

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: P320709

Luminaire Tested: **GAN-SA5A-760-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320709
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-760-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 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: 20469 lumens
Efficiency: N/A
Efficacy: 126.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G4

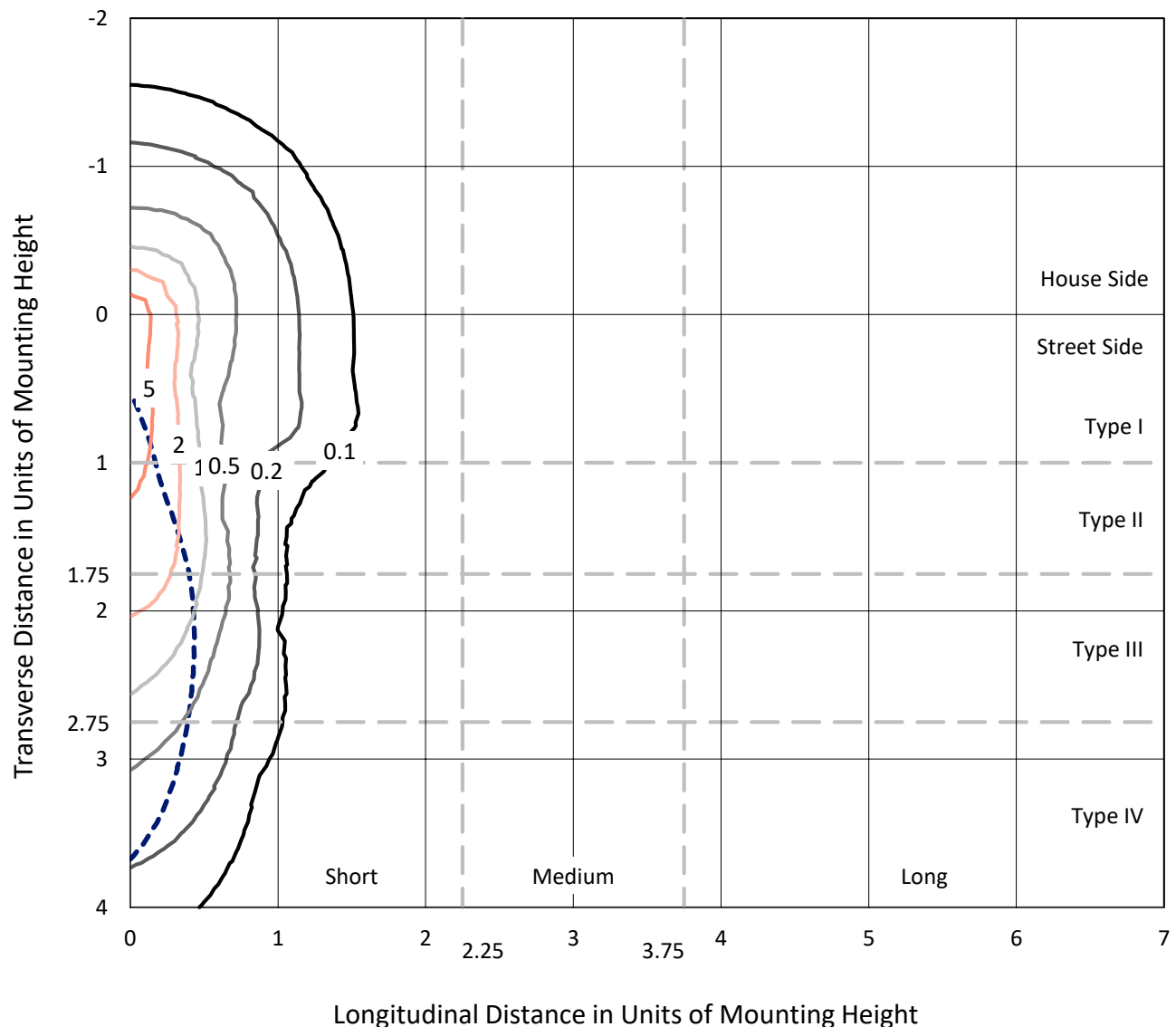
Input Watts (W): 162
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

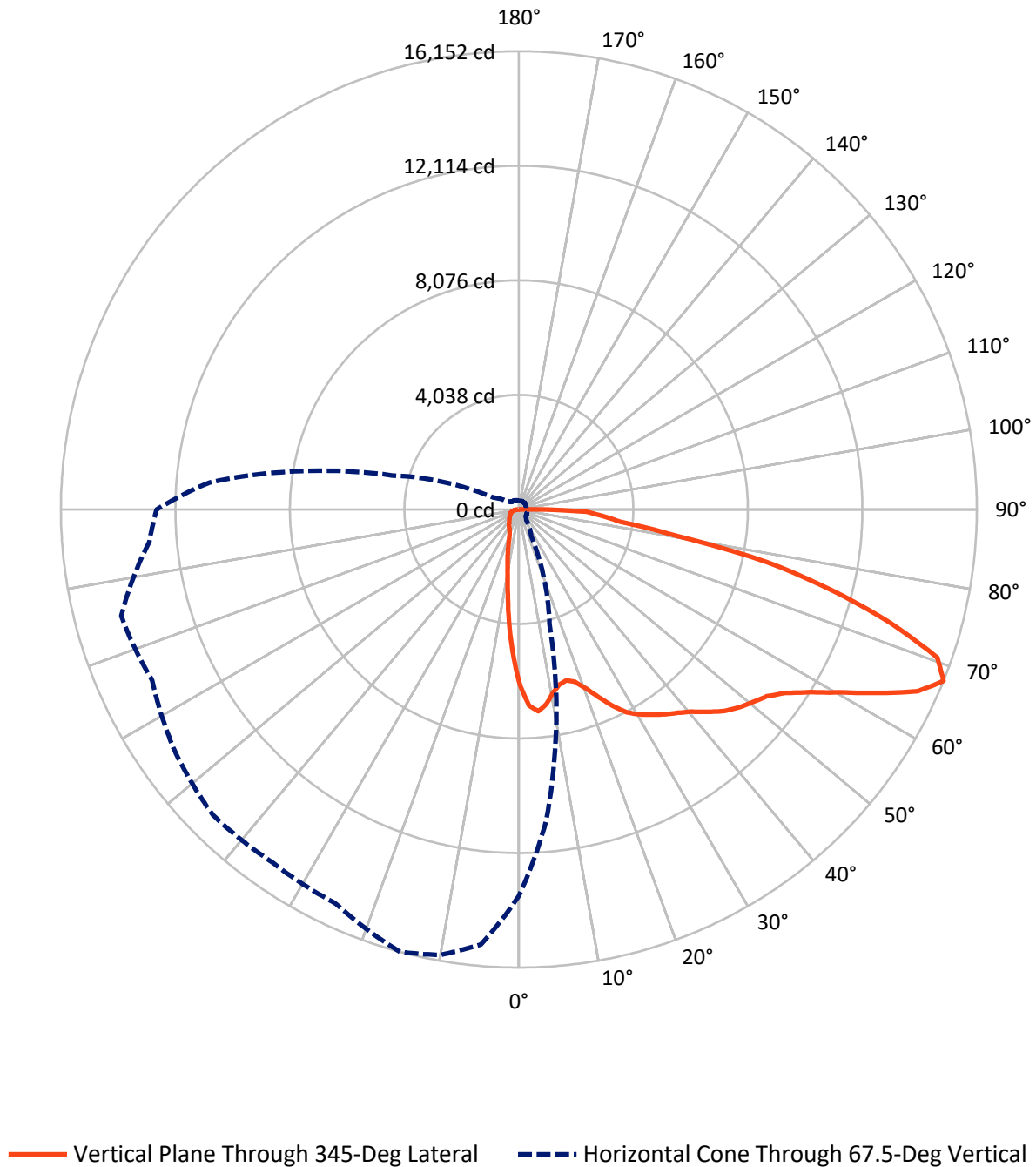
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10 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	3538.7	0.0	3538.7
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	16930.3	0.0	16930.3
	% Fixture	82.7	0.0	82.7
Total	Lumens	20469.0	0.0	20469.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	481.3	2.4
10°-20°	999.8	4.9
20°-30°	1421.9	6.9
30°-40°	2049.0	10.0
40°-50°	2887.7	14.1
50°-60°	4014.3	19.6
60°-70°	4854.5	23.7
70°-80°	2984.0	14.6
80°-90°	776.5	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°	20469.0	100.0
0°-180°	20469.0	100.0

Coefficient of Utilization



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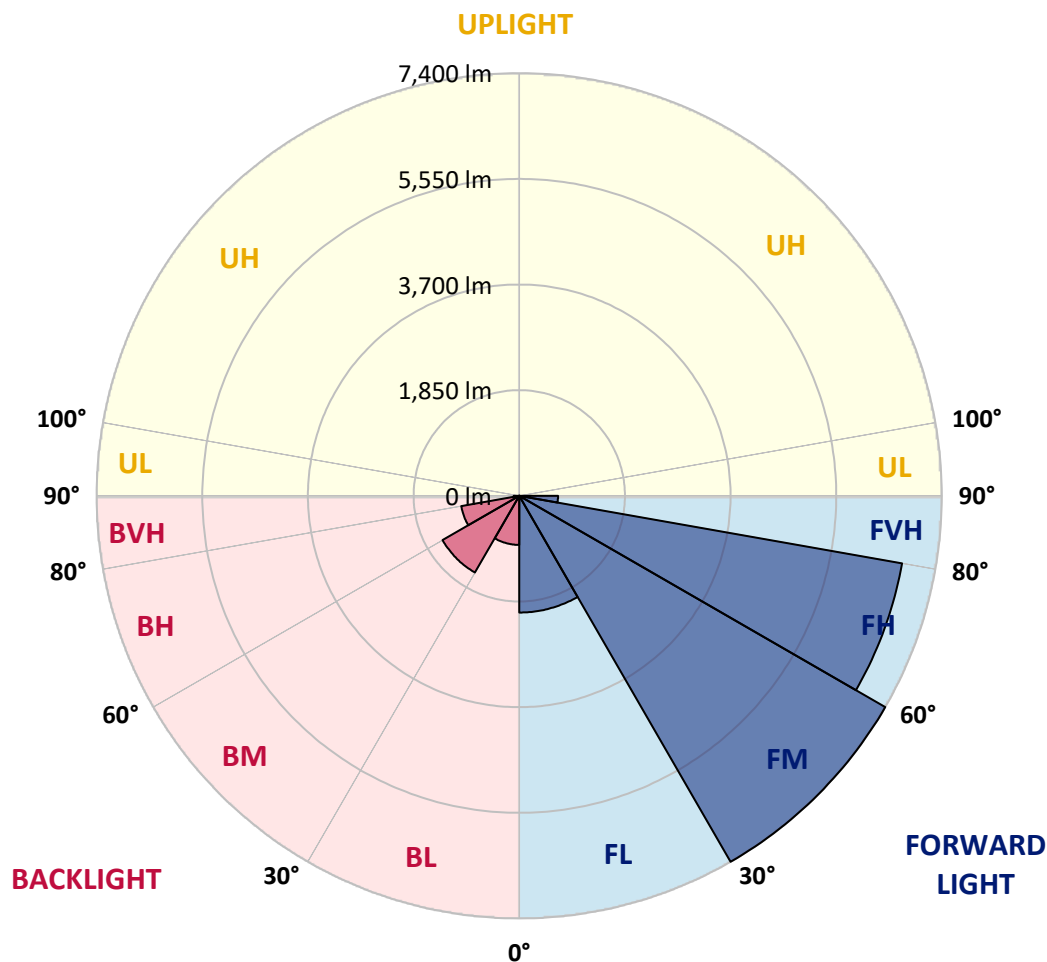
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2043.9	10.0			
FM	(30°-60°)	7400.1	36.2			
FH	(60°-80°)	6807.3	33.3			G3/7500
FVH	(80°-90°)	679.1	3.3			G4/750
BL	(0°-30°)	859.2	4.2	B2/1000		
BM	(30°-60°)	1550.9	7.6	B2/2500		
BH	(60°-80°)	1031.2	5.0	B3/2500		G3/2500
BVH	(80°-90°)	97.3	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	6680.4	6621.5	6532.3	6443.1	6376.8	6309.7	6233.6	6157.5	6070.7	5983.1	5931.6
5°	6569.9	6406.2	6193.5	5980.7	5839.9	5699.2	5539.6	5380.0	5222.1	5064.1	4979.0
7.5°	6072.3	5826.8	5550.2	5273.6	5069.0	4863.6	4642.6	4420.9	4224.5	4027.2	3905.3
10°	5583.0	5288.3	4970.8	4652.5	4390.6	4128.7	3906.9	3684.3	3536.2	3388.1	3276.0
12.5°	5231.9	4905.3	4555.9	4205.6	3943.8	3681.9	3541.1	3400.4	3277.6	3154.8	3025.5
15°	5092.8	4723.7	4366.0	4007.6	3769.4	3531.3	3375.0	3217.9	3053.4	2888.0	2729.3
17.5°	5215.5	4783.4	4394.7	4005.9	3694.1	3382.3	3163.8	2944.5	2727.6	2510.8	2326.6
20°	5598.5	5046.9	4538.7	4029.7	3614.8	3199.8	2906.9	2613.1	2334.8	2056.6	1847.9
22.5°	6136.2	5406.2	4742.5	4078.8	3542.7	3005.9	2638.4	2270.2	1941.2	1612.2	1407.6
25°	6789.2	5882.5	5036.3	4189.3	3513.3	2836.5	2384.7	1933.0	1586.0	1238.2	1092.5
27.5°	7477.5	6450.4	5401.3	4351.3	3518.2	2685.1	2171.2	1656.4	1343.8	1031.2	931.3
30°	8051.2	7099.4	5826.8	4553.4	3537.0	2520.6	1969.8	1419.1	1161.3	903.5	838.8
32.5°	8575.8	7552.0	6147.6	4742.5	3558.3	2373.3	1814.3	1254.6	1044.2	833.1	779.9
