

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: P320747

Luminaire Tested: **GAN-SA3A-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320747
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-SA3A-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 80 CRI, 2700K, 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: 9190 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G3

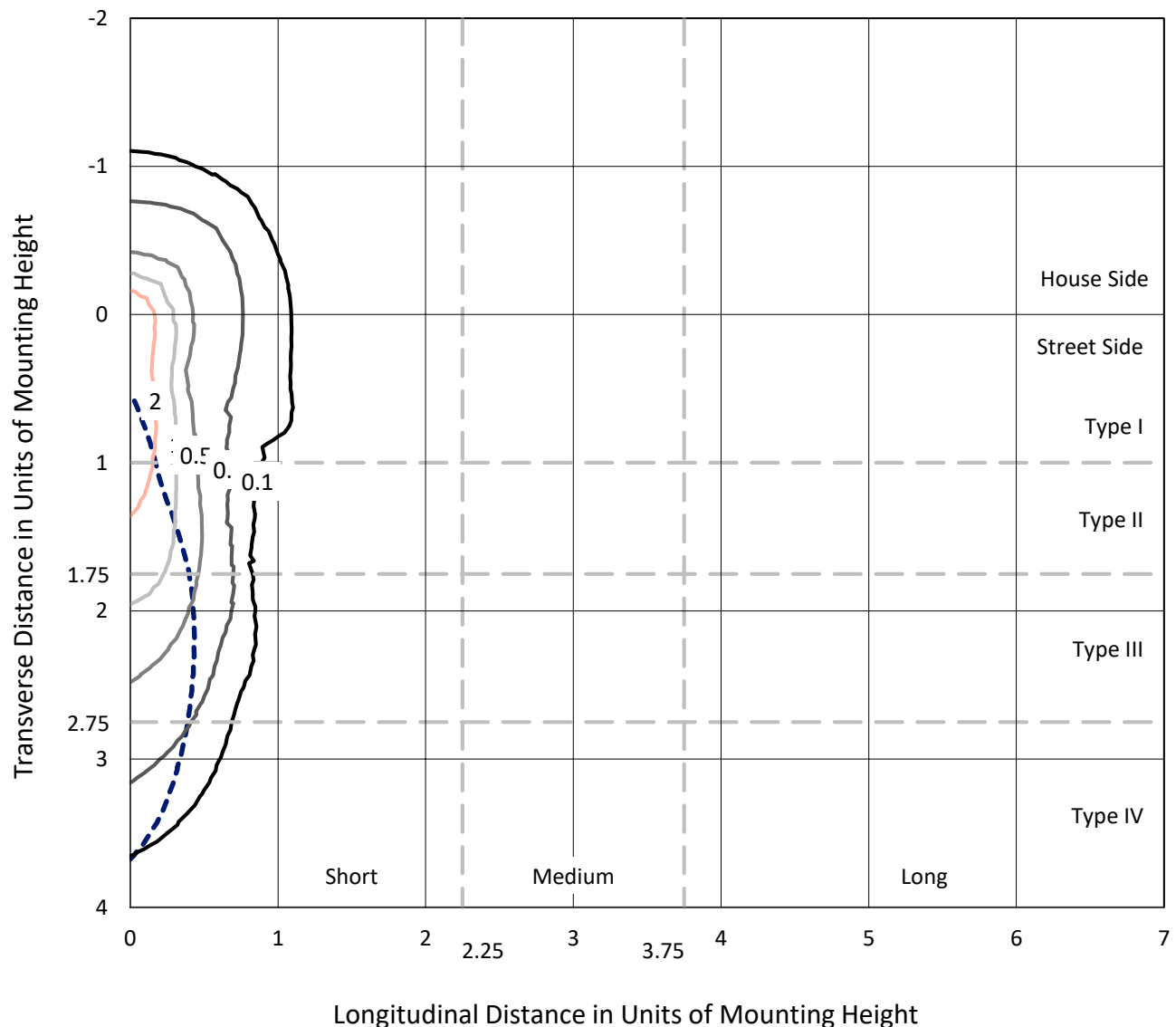
Input Watts (W): 96
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

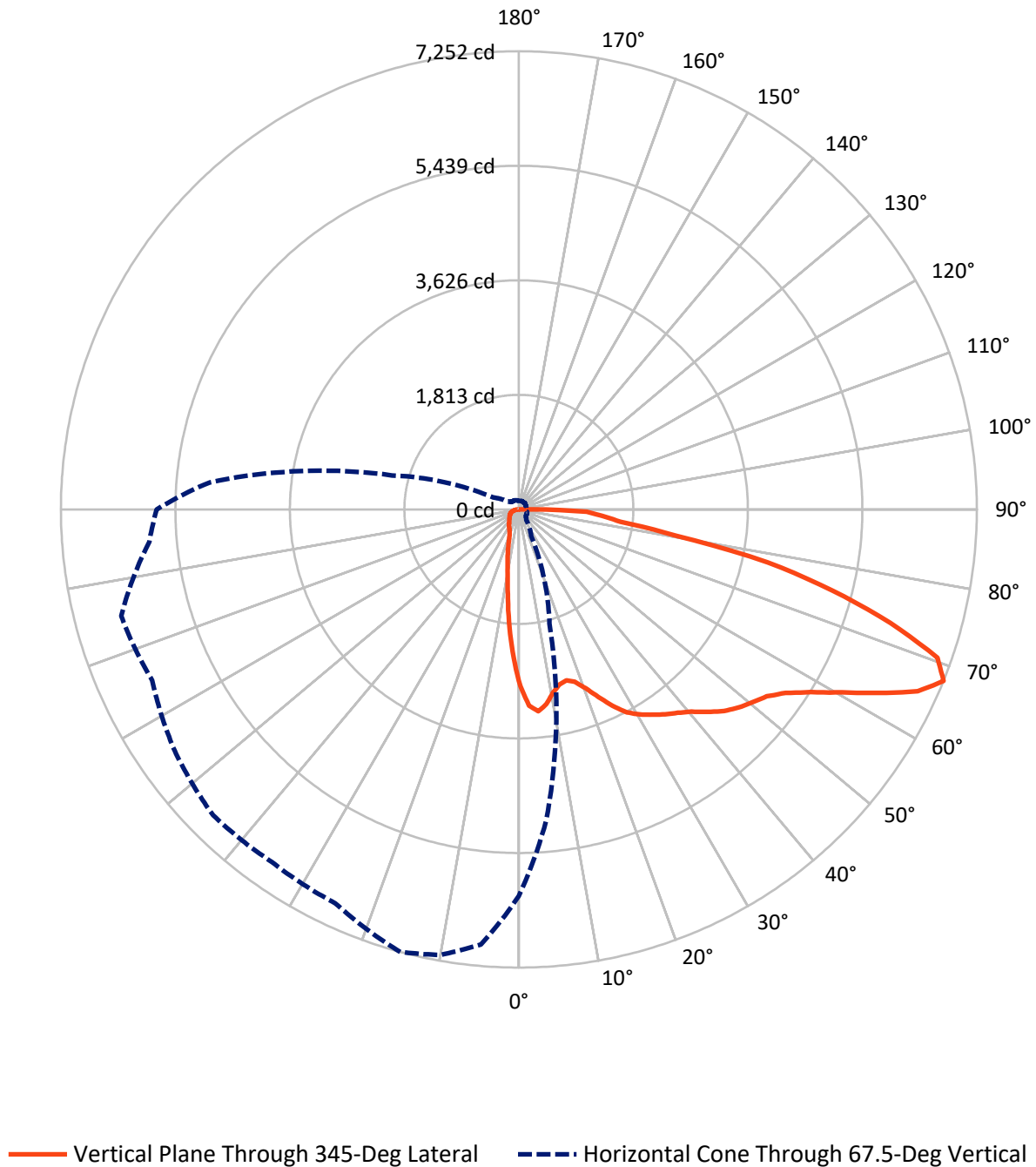
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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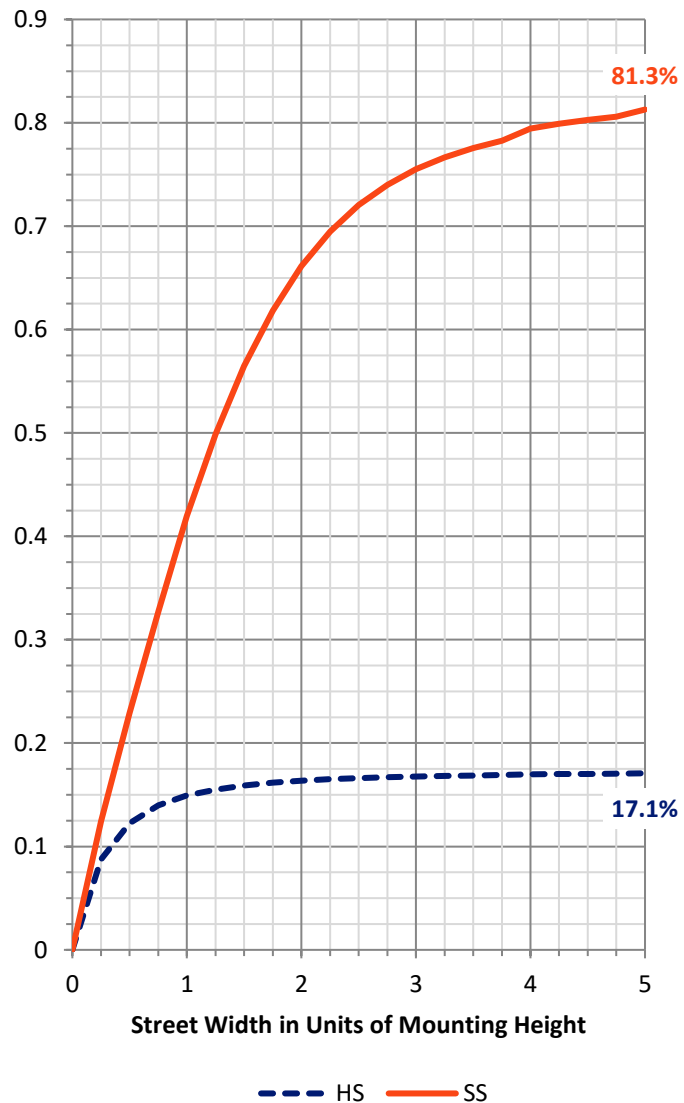
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1588.8	0.0	1588.8
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	7601.2	0.0	7601.2
	% Fixture	82.7	0.0	82.7
Total	Lumens	9190.0	0.0	9190.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.1	2.4
10°-20°	448.9	4.9
20°-30°	638.4	6.9
30°-40°	919.9	10.0
40°-50°	1296.5	14.1
50°-60°	1802.3	19.6
60°-70°	2179.5	23.7
70°-80°	1339.7	14.6
80°-90°	348.6	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°	9190.0	100.0
0°-180°	9190.0	100.0

Coefficient of Utilization



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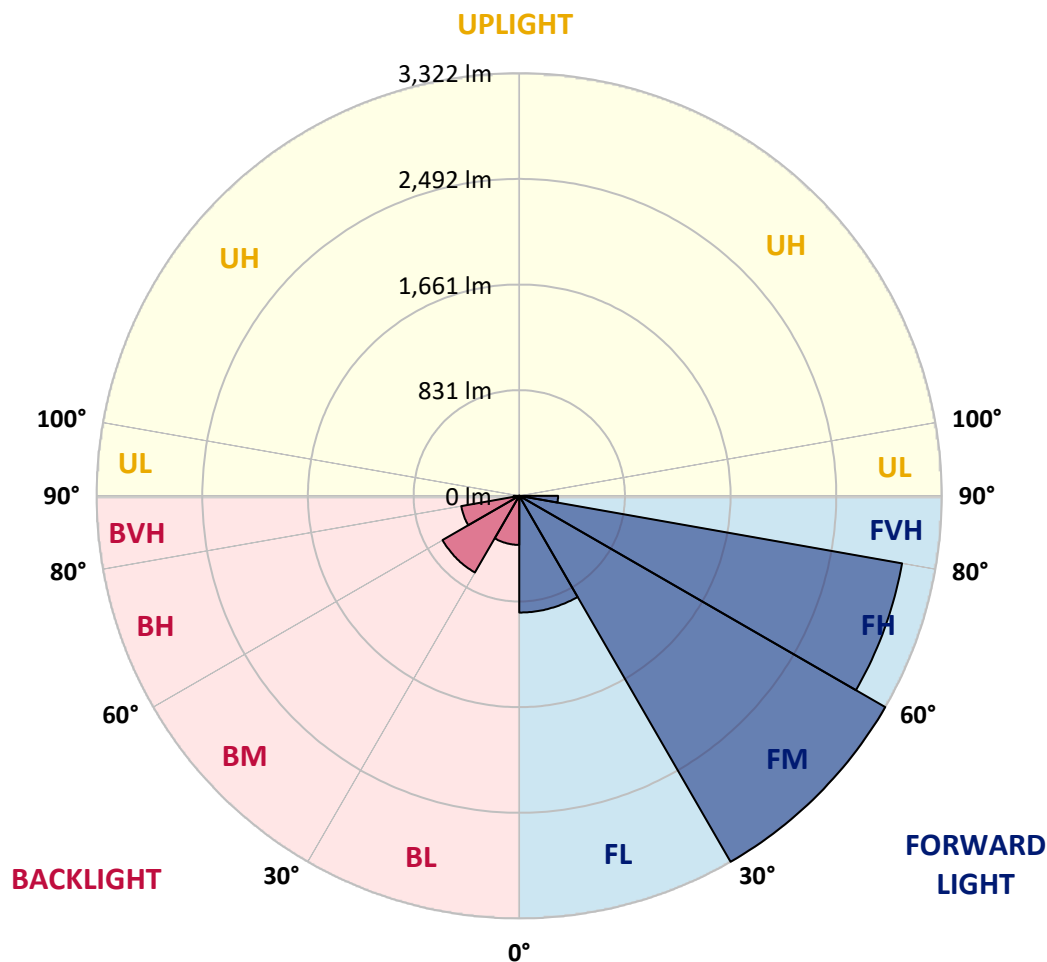
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	917.6	10.0			
FM	(30°-60°)	3322.4	36.2			
FH	(60°-80°)	3056.3	33.3			G2/5000
FVH	(80°-90°)	304.9	3.3			G3/500
BL	(0°-30°)	385.7	4.2	B1/500		
BM	(30°-60°)	696.3	7.6	B1/1000		
BH	(60°-80°)	463.0	5.0	B1/500		G1/500
