.6	568.0
32.5°	536.3	540.3	542.3	544.2	551.5	558.8	553.5	548.2	543.6	539.0	535.7
35°	498.7	506.6	507.9	509.2	516.5	523.8	520.5	516.5	511.2	505.9	500.0
37.5°	460.4	469.6	474.9	479.5	486.8	494.0	490.7	487.4	480.2	472.9	462.3
40°	428.0	432.0	441.9	451.1	463.0	474.2	467.6	460.4	449.1	437.9	432.6
42.5°	400.9	400.3	409.5	418.8	436.6	453.8	441.9	430.0	419.4	408.8	407.5
45°	377.1	375.2	379.8	384.4	403.6	422.1	410.2	397.6	391.7	385.7	385.7
47.5°	356.0	354.7	358.0	360.6	372.5	383.7	377.8	371.9	368.6	365.3	365.9
50°	336.8	335.5	338.8	341.5	346.1	350.1	351.4	352.0	350.1	348.1	349.4
52.5°	319.0	319.0	320.3	321.0	326.9	332.9	332.9	332.2	332.2	332.2	333.5
55°	303.8	305.1	305.1	305.1	314.4	323.0	320.3	317.7	318.4	318.4	319.7
57.5°	288.6	290.6	291.9	293.3	302.5	311.8	309.1	306.5	306.5	306.5	307.1
60°	271.5	274.1	276.7	279.4	288.6	297.9	295.2	291.9	292.6	293.3	293.9
62.5°	254.9	257.6	260.2	262.9	272.1	281.4	278.7	275.4	277.4	278.7	278.7
65°	239.1	241.1	243.7	246.4	254.9	263.5	260.9	258.3	260.9	262.9	264.2
67.5°	221.3	222.6	225.2	227.9	236.5	245.0	242.4	239.1	242.4	245.0	247.7
70°	200.8	202.1	205.4	208.1	216.6	225.2	221.9	218.6	221.9	225.2	227.9
72.5°	178.3	179.7	183.0	185.6	195.5	205.4	201.4	197.5	201.4	205.4	206.7
75°	153.9	155.2	159.2	162.5	172.4	182.3	179.0	175.0	178.3	181.6	182.3
77.5°	127.5	129.5	134.7	140.0	147.9	155.9	153.9	151.9	153.9	155.9	155.9
80°	99.7	101.7	108.3	114.3	118.9	123.5	124.2	124.8	125.5	126.2	125.5
82.5°	74.0	76.6	82.6	88.5	88.5	88.5	93.8	98.4	98.4	97.8	97.1
85°	45.6	48.9	54.2	59.4	56.1	52.8	61.4	69.4	69.4	68.7	67.4
87.5°	9.2	12.5	17.8	22.5	19.2	15.9	24.4	33.0	33.7	33.7	32.4
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: P320708

CATALOG NUMBER: GAN-SA4A-760-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: P320708

CATALOG NUMBER: GAN-SA4A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	4221.2	4272.7	4323.6	4336.8	4356.6	4365.2	4373.1	4437.8	4501.9	4577.2	4652.5
5°	3381.0	3419.4	3457.7	3463.6	3484.1	3494.7	3505.2	3583.8	3661.8	3766.8	3871.8
7.5°	2548.2	2557.4	2566.7	2565.3	2582.5	2605.6	2628.1	2712.0	2795.2	2908.1	3020.4
10°	1930.0	1951.1	1971.6	1990.7	2028.4	2072.0	2114.9	2200.8	2286.6	2398.2	2509.2
12.5°	1529.0	1553.5	1577.2	1598.4	1642.0	1700.1	1757.6	1860.6	1963.6	2097.1	2229.8
15°	1248.3	1246.3	1244.4	1258.9	1297.2	1360.6	1423.4	1532.3	1641.3	1787.9	1933.9
17.5°	984.8	974.9	965.0	976.2	1011.9	1064.0	1115.6	1208.0	1299.8	1441.8	1583.9
20°	796.6	789.9	783.3	793.9	816.4	838.2	860.0	926.7	992.7	1108.3	1223.2
22.5°	700.8	700.1	698.8	704.7	715.3	726.5	737.1	769.5	801.2	875.8	949.8