35°	9117.5	7953.8	6371.9	4789.1	3521.5	2253.0	1708.0	1162.9	969.0	774.2	729.2
37.5°	9714.1	8388.4	6587.9	4786.7	3459.3	2131.9	1625.3	1117.9	919.9	721.0	688.3
40°	10379.5	8868.7	6822.0	4775.2	3402.8	2029.6	1563.9	1097.4	892.8	687.4	659.6
42.5°	11030.1	9327.0	7039.7	4752.3	3357.0	1960.8	1503.4	1045.9	868.3	689.9	650.6
45°	11518.6	9727.2	7228.7	4729.4	3322.6	1915.8	1455.9	996.0	845.4	694.8	644.9
47.5°	11889.4	10129.0	7438.2	4746.6	3319.3	1892.1	1422.3	952.6	802.0	650.6	630.1
50°	12360.7	10611.9	7743.5	4875.1	3364.3	1853.6	1383.1	911.7	760.3	608.9	636.7
52.5°	12947.5	11300.9	8216.5	5131.2	3458.5	1785.7	1320.9	856.0	709.5	562.2	605.6
55°	13809.3	12184.0	8821.3	5457.7	3572.2	1685.9	1226.7	766.8	642.4	517.2	555.7
57.5°	14582.6	13076.0	9401.5	5726.2	3643.4	1559.8	1108.1	656.3	567.1	477.9	500.0
60°	14927.2	13535.9	9673.2	5809.6	3600.9	1392.1	974.7	556.5	500.8	445.2	441.1
62.5°	14793.0	13243.8	9405.6	5567.4	3393.0	1218.6	856.8	495.1	453.4	410.8	401.8
65°	14400.1	12325.6	8656.0	4986.4	3041.9	1097.4	782.4	467.3	420.6	374.0	364.2
67.5°	13626.0	11018.6	7593.7	4168.8	2595.9	1023.0	739.8	456.7	400.2	342.9	331.4
70°	12236.4	9445.7	6370.2	3294.0	2136.0	977.1	712.0	446.8	378.1	308.5	297.9
72.5°	10050.5	7573.2	5087.0	2600.0	1785.7	971.4	708.7	446.0	360.1	274.2	264.3
75°	7196.0	5752.4	3883.2	2013.2	1462.4	911.7	672.7	433.7	335.5	236.5	227.5
77.5°	4842.3	3981.4	2699.0	1415.8	1085.2	754.5	565.5	376.5	287.2	198.0	189.0
80°	3109.8	2755.5	1808.6	861.7	703.8	545.9	404.3	262.7	209.5	155.5	148.1
82.5°	2281.6	2050.8	1257.0	463.2	391.2	318.3	247.1	176.0	143.2	110.5	107.2
85°	1450.2	1599.1	925.6	252.1	206.2	160.4	132.6	104.8	82.7	60.6	60.6
87.5°	281.5	389.5	256.2	121.9	89.2	56.5	48.3	39.3	22.1	4.1	4.9
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



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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°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	5879.2	5822.7	5766.3	5702.4	5637.8	5578.0	5517.5	5451.2	5463.5	5412.7	5362.0
5°	4893.9	4803.9	4713.0	4634.5	4555.9	4488.0	4419.2	4357.9	4411.0	4375.0	4339.0
7.5°	3782.5	3671.2	3559.1	3465.0	3370.9	3298.1	3224.4	3173.7	3226.0	3219.5	3212.9
10°	3163.8	3055.8	2947.0	2843.0	2739.1	2650.7	2561.5	2486.2	2473.1	2435.5	2397.0
12.5°	2895.4	2747.3	2598.3	2489.5	2380.7	2275.1	2169.5	2081.1	2041.0	1978.8	1915.8
15°	2570.5	2395.4	2220.3	2096.7	1972.3	1870.0	1766.9	1690.8	1665.4	1617.1	1568.8
17.5°	2142.5	1951.0	1759.5	1634.3	1508.3	1426.4	1343.8	1293.0	1293.0	1279.1	1265.2
20°	1639.2	1468.2	1297.1	1201.4	1105.6	1062.3	1018.1	996.8	1003.3	1004.1	1004.1