BVH	(80°-90°)	43.7	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8
2.5°	2999.3	2972.9	2932.8	2892.8	2863.0	2832.9	2798.7	2764.5	2725.6	2686.3	2663.1
5°	2949.7	2876.2	2780.7	2685.2	2622.0	2558.8	2487.1	2415.5	2344.6	2273.6	2235.4
7.5°	2726.3	2616.1	2491.9	2367.7	2275.8	2183.6	2084.4	1984.8	1896.7	1808.1	1753.4
10°	2506.6	2374.3	2231.8	2088.8	1971.2	1853.7	1754.1	1654.2	1587.7	1521.1	1470.8
12.5°	2349.0	2202.4	2045.5	1888.2	1770.6	1653.1	1589.9	1526.7	1471.5	1416.4	1358.4
15°	2286.5	2120.8	1960.2	1799.3	1692.4	1585.4	1515.3	1444.7	1370.9	1296.7	1225.4
17.5°	2341.6	2147.6	1973.1	1798.6	1658.6	1518.6	1420.5	1322.0	1224.6	1127.3	1044.6
20°	2513.6	2265.9	2037.8	1809.2	1622.9	1436.6	1305.1	1173.2	1048.3	923.3	829.7
22.5°	2755.0	2427.2	2129.2	1831.3	1590.6	1349.6	1184.6	1019.2	871.5	723.8	632.0
25°	3048.2	2641.1	2261.1	1880.9	1577.4	1273.5	1070.7	867.9	712.1	555.9	490.5
27.5°	3357.2	2896.1	2425.0	1953.6	1579.6	1205.5	974.8	743.7	603.3	463.0	418.1
30°	3614.8	3187.4	2616.1	2044.4	1588.0	1131.7	884.4	637.1	521.4	405.6	376.6
32.5°	3850.3	3390.6	2760.1	2129.2	1597.6	1065.5	814.6	563.3	468.8	374.0	350.2
35°	4093.5	3571.0	2860.8	2150.2	1581.0	1011.5	766.8	522.1	435.0	347.6	327.4
37.5°	4361.4	3766.1	2957.8	2149.1	1553.1	957.1	729.7	501.9	413.0	323.7	309.0
40°	4660.1	3981.8	3062.9	2143.9	1527.8	911.2	702.2	492.7	400.9	308.6	296.1
42.5°	4952.2	4187.6	3160.6	2133.7	1507.2	880.4	675.0	469.6	389.8	309.7	292.1
45°	5171.5	4367.2	3245.5	2123.4	1491.8	860.1	653.7	447.2	379.6	311.9	289.5
47.5°	5338.0	4547.6	3339.5	2131.1	1490.3	849.5	638.6	427.7	360.1	292.1	282.9