25°	644.6	644.0	643.3	646.0	654.5	663.1	671.7	692.9	714.0	749.7	785.3
27.5°	599.7	598.4	597.1	597.7	599.7	612.9	625.5	635.4	644.6	669.1	692.9
30°	563.4	562.7	562.1	562.1	560.1	564.7	569.3	584.5	599.1	624.2	649.3
32.5°	532.4	529.1	525.7	518.5	513.9	520.5	527.1	542.9	558.8	581.9	605.0
35°	493.4	484.8	475.6	471.6	472.3	478.9	485.5	501.3	516.5	541.6	566.0
37.5°	451.1	448.5	445.2	444.5	446.5	453.1	459.7	473.6	486.8	511.9	536.3
40°	427.3	426.0	424.7	423.4	424.7	431.3	437.9	451.1	463.7	488.1	511.9
42.5°	406.2	405.5	404.9	404.9	405.5	412.8	420.1	433.3	445.8	467.6	489.4
45°	385.7	386.4	386.4	387.7	389.7	397.0	403.6	418.1	432.6	453.8	474.9
47.5°	366.6	368.6	369.9	373.2	375.2	383.1	390.3	406.2	422.1	448.5	474.2
50°	350.1	352.0	353.4	356.0	361.3	370.5	379.8	398.9	417.4	461.7	505.3
52.5°	334.9	336.8	338.8	341.5	348.1	358.6	369.2	393.0	416.1	467.6	519.1
55°	321.0	323.0	324.3	328.3	334.9	344.1	352.7	381.8	410.8	448.5	486.1
57.5°	307.8	309.8	311.1	313.7	317.0	326.9	336.2	367.2	398.3	424.7	450.5
60°	293.9	295.2	295.9	295.9	298.5	309.8	321.0	360.6	399.6	395.0	389.7
62.5°	278.7	280.0	280.7	278.7	282.0	293.9	305.8	357.3	408.8	377.1	345.4
65°	264.9	264.2	263.5	261.6	265.5	277.4	288.6	314.4	340.2	327.6	315.1
67.5°	249.7	247.7	245.7	243.1	247.0	257.6	267.5	276.1	284.7	286.0	287.3
70°	230.5	227.9	225.2	224.6	226.5	235.1	243.7	249.7	254.9	257.6	259.6
72.5°	208.1	206.1	204.1	202.8	203.4	210.7	217.3	222.6	227.9	229.9	231.2
75°	183.0	183.0	182.3	178.3	178.3	184.3	189.6	194.2	198.8	201.4	204.1
77.5°	155.9	156.5	156.5	151.3	150.6	156.5	161.8	165.8	169.1	171.7	173.7
80°	124.8	123.5	122.2	118.9	117.6	124.8	131.4	134.7	137.4	138.0	138.0
82.5°	95.8	93.1	89.8	82.6	83.2	91.1	98.4	101.1	103.7	103.7	103.7
85°	65.4	60.1	54.2	48.2	48.9	57.5	65.4	68.0	70.7	72.0	72.7
87.5°	31.0	25.8	19.8	15.2	15.2	22.5	29.1	30.4	31.7	34.3	37.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320708
 CATALOG NUMBER: GAN-SA4A-760-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: P320708

CATALOG NUMBER: GAN-SA4A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	4710.0	4766.8	4825.5	4884.3	4951.7	5019.1	5097.7	5175.6	5242.3	5309.0	5364.5
5°	3962.3	4052.8	4159.1	4265.4	4400.8	4536.2	4702.0	4867.1	5014.4	5161.7	5332.8
7.5°	3138.6	3256.2	3394.9	3533.6	3708.7	3883.7	4098.3	4313.0	4521.1	4728.4	4991.3
10°	2632.7	2756.2	2892.9	3029.0	3207.3	3385.0	3612.2	3838.8	4072.6	4305.7	4603.0
12.5°	2367.2	2503.9	2624.1	2744.3	2889.0	3033.0	3252.9	3472.9	3747.6	4021.7	4307.7
15°	2083.8	2233.1	2377.1	2521.1	2678.9	2836.1	3050.1	3264.1	3564.7	3865.2	4194.1