22.5°	1202.2	1097.4	992.7	954.2	914.9	899.4	883.8	874.8	878.1	878.9	879.8
25°	946.9	906.8	865.8	846.2	825.7	815.9	806.1	802.8	810.2	811.0	811.0
27.5°	831.5	806.9	781.5	769.3	756.2	752.1	748.0	742.3	749.6	749.6	748.8
30°	773.4	747.2	721.0	705.4	689.9	691.5	692.3	690.7	695.6	698.9	701.3
32.5°	725.9	700.5	675.2	659.6	643.2	640.8	638.3	636.7	647.3	653.1	658.8
35°	683.3	655.5	627.7	613.0	598.2	592.5	586.8	582.7	592.5	599.9	607.2
37.5°	654.7	626.1	596.6	582.7	568.0	560.6	553.2	548.3	552.4	555.7	559.0
40°	631.8	602.3	572.0	555.7	539.3	531.9	524.6	520.5	522.9	523.8	524.6
42.5°	610.5	581.9	553.2	535.2	516.4	507.4	498.4	493.5	495.1	496.8	497.6
45°	595.0	566.3	536.9	515.6	493.5	483.7	473.8	468.1	468.9	468.9	468.9
47.5°	609.7	568.0	525.4	500.8	475.5	464.0	452.6	446.8	445.2	443.6	441.9
50°	663.7	592.5	520.5	489.4	457.5	445.2	432.1	425.6	421.5	419.8	418.2
52.5°	648.2	586.8	524.6	484.5	443.6	428.8	414.1	403.5	399.4	396.9	394.5
55°	593.3	554.9	515.6	467.3	419.0	405.9	392.0	384.6	377.3	375.6	374.0
57.5°	521.3	505.8	490.2	441.1	392.0	379.7	366.6	361.7	355.2	355.2	354.4
60°	436.2	459.1	482.0	425.6	368.3	354.4	340.4	336.4	333.9	333.1	332.3
62.5°	392.0	429.6	466.5	406.7	346.2	331.4	316.7	311.8	311.0	311.8	311.8
65°	354.4	365.8	377.3	349.4	321.6	306.9	291.3	286.4	288.1	290.5	293.0
67.5°	320.0	317.5	315.1	305.3	294.6	282.3	269.2	264.3	265.2	268.4	271.7
70°	287.2	284.0	279.9	272.5	265.2	254.5	243.9	240.6	239.8	243.9	247.1
72.5°	254.5	250.4	245.5	239.8	233.2	224.2	215.2	212.8	213.6	216.1	218.5
75°	218.5	215.2	211.1	206.2	200.5	192.3	184.1	182.5	184.1	186.6	189.0
77.5°	179.2	178.4	176.8	172.7	168.6	159.6	149.8	148.9	151.4	153.9	155.5
80°	139.9	140.8	141.6	138.3	135.0	125.2	114.6	113.8	116.2	118.7	121.1
82.5°	103.1	105.6	107.2	103.1	99.0	87.6	76.1	74.5	82.7	85.1	87.6
85°	59.7	63.0	66.3	63.0	59.7	48.3	36.8	36.0	43.4	47.5	51.6
87.5°	4.9	6.5	8.2	7.4	6.5	3.3	0.0	0.0	0.8	4.1	7.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320709

CATALOG NUMBER: GAN-SA5A-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: P320709

CATALOG NUMBER: GAN-SA5A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	5330.1	5298.2	5288.3	5278.5	5242.5	5205.7	5243.3	5280.2	5295.7	5311.3	5271.2
5°	4334.1	4328.4	4328.4	4327.6	4294.8	4261.3	4286.7	4311.2	4256.4	4201.5	4195.8
7.5°	3248.1	3283.3	3312.0	3339.8	3329.2	3318.5	3342.2	3366.0	3296.4	3226.0	3191.7
10°	2405.2	2412.6	2443.7	2474.8	2482.1	2488.7	2518.1	2546.8	2492.8	2438.8	2415.0
12.5°	1876.5	1837.3	1841.3	1844.6	1859.3	1873.3	1904.4	1934.6	1912.5	1889.6	1892.1
15°	1519.7	1469.8	1449.3	1428.1	1444.4	1460.8	1482.9	1504.2	1505.0	1505.0	1526.3
17.5°	1240.7	1215.3	1194.8	1173.6	1195.6	1216.9	1219.4	1221.8	1222.7	1223.5	1221.8