50°	5549.6	4764.4	3476.6	2188.8	1510.5	832.2	621.0	409.3	341.3	273.4	285.9
52.5°	5813.1	5073.8	3689.0	2303.8	1552.7	801.7	593.0	384.3	318.6	252.4	271.9
55°	6200.0	5470.3	3960.5	2450.4	1603.8	756.9	550.8	344.3	288.4	232.2	249.5
57.5°	6547.2	5870.8	4221.0	2570.9	1635.8	700.3	497.5	294.7	254.6	214.6	224.5
60°	6701.9	6077.3	4343.0	2608.4	1616.7	625.0	437.6	249.9	224.9	199.9	198.0
62.5°	6641.6	5946.1	4222.8	2499.6	1523.4	547.1	384.7	222.3	203.6	184.4	180.4
65°	6465.3	5533.8	3886.3	2238.7	1365.7	492.7	351.3	209.8	188.9	167.9	163.5
67.5°	6117.7	4947.0	3409.4	1871.7	1165.5	459.3	332.2	205.0	179.7	154.0	148.8
70°	5493.8	4240.8	2860.1	1478.9	959.0	438.7	319.7	200.6	169.8	138.5	133.7
72.5°	4512.4	3400.2	2283.9	1167.3	801.7	436.1	318.2	200.2	161.7	123.1	118.7
75°	3230.8	2582.6	1743.4	903.9	656.6	409.3	302.0	194.7	150.6	106.2	102.1
77.5°	2174.1	1787.5	1211.8	635.6	487.2	338.8	253.9	169.0	129.0	88.9	84.9
80°	1396.2	1237.1	812.0	386.9	316.0	245.1	181.5	117.9	94.1	69.8	66.5
82.5°	1024.4	920.8	564.4	208.0	175.6	142.9	111.0	79.0	64.3	49.6	48.1
85°	651.1	718.0	415.6	113.2	92.6	72.0	59.5	47.0	37.1	27.2	27.2
87.5°	126.4	174.9	115.0	54.7	40.0	25.4	21.7	17.6	9.9	1.8	2.2
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



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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°	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8
2.5°	2639.6	2614.2	2588.9	2560.2	2531.2	2504.4	2477.2	2447.4	2452.9	2430.2	2407.4
5°	2197.2	2156.8	2116.0	2080.7	2045.5	2015.0	1984.1	1956.6	1980.4	1964.3	1948.1
7.5°	1698.2	1648.3	1597.9	1555.7	1513.4	1480.7	1447.7	1424.9	1448.4	1445.5	1442.5