17.5°	1741.1	1898.2	2073.9	2249.0	2455.0	2660.5	2934.6	3208.7	3564.7	3920.0	4307.7
20°	1383.7	1544.2	1754.3	1964.3	2220.6	2476.2	2831.5	3186.9	3666.4	4145.2	4639.9
22.5°	1091.8	1233.1	1462.3	1690.9	1986.8	2282.7	2738.4	3193.5	3820.3	4446.4	5114.2
25°	885.1	984.8	1210.0	1434.6	1776.1	2117.5	2681.6	3245.0	4044.2	4842.7	5671.0
27.5°	758.2	823.6	1033.7	1243.0	1616.2	1988.7	2658.5	3327.5	4328.2	5328.8	6276.6
30°	694.8	740.4	918.1	1095.1	1474.2	1853.3	2630.7	3408.1	4601.6	5794.5	6750.2
32.5°	642.0	678.3	830.2	981.5	1351.4	1721.2	2577.2	3432.6	4792.5	6152.5	7151.1
35°	597.1	627.5	759.6	891.7	1254.9	1618.2	2487.4	3356.6	4912.1	6467.5	7568.6
37.5°	560.8	584.5	706.7	828.9	1171.7	1514.5	2385.0	3255.6	5018.4	6781.2	8038.2
40°	532.4	552.8	667.1	781.4	1092.5	1403.5	2297.2	3190.2	5165.0	7139.9	8534.2
42.5°	516.5	542.9	632.7	721.9	1017.2	1312.4	2226.5	3140.6	5301.1	7460.9	8968.1
45°	512.5	550.2	614.9	679.6	961.0	1242.4	2163.8	3084.5	5388.9	7693.4	9295.1
47.5°	505.9	537.0	601.0	665.1	933.3	1200.8	2130.1	3058.7	5476.8	7894.2	9566.5
50°	509.9	513.9	589.8	665.1	929.3	1193.5	2168.4	3143.3	5667.0	8190.1	9877.0
52.5°	502.6	485.5	568.7	651.9	928.6	1205.4	2278.7	3352.0	6020.4	8688.1	10213.2
55°	464.3	441.9	529.1	616.2	914.8	1212.7	2410.1	3606.9	6494.6	9381.6	10817.5
57.5°	430.6	410.2	484.1	557.5	872.5	1187.6	2545.5	3902.8	6995.9	10088.3	11498.5
60°	385.7	381.1	433.9	486.8	807.1	1126.8	2657.2	4186.8	7332.8	10478.0	11760.7
62.5°	348.7	351.4	390.3	429.3	725.2	1020.5	2694.1	4367.2	7323.5	10279.9	11496.5
65°	320.3	325.0	363.3	401.6	655.2	908.8	2572.6	4235.7	6953.0	9669.6	10974.0
67.5°	292.6	297.9	343.5	388.4	593.1	797.2	2268.8	3739.7	6286.5	8832.7	10309.6
70°	266.2	272.8	322.3	371.9	548.2	723.9	1877.1	3030.3	5452.3	7873.7	9540.1
72.5°	237.8	244.4	297.2	350.1	519.8	688.9	1530.4	2371.2	4424.6	6477.4	8160.4
75°	208.7	213.3	270.8	327.6	480.8	634.1	1200.8	1766.8	3386.3	5005.9	6163.7
77.5°	179.7	185.6	233.8	281.4	408.2	534.3	904.9	1275.4	2484.8	3693.5	4286.6
80°	143.3	148.6	183.0	216.6	315.1	412.8	622.2	831.6	1710.0	2588.5	2922.7
82.5°	109.6	115.6	138.7	161.2	224.6	288.0	377.1	466.3	1136.0	1805.1	1832.9
85°	75.3	77.3	93.8	109.6	138.7	167.8	216.0	264.2	751.6	1239.1	1032.3
87.5°	37.6	37.6	48.9	60.1	74.6	89.2	114.3	138.7	240.4	342.1	196.8
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: P320708
 CATALOG NUMBER: GAN-SA4A-760-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: P320708

CATALOG NUMBER: GAN-SA4A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	5435.2	5483.4	5532.3	5569.3	5606.9	5661.1	5715.2	5725.1	5735.7	5714.6	5693.4