20°	1016.4	1028.7	1022.2	1015.6	1023.8	1031.2	1037.7	1043.4	1036.1	1027.9	1007.4
22.5°	891.2	901.8	910.0	917.4	931.3	944.4	937.9	930.5	915.8	900.2	884.7
25°	818.4	825.7	833.9	842.1	853.6	864.2	852.7	841.3	830.7	820.0	809.4
27.5°	757.0	764.4	771.7	778.3	788.9	798.7	788.1	777.5	768.5	759.5	751.3
30°	707.1	712.0	717.7	723.4	733.3	742.3	733.3	723.4	716.9	709.5	703.8
32.5°	664.5	669.4	671.9	674.3	683.3	692.3	685.8	679.3	673.5	667.8	663.7
35°	617.9	627.7	629.3	631.0	640.0	649.0	644.9	640.0	633.4	626.9	619.5
37.5°	570.4	581.9	588.4	594.1	603.1	612.1	608.1	604.0	595.0	586.0	572.9
40°	530.3	535.2	547.5	559.0	573.7	587.6	579.4	570.4	556.5	542.6	536.0
42.5°	496.8	495.9	507.4	518.9	540.9	562.2	547.5	532.8	519.7	506.6	504.9
45°	467.3	464.8	470.6	476.3	500.0	522.9	508.2	492.7	485.3	477.9	477.9
47.5°	441.1	439.5	443.6	446.8	461.6	475.5	468.1	460.7	456.7	452.6	453.4
50°	417.4	415.7	419.8	423.1	428.8	433.7	435.4	436.2	433.7	431.3	432.9
52.5°	395.3	395.3	396.9	397.7	405.1	412.5	412.5	411.6	411.6	411.6	413.3
55°	376.5	378.1	378.1	378.1	389.5	400.2	396.9	393.6	394.5	394.5	396.1
57.5°	357.6	360.1	361.7	363.4	374.8	386.3	383.0	379.7	379.7	379.7	380.5
60°	336.4	339.6	342.9	346.2	357.6	369.1	365.8	361.7	362.5	363.4	364.2
62.5°	315.9	319.2	322.4	325.7	337.2	348.6	345.4	341.3	343.7	345.4	345.4
65°	296.3	298.7	302.0	305.3	315.9	326.5	323.3	320.0	323.3	325.7	327.4
67.5°	274.2	275.8	279.1	282.3	293.0	303.6	300.3	296.3	300.3	303.6	306.9
70°	248.8	250.4	254.5	257.8	268.4	279.1	275.0	270.9	275.0	279.1	282.3
72.5°	221.0	222.6	226.7	230.0	242.2	254.5	249.6	244.7	249.6	254.5	256.2
75°	190.7	192.3	197.2	201.3	213.6	225.9	221.8	216.9	221.0	225.1	225.9
77.5°	157.9	160.4	166.9	173.5	183.3	193.1	190.7	188.2	190.7	193.1	193.1
80°	123.6	126.0	134.2	141.6	147.3	153.0	153.9	154.7	155.5	156.3	155.5
82.5°	91.7	94.9	102.3	109.7	109.7	109.7	116.2	121.9	121.9	121.1	120.3
85°	56.5	60.6	67.1	73.7	69.6	65.5	76.1	85.9	85.9	85.1	83.5
87.5°	11.5	15.5	22.1	27.8	23.7	19.6	30.3	40.9	41.7	41.7	40.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320709
 CATALOG NUMBER: GAN-SA5A-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: P320709

CATALOG NUMBER: GAN-SA5A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	5230.2	5294.1	5357.1	5373.5	5398.0	5408.6	5418.5	5498.7	5578.0	5671.3	5764.6
5°	4189.3	4236.7	4284.2	4291.6	4316.9	4330.0	4343.1	4440.5	4537.1	4667.2	4797.3
7.5°	3157.3	3168.8	3180.2	3178.6	3199.8	3228.5	3256.3	3360.3	3463.4	3603.3	3742.4
10°	2391.3	2417.5	2442.9	2466.6	2513.2	2567.2	2620.4	2726.8	2833.2	2971.5	3109.0
12.5°	1894.5	1924.8	1954.3	1980.5	2034.5	2106.5	2177.7	2305.4	2433.0	2598.3	2762.8