10°	1420.5	1372.0	1323.1	1276.4	1229.8	1190.1	1150.0	1116.2	1110.4	1093.5	1076.2
12.5°	1300.0	1233.5	1166.6	1117.7	1068.8	1021.4	974.1	934.4	916.4	888.4	860.1
15°	1154.1	1075.5	996.8	941.3	885.5	839.6	793.3	759.1	747.7	726.0	704.4
17.5°	961.9	875.9	790.0	733.8	677.2	640.4	603.3	580.5	580.5	574.3	568.0
20°	736.0	659.2	582.4	539.4	496.4	476.9	457.1	447.5	450.5	450.8	450.8
22.5°	539.8	492.7	445.7	428.4	410.8	403.8	396.8	392.8	394.2	394.6	395.0
25°	425.1	407.1	388.7	379.9	370.7	366.3	361.9	360.4	363.8	364.1	364.1
27.5°	373.3	362.3	350.9	345.4	339.5	337.7	335.8	333.3	336.6	336.6	336.2
30°	347.2	335.5	323.7	316.7	309.7	310.5	310.8	310.1	312.3	313.8	314.9
32.5°	325.9	314.5	303.1	296.1	288.8	287.7	286.6	285.9	290.6	293.2	295.8
35°	306.8	294.3	281.8	275.2	268.6	266.0	263.4	261.6	266.0	269.3	272.6
37.5°	293.9	281.1	267.9	261.6	255.0	251.7	248.4	246.2	248.0	249.5	251.0
40°	283.7	270.4	256.8	249.5	242.1	238.8	235.5	233.7	234.8	235.2	235.5
42.5°	274.1	261.2	248.4	240.3	231.8	227.8	223.8	221.6	222.3	223.0	223.4
45°	267.1	254.3	241.0	231.5	221.6	217.1	212.7	210.2	210.5	210.5	210.5
47.5°	273.7	255.0	235.9	224.9	213.5	208.3	203.2	200.6	199.9	199.1	198.4
50°	298.0	266.0	233.7	219.7	205.4	199.9	194.0	191.1	189.2	188.5	187.8
52.5°	291.0	263.4	235.5	217.5	199.1	192.5	185.9	181.1	179.3	178.2	177.1
55°	266.4	249.1	231.5	209.8	188.1	182.2	176.0	172.7	169.4	168.6	167.9
57.5°	234.1	227.1	220.1	198.0	176.0	170.5	164.6	162.4	159.5	159.5	159.1
60°	195.8	206.1	216.4	191.1	165.3	159.1	152.8	151.0	149.9	149.5	149.2
62.5°	176.0	192.9	209.4	182.6	155.4	148.8	142.2	140.0	139.6	140.0	140.0