5°	5505.2	5651.2	5797.8	5933.2	6068.6	6149.8	6231.1	6247.6	6264.1	6213.2	6161.7
7.5°	5245.6	5499.9	5754.2	5987.3	6220.5	6361.8	6503.8	6535.5	6567.9	6484.7	6401.5
10°	4898.9	5211.3	5523.7	5830.8	6137.9	6343.3	6548.8	6589.7	6630.7	6527.0	6423.3
12.5°	4630.7	4964.2	5297.8	5621.4	5945.7	6158.4	6371.1	6421.9	6472.8	6397.5	6321.5
15°	4548.1	4861.9	5175.6	5457.6	5740.3	5914.0	6088.4	6108.9	6130.0	6118.1	6106.2
17.5°	4698.1	4981.4	5265.4	5418.7	5572.6	5641.9	5711.9	5734.4	5757.5	5787.2	5817.6
20°	5061.3	5260.8	5460.9	5454.3	5447.1	5413.4	5379.0	5373.1	5367.1	5452.3	5538.2
22.5°	5603.6	5682.9	5762.8	5577.2	5391.6	5278.6	5165.0	5142.6	5119.5	5209.9	5301.1
25°	6192.1	6177.6	6162.4	5809.0	5455.0	5239.7	5024.3	4999.2	4974.1	5051.4	5129.4
27.5°	6774.6	6679.5	6584.4	6104.2	5624.1	5311.7	4999.2	4974.1	4949.1	5017.7	5086.4
30°	7202.0	7049.4	6896.8	6353.3	5809.7	5438.5	5067.3	5026.3	4984.7	5069.3	5153.8
32.5°	7535.5	7330.8	7126.0	6555.4	5984.7	5583.1	5181.5	5117.5	5053.4	5166.4	5279.3
35°	7868.4	7580.4	7291.8	6735.7	6178.9	5754.2	5328.8	5250.2	5171.6	5326.9	5482.1
37.5°	8287.2	7873.7	7459.6	6938.4	6417.3	6010.5	5602.9	5522.4	5441.8	5639.3	5837.4
40°	8741.6	8190.1	7638.6	7160.4	6682.2	6365.1	6047.4	5970.8	5893.6	6134.0	6374.4
42.5°	9119.4	8484.7	7849.9	7427.9	7005.2	6781.9	6558.0	6557.3	6556.0	6799.7	7043.5
45°	9426.5	8730.4	8033.5	7688.8	7343.3	7227.1	7110.8	7204.0	7297.1	7517.0	7737.6
47.5°	9655.7	8936.4	8216.5	7987.3	7758.1	7775.3	7792.5	7982.0	8171.6	8312.9	8454.9
50°	9805.0	9123.3	8441.1	8370.4	8299.7	8453.6	8608.2	8825.5	9043.4	9139.9	9236.3
52.5°	10022.3	9377.0	8731.0	8810.3	8889.5	9203.9	9518.3	9738.3	9958.2	9993.9	10030.2
55°	10524.9	9843.3	9161.0	9312.9	9465.5	9926.5	10388.2	10559.9	10731.6	10744.8	10758.1
57.5°	11238.9	10496.5	9754.1	9917.9	10081.7	10614.1	11147.1	11332.0	11517.6	11491.9	11465.4
60°	11773.2	11116.7	10459.5	10624.6	10789.8	11308.9	11828.1	12040.7	12254.1	12197.3	12140.5
62.5°	11806.3	11455.5	11104.2	11253.4	11403.4	11911.9	12420.5	12639.1	12857.8	12758.7	12659.6
65°	11281.2	11438.4	11595.6	11645.1	11694.6	12168.9	12643.8	12810.9	12978.6	12928.4	12878.2
67.5°	10557.9	11137.2	11717.1	11617.4	11517.6	11740.2	11962.8	12135.2	12307.6	12279.2	12250.1
70°	9836.0	10609.4	11382.9	10892.8	10402.1	10310.2	10218.4	10404.0	10590.3	10475.4	10359.8
72.5°	8606.8	9431.1	10256.1	9353.2	8450.3	8136.6	7822.8	8058.6	8294.4	8111.5	7927.9
75°	6756.2	7667.0	8578.4	7501.2	6423.9	6005.2	5586.4	5789.2	5992.0	5866.5	5740.3
77.5°	5029.6	5927.2	6824.8	5729.7	4634.0	4322.9	4011.2	4071.3	4132.0	4110.9	4089.1