15°	1546.7	1544.3	1541.8	1559.8	1607.3	1685.9	1763.6	1898.6	2033.7	2215.3	2396.2
17.5°	1220.2	1207.9	1195.6	1209.6	1253.8	1318.4	1382.2	1496.8	1610.6	1786.5	1962.5
20°	987.0	978.8	970.6	983.7	1011.5	1038.5	1065.5	1148.2	1230.0	1373.2	1515.6
22.5°	868.3	867.5	865.8	873.2	886.3	900.2	913.3	953.4	992.7	1085.2	1176.8
25°	798.7	797.9	797.1	800.4	811.0	821.6	832.3	858.5	884.7	928.9	973.0
27.5°	743.1	741.4	739.8	740.6	743.1	759.5	775.0	787.3	798.7	829.0	858.5
30°	698.1	697.3	696.4	696.4	694.0	699.7	705.4	724.3	742.3	773.4	804.5
32.5°	659.6	655.5	651.4	642.4	636.7	644.9	653.1	672.7	692.3	721.0	749.6
35°	611.3	600.7	589.2	584.3	585.1	593.3	601.5	621.1	640.0	671.1	701.3
37.5°	559.0	555.7	551.6	550.8	553.2	561.4	569.6	586.8	603.1	634.2	664.5
40°	529.5	527.9	526.2	524.6	526.2	534.4	542.6	559.0	574.5	604.8	634.2
42.5°	503.3	502.5	501.7	501.7	502.5	511.5	520.5	536.9	552.4	579.4	606.4
45°	477.9	478.7	478.7	480.4	482.8	491.8	500.0	518.0	536.0	562.2	588.4
47.5°	454.2	456.7	458.3	462.4	464.8	474.7	483.7	503.3	522.9	555.7	587.6
50°	433.7	436.2	437.8	441.1	447.7	459.1	470.6	494.3	517.2	572.0	626.1
52.5°	414.9	417.4	419.8	423.1	431.3	444.4	457.5	486.9	515.6	579.4	643.2
55°	397.7	400.2	401.8	406.7	414.9	426.4	437.0	473.0	509.0	555.7	602.3
57.5°	381.4	383.8	385.5	388.7	392.8	405.1	416.6	455.0	493.5	526.2	558.1
60°	364.2	365.8	366.6	366.6	369.9	383.8	397.7	446.8	495.1	489.4	482.8
62.5°	345.4	347.0	347.8	345.4	349.4	364.2	378.9	442.7	506.6	467.3	428.0
65°	328.2	327.4	326.5	324.1	329.0	343.7	357.6	389.5	421.5	405.9	390.4
67.5°	309.3	306.9	304.4	301.2	306.1	319.2	331.4	342.1	352.7	354.4	356.0
70°	285.6	282.3	279.1	278.2	280.7	291.3	302.0	309.3	315.9	319.2	321.6
72.5°	257.8	255.3	252.9	251.2	252.1	261.1	269.2	275.8	282.3	284.8	286.4
75°	226.7	226.7	225.9	221.0	221.0	228.3	234.9	240.6	246.3	249.6	252.9
77.5°	193.1	194.0	194.0	187.4	186.6	194.0	200.5	205.4	209.5	212.8	215.2
80°	154.7	153.0	151.4	147.3	145.7	154.7	162.9	166.9	170.2	171.0	171.0
82.5°	118.7	115.4	111.3	102.3	103.1	112.9	121.9	125.2	128.5	128.5	128.5
85°	81.0	74.5	67.1	59.7	60.6	71.2	81.0	84.3	87.6	89.2	90.0
87.5°	38.5	31.9	24.6	18.8	18.8	27.8	36.0	37.6	39.3	42.6	45.8
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: P320709
 CATALOG NUMBER: GAN-SA5A-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: P320709

CATALOG NUMBER: GAN-SA5A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	5835.8	5906.2	5979.1	6051.9	6135.4	6218.8	6316.2	6412.8	6495.4	6578.1	6646.8
5°	4909.4	5021.6	5153.3	5285.1	5452.8	5620.6	5826.0	6030.6	6213.1	6395.6	6607.6
7.5°	3888.9	4034.6	4206.5	4378.3	4595.2	4812.0	5078.0	5344.0	5601.8	5858.8	6184.5
10°	3262.0	3415.1	3584.5	3753.1	3974.0	4194.2	4475.7	4756.4	5046.1	5335.0	5703.3