65°	159.1	164.2	169.4	156.9	144.4	137.8	130.8	128.6	129.3	130.4	131.5
67.5°	143.7	142.6	141.5	137.1	132.3	126.8	120.9	118.7	119.0	120.5	122.0
70°	129.0	127.5	125.7	122.4	119.0	114.3	109.5	108.0	107.7	109.5	111.0
72.5°	114.3	112.4	110.2	107.7	104.7	100.7	96.6	95.5	95.9	97.0	98.1
75°	98.1	96.6	94.8	92.6	90.0	86.3	82.7	81.9	82.7	83.8	84.9
77.5°	80.5	80.1	79.4	77.5	75.7	71.6	67.2	66.9	68.0	69.1	69.8
80°	62.8	63.2	63.6	62.1	60.6	56.2	51.4	51.1	52.2	53.3	54.4
82.5°	46.3	47.4	48.1	46.3	44.5	39.3	34.2	33.4	37.1	38.2	39.3
85°	26.8	28.3	29.8	28.3	26.8	21.7	16.5	16.2	19.5	21.3	23.1
87.5°	2.2	2.9	3.7	3.3	2.9	1.5	0.0	0.0	0.4	1.8	3.3
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



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 CATALOG NUMBER: GAN-SA3A-827-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: P320747

CATALOG NUMBER: GAN-SA3A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8
2.5°	2393.1	2378.7	2374.3	2369.9	2353.7	2337.2	2354.1	2370.6	2377.6	2384.6	2366.6
5°	1945.9	1943.3	1943.3	1943.0	1928.3	1913.2	1924.6	1935.6	1911.0	1886.4	1883.8
7.5°	1458.3	1474.1	1487.0	1499.5	1494.7	1489.9	1500.6	1511.2	1480.0	1448.4	1433.0
10°	1079.9	1083.2	1097.1	1111.1	1114.4	1117.3	1130.6	1143.4	1119.2	1094.9	1084.3
12.5°	842.5	824.9	826.7	828.2	834.8	841.0	855.0	868.6	858.7	848.4	849.5
15°	682.3	659.9	650.7	641.2	648.5	655.9	665.8	675.3	675.7	675.7	685.3
17.5°	557.0	545.6	536.4	526.9	536.8	546.4	547.5	548.6	548.9	549.3	548.6
20°	456.3	461.9	458.9	456.0	459.7	463.0	465.9	468.5	465.2	461.5	452.3
22.5°	400.1	404.9	408.6	411.9	418.1	424.0	421.1	417.8	411.2	404.2	397.2