80°	3411.4	4036.9	4663.1	3933.9	3204.7	3228.5	3252.9	3224.5	3195.4	3237.7	3280.0
82.5°	2177.0	2659.8	3143.3	2756.2	2369.2	2591.1	2813.0	2704.0	2594.4	2634.7	2675.6
85°	1242.4	1714.6	2187.5	2038.9	1889.7	2019.1	2149.2	1980.1	1811.1	1885.0	1959.7
87.5°	327.6	948.5	1570.0	1425.3	1280.7	1112.9	945.2	721.3	497.3	726.5	955.7
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: P320708
 CATALOG NUMBER: GAN-SA4A-760-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°	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9	5032.9
2.5°	5682.2	5671.0	5630.7	5589.7	5529.0	5478.8	5391.6
5°	6090.4	6019.0	5896.2	5772.7	5635.3	5477.4	5302.4
7.5°	6235.0	6067.9	5832.1	5595.7	5383.0	5133.3	4900.8
10°	6173.6	5923.3	5616.8	5309.7	5051.4	4764.1	4505.9
12.5°	6056.0	5789.9	5452.3	5114.2	4820.3	4511.8	4222.5
15°	5894.2	5681.5	5365.2	5048.8	4752.9	4453.0	4110.2
17.5°	5717.2	5616.1	5387.6	5158.4	4902.2	4611.5	4209.3
20°	5574.5	5611.5	5520.4	5429.2	5223.8	4970.2	4518.4
22.5°	5478.1	5655.8	5725.8	5796.5	5672.9	5474.8	4952.4
25°	5423.9	5718.5	5953.0	6188.1	6133.3	5980.7	5479.4
27.5°	5447.7	5809.0	6172.9	6537.5	6588.4	6546.1	6034.9
30°	5519.1	5885.0	6328.2	6772.0	6974.8	7031.6	6497.9
32.5°	5637.9	5996.6	6479.4	6962.9	7269.4	7450.3	6921.3
35°	5817.6	6153.1	6656.4	7159.7	7556.0	7886.2	7358.5
37.5°	6126.0	6414.7	6879.0	7344.0	7857.8	8353.9	7840.0
40°	6577.8	6781.9	7174.2	7567.2	8213.9	8883.6	8377.0
42.5°	7147.8	7252.8	7563.9	7875.0	8585.7	9364.4	8902.1
45°	7765.4	7793.1	7988.6	8184.8	8880.3	9692.0	9296.4
47.5°	8359.8	8264.7	8342.6	8420.6	9106.2	9925.8	9595.6
50°	8971.4	8706.6	8665.6	8624.7	9332.1	10201.3	9976.0
52.5°	9593.6	9157.0	8995.2	8832.7	9601.5	10566.5	10449.6
55°	10202.6	9647.1	9429.2	9211.2	10013.7	11012.3	11145.1
57.5°	10836.0	10206.5	10004.4	9802.3	10619.4	11577.1	11769.3
60°	11517.6	10894.1	10732.3	10569.8	11372.3	12187.4	12047.3
62.5°	12164.2	11668.9	11583.7	11497.8	12133.9	12656.3	11939.0
65°	12596.2	12313.5	12392.8	12472.7	12709.8	12773.2	11622.0
67.5°	12307.6	12365.0	12699.9	13035.4	12872.3	12425.8	10997.2
70°	10703.9	11048.7	11841.9	12635.8	12273.9	11495.2	9875.6
72.5°	8314.9	8702.6	9880.3	11058.6	10725.0	9771.3	8111.5
75°	6177.6	6615.5	7915.3	9215.2	8752.2	7309.0	5807.7
77.5°	4382.3	4675.6	5958.9	7242.9	6488.0	4865.2	3908.1
80°	3190.2	3100.3	3815.6	4531.0	4405.5	3217.9	2509.9
82.5°	2456.4	2237.1	2573.9	2910.8	2892.3	2233.1	1841.4
85°	1871.8	1784.0	2081.9	2379.7	2124.8	1512.5	1170.4
87.5°	1091.1	1227.2	1577.9	1929.3	1447.8	459.0	227.2
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)