12.5°	2933.1	3102.5	3251.4	3400.4	3579.6	3758.0	4030.5	4303.0	4643.5	4983.1	5337.4
15°	2582.0	2766.9	2945.3	3123.7	3319.3	3514.1	3779.3	4044.4	4416.8	4789.1	5196.7
17.5°	2157.2	2352.0	2569.7	2786.6	3041.9	3296.4	3636.0	3975.7	4416.8	4857.1	5337.4
20°	1714.5	1913.4	2173.6	2433.8	2751.4	3068.1	3508.4	3948.7	4542.8	5136.1	5749.1
22.5°	1352.8	1527.9	1811.9	2095.0	2461.7	2828.3	3393.0	3956.8	4733.5	5509.3	6336.7
25°	1096.6	1220.2	1499.3	1777.5	2200.6	2623.7	3322.6	4020.7	5010.9	6000.3	7026.6
27.5°	939.5	1020.5	1280.8	1540.2	2002.6	2464.1	3294.0	4123.0	5362.8	6602.7	7777.0
30°	860.9	917.4	1137.5	1356.9	1826.6	2296.4	3259.6	4222.8	5701.6	7179.6	8363.8
32.5°	795.5	840.5	1028.7	1216.1	1674.4	2132.7	3193.3	4253.1	5938.1	7623.2	8860.6
35°	739.8	777.5	941.1	1104.8	1554.9	2005.0	3082.0	4159.0	6086.3	8013.5	9377.8
37.5°	694.8	724.3	875.7	1027.1	1451.8	1876.5	2955.2	4033.8	6218.0	8402.3	9959.6
40°	659.6	685.0	826.6	968.1	1353.6	1739.0	2846.3	3952.8	6399.7	8846.6	10574.2
42.5°	640.0	672.7	784.0	894.5	1260.3	1626.1	2758.7	3891.4	6568.3	9244.4	11111.9
45°	635.1	681.7	761.9	842.1	1190.7	1539.4	2681.0	3821.8	6677.1	9532.4	11517.0
47.5°	626.9	665.3	744.7	824.1	1156.4	1487.8	2639.3	3789.9	6786.0	9781.2	11853.4
50°	631.8	636.7	730.8	824.1	1151.5	1478.8	2686.7	3894.6	7021.7	10147.9	12238.0
52.5°	622.8	601.5	704.6	807.7	1150.6	1493.5	2823.4	4153.3	7459.5	10764.9	12654.5
55°	575.3	547.5	655.5	763.5	1133.5	1502.5	2986.3	4469.1	8047.1	11624.2	13403.4
57.5°	533.6	508.2	599.9	690.7	1081.1	1471.4	3154.0	4835.8	8668.2	12499.9	14247.1
60°	477.9	472.2	537.7	603.1	1000.1	1396.1	3292.3	5187.7	9085.6	12982.7	14572.0
62.5°	432.1	435.4	483.7	531.9	898.6	1264.4	3338.2	5411.1	9074.1	12737.2	14244.6
65°	396.9	402.6	450.1	497.6	811.8	1126.1	3187.6	5248.2	8615.0	11981.0	13597.3
67.5°	362.5	369.1	425.6	481.2	734.9	987.8	2811.1	4633.6	7789.3	10944.1	12774.0
70°	329.8	338.0	399.4	460.7	679.3	896.9	2325.8	3754.7	6755.7	9755.9	11820.6
72.5°	294.6	302.8	368.3	433.7	644.1	853.6	1896.2	2938.0	5482.3	8025.8	10111.0
75°	258.6	264.3	335.5	405.9	595.8	785.6	1487.8	2189.2	4195.8	6202.5	7637.1
77.5°	222.6	230.0	289.7	348.6	505.8	662.1	1121.2	1580.3	3078.7	4576.4	5311.3
80°	177.6	184.1	226.7	268.4	390.4	511.5	770.9	1030.3	2118.8	3207.2	3621.3
82.5°	135.9	143.2	171.9	199.7	278.2	356.8	467.3	577.8	1407.6	2236.6	2271.0
85°	93.3	95.7	116.2	135.9	171.9	207.9	267.6	327.4	931.3	1535.3	1279.1
87.5°	46.6	46.6	60.6	74.5	92.5	110.5	141.6	171.9	297.9	423.9	243.9
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: P320709

CATALOG NUMBER: GAN-SA5A-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: P320709