25°	367.4	370.7	374.4	378.1	383.2	388.0	382.9	377.7	372.9	368.2	363.4
27.5°	339.9	343.2	346.5	349.4	354.2	358.6	353.8	349.1	345.0	341.0	337.3
30°	317.5	319.7	322.2	324.8	329.2	333.3	329.2	324.8	321.9	318.6	316.0
32.5°	298.4	300.6	301.7	302.8	306.8	310.8	307.9	305.0	302.4	299.8	298.0
35°	277.4	281.8	282.6	283.3	287.3	291.4	289.5	287.3	284.4	281.4	278.1
37.5°	256.1	261.2	264.2	266.8	270.8	274.8	273.0	271.2	267.1	263.1	257.2
40°	238.1	240.3	245.8	251.0	257.6	263.8	260.1	256.1	249.9	243.6	240.7
42.5°	223.0	222.7	227.8	232.9	242.9	252.4	245.8	239.2	233.3	227.4	226.7
45°	209.8	208.7	211.3	213.8	224.5	234.8	228.2	221.2	217.9	214.6	214.6
47.5°	198.0	197.3	199.1	200.6	207.2	213.5	210.2	206.9	205.0	203.2	203.6
50°	187.4	186.7	188.5	190.0	192.5	194.7	195.5	195.8	194.7	193.6	194.4
52.5°	177.5	177.5	178.2	178.6	181.9	185.2	185.2	184.8	184.8	184.8	185.6
55°	169.0	169.8	169.8	169.8	174.9	179.7	178.2	176.7	177.1	177.1	177.8
57.5°	160.6	161.7	162.4	163.1	168.3	173.4	172.0	170.5	170.5	170.5	170.9
60°	151.0	152.5	154.0	155.4	160.6	165.7	164.2	162.4	162.8	163.1	163.5
62.5°	141.8	143.3	144.8	146.2	151.4	156.5	155.1	153.2	154.3	155.1	155.1
65°	133.0	134.1	135.6	137.1	141.8	146.6	145.1	143.7	145.1	146.2	147.0
67.5°	123.1	123.8	125.3	126.8	131.5	136.3	134.8	133.0	134.8	136.3	137.8
70°	111.7	112.4	114.3	115.7	120.5	125.3	123.5	121.6	123.5	125.3	126.8
72.5°	99.2	99.9	101.8	103.2	108.8	114.3	112.1	109.9	112.1	114.3	115.0
75°	85.6	86.3	88.6	90.4	95.9	101.4	99.6	97.4	99.2	101.0	101.4
77.5°	70.9	72.0	75.0	77.9	82.3	86.7	85.6	84.5	85.6	86.7	86.7