CATALOG NUMBER: GAN-SA5A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	6734.4	6794.2	6854.7	6900.5	6947.2	7014.3	7081.4	7093.7	7106.8	7080.6	7054.4
5°	6821.2	7002.0	7183.7	7351.5	7519.2	7619.9	7720.6	7741.0	7761.5	7698.5	7634.6
7.5°	6499.5	6814.6	7129.7	7418.6	7707.5	7882.6	8058.5	8097.8	8137.9	8034.8	7931.7
10°	6069.9	6457.0	6844.1	7224.6	7605.2	7859.7	8114.2	8164.9	8215.7	8087.2	7958.7
12.5°	5737.6	6150.9	6564.2	6965.2	7367.0	7630.5	7894.1	7957.1	8020.1	7926.8	7832.7
15°	5635.3	6024.1	6412.8	6762.2	7112.5	7327.7	7543.8	7569.2	7595.3	7580.6	7565.9
17.5°	5821.1	6172.2	6524.1	6714.0	6904.6	6990.6	7077.3	7105.1	7133.8	7170.6	7208.3
20°	6271.2	6518.4	6766.3	6758.1	6749.1	6707.4	6664.9	6657.5	6650.1	6755.7	6862.1
22.5°	6943.1	7041.3	7140.3	6910.4	6680.4	6540.5	6399.7	6371.9	6343.2	6455.3	6568.3
25°	7672.3	7654.3	7635.4	7197.6	6759.0	6492.2	6225.4	6194.3	6163.2	6258.9	6355.5
27.5°	8394.1	8276.2	8158.4	7563.4	6968.5	6581.4	6194.3	6163.2	6132.1	6217.2	6302.3
30°	8923.6	8734.5	8545.5	7872.0	7198.4	6738.5	6278.6	6227.8	6176.3	6281.0	6385.8
32.5°	9336.8	9083.2	8829.5	8122.4	7415.3	6917.7	6420.2	6340.8	6261.4	6401.3	6541.3
35°	9749.3	9392.5	9034.9	8345.8	7655.9	7129.7	6602.7	6505.3	6407.9	6600.2	6792.5
37.5°	10268.2	9755.9	9242.7	8597.0	7951.3	7447.2	6942.3	6842.4	6742.6	6987.3	7232.8
40°	10831.2	10147.9	9464.5	8872.0	8279.5	7886.7	7493.0	7398.1	7302.4	7600.3	7898.1
42.5°	11299.3	10512.9	9726.4	9203.5	8679.7	8403.1	8125.7	8124.8	8123.2	8425.2	8727.2
45°	11679.9	10817.3	9953.9	9526.7	9098.7	8954.7	8810.6	8926.0	9041.4	9313.9	9587.3
47.5°	11963.8	11072.6	10180.6	9896.6	9612.6	9633.9	9655.2	9890.1	10124.9	10300.1	10476.0
50°	12148.8	11304.2	10458.8	10371.3	10283.7	10474.4	10665.9	10935.1	11205.2	11324.7	11444.2
52.5°	12418.0	11618.5	10818.1	10916.3	11014.5	11404.1	11793.6	12066.1	12338.7	12382.8	12427.9
55°	13040.8	12196.3	11350.9	11539.1	11728.1	12299.4	12871.4	13084.2	13297.0	13313.3	13329.7
57.5°	13925.5	13005.6	12085.8	12288.7	12491.7	13151.3	13811.7	14040.9	14270.8	14238.9	14206.2
60°	14587.5	13774.1	12959.8	13164.4	13369.0	14012.2	14655.5	14919.0	15183.3	15112.9	15042.6
62.5°	14628.5	14193.9	13758.5	13943.5	14129.3	14759.4	15389.6	15660.4	15931.3	15808.6	15685.8
65°	13977.9	14172.6	14367.4	14428.8	14490.2	15077.8	15666.2	15873.2	16081.1	16018.9	15956.7
67.5°	13081.7	13799.5	14518.0	14394.4	14270.8	14546.6	14822.4	15036.0	15249.6	15214.4	15178.4
70°	12187.3	13145.6	14103.9	13496.7	12888.6	12774.8	12661.1	12891.1	13121.8	12979.4	12836.2
72.5°	10664.3	11685.6	12707.7	11589.0	10470.3	10081.6	9692.8	9985.0	10277.2	10050.5	9823.0
75°	8371.2	9499.7	10629.1	9294.3	7959.5	7440.7	6921.8	7173.1	7424.3	7268.8	7112.5
77.5°	6231.9	7344.1	8456.3	7099.4	5741.7	5356.3	4970.0	5044.5	5119.8	5093.6	5066.6
80°	4226.9	5001.9	5777.7	4874.2	3970.8	4000.2	4030.5	3995.3	3959.3	4011.7	4064.1
82.5°	2697.4	3295.6	3894.6	3415.1	2935.5	3210.5	3485.5	3350.4	3214.6	3264.5	3315.2
85°	1539.4	2124.5	2710.5	2526.3	2341.4	2501.8	2663.0	2453.5	2244.0	2335.6	2428.1
87.5°	405.9	1175.2	1945.3	1766.1	1586.8	1379.0	1171.1	893.7	616.2	900.2	1184.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320709
 CATALOG NUMBER: GAN-SA5A-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°	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0	6236.0
2.5°	7040.5	7026.6	6976.7	6925.9	6850.6	6788.4	6680.4
5°	7546.2	7457.9	7305.6	7152.6	6982.4	6786.8	6569.9
7.5°	7725.5	7518.4	7226.3	6933.3	6669.8	6360.4	6072.3
10°	7649.4	7339.2	6959.5	6578.9	6258.9	5902.9	5583.0
12.5°	7503.7	7173.9	6755.7	6336.7	5972.5	5590.3	5231.9
15°	7303.2	7039.7	6647.7	6255.7	5889.0	5517.5	5092.8
17.5°	7083.9	6958.6	6675.5	6391.5	6074.0	5713.9	5215.5
20°	6907.1	6952.9	6840.0	6727.0	6472.5	6158.3	5598.5
22.5°	6787.6	7007.8	7094.5	7182.1	7029.0	6783.5	6136.2
25°	6720.5	7085.5	7376.0	7667.4	7599.4	7410.4	6789.2
27.5°	6750.0	7197.6	7648.5	8100.3	8163.3	8110.9	7477.5
30°	6838.3	7291.7	7840.9	8390.8	8642.0	8712.4	8051.2
32.5°	6985.7	7430.0	8028.3	8627.3	9007.0	9231.3	8575.8
35°	7208.3	7624.0	8247.6	8871.2	9362.2	9771.4	9117.5
37.5°	7590.4	7948.1	8523.4	9099.5	9736.2	10350.8	9714.1
40°	8150.2	8403.1	8889.2	9376.1	10177.3	11007.2	10379.5
42.5°	8856.5	8986.6	9372.0	9757.5	10638.1	11602.9	11030.1
45°	9621.6	9656.0	9898.3	10141.3	11003.1	12008.8	11518.6
47.5°	10358.2	10240.3	10336.9	10433.5	11282.9	12298.5	11889.4
50°	11116.0	10787.8	10737.1	10686.3	11562.8	12639.8	12360.7
52.5°	11886.9	11346.0	11145.5	10944.1	11896.7	13092.4	12947.5
55°	12641.4	11953.2	11683.1	11413.1	12407.4	13644.8	13809.3
57.5°	13426.3	12646.4	12395.9	12145.5	13157.8	14344.5	14582.6
60°	14270.8	13498.3	13297.8	13096.5	14090.8	15100.7	14927.2
62.5°	15072.0	14458.2	14352.7	14246.3	15034.4	15681.7	14793.0
65°	15607.2	15257.0	15355.2	15454.2	15748.0	15826.6	14400.1
67.5°	15249.6	15320.8	15735.7	16151.5	15949.3	15396.1	13626.0
70°	13262.6	13689.8	14672.7	15656.3	15207.9	14243.0	12236.4
72.5°	10302.5	10782.9	12242.1	13702.1	13288.8	12107.0	10050.5
75°	7654.3	8196.9	9807.4	11418.0	10844.3	9056.1	7196.0
77.5°	5429.9	5793.3	7383.4	8974.3	8038.9	6028.2	4842.3
80°	3952.8	3841.5	4727.8	5614.1	5458.6	3987.1	3109.8
82.5°	3043.5	2771.8	3189.2	3606.6	3583.7	2766.9	2281.6
85°	2319.3	2210.4	2579.5	2948.6	2632.7	1874.1	1450.2
87.5°	1352.0	1520.5	1955.1	2390.5	1793.9	568.8	281.5
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)