80°	55.5	56.6	60.3	63.6	66.1	68.7	69.1	69.4	69.8	70.2	69.8
82.5°	41.2	42.6	45.9	49.2	49.2	49.2	52.2	54.7	54.7	54.4	54.0
85°	25.4	27.2	30.1	33.1	31.2	29.4	34.2	38.6	38.6	38.2	37.5
87.5°	5.1	7.0	9.9	12.5	10.7	8.8	13.6	18.4	18.7	18.7	18.0
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: P320747
 CATALOG NUMBER: GAN-SA3A-827-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: P320747

CATALOG NUMBER: GAN-SA3A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8
2.5°	2348.2	2376.9	2405.2	2412.5	2423.6	2428.3	2432.7	2468.7	2504.4	2546.3	2588.2
5°	1880.9	1902.2	1923.5	1926.8	1938.2	1944.1	1949.9	1993.7	2037.0	2095.4	2153.9
7.5°	1417.5	1422.7	1427.8	1427.1	1436.6	1449.5	1462.0	1508.7	1555.0	1617.8	1680.2
10°	1073.6	1085.4	1096.8	1107.4	1128.4	1152.6	1176.5	1224.3	1272.0	1334.1	1395.9
12.5°	850.6	864.2	877.4	889.2	913.4	945.8	977.7	1035.0	1092.4	1166.6	1240.4
15°	694.4	693.3	692.2	700.3	721.6	756.9	791.8	852.4	913.1	994.6	1075.8
17.5°	547.8	542.3	536.8	543.1	562.9	591.9	620.6	672.0	723.1	802.1	881.1
20°	443.1	439.4	435.8	441.6	454.1	466.3	478.4	515.5	552.2	616.5	680.5
22.5°	389.8	389.5	388.7	392.0	397.9	404.2	410.0	428.1	445.7	487.2	528.4
25°	358.6	358.2	357.9	359.3	364.1	368.9	373.7	385.4	397.2	417.0	436.9
27.5°	333.6	332.9	332.2	332.5	333.6	341.0	348.0	353.5	358.6	372.2	385.4
30°	313.4	313.0	312.7	312.7	311.6	314.2	316.7	325.2	333.3	347.2	361.2
32.5°	296.1	294.3	292.5	288.4	285.9	289.5	293.2	302.0	310.8	323.7	336.6
35°	274.5	269.7	264.5	262.3	262.7	266.4	270.1	278.9	287.3	301.3	314.9
37.5°	251.0	249.5	247.6	247.3	248.4	252.1	255.7	263.4	270.8	284.8	298.4
40°	237.7	237.0	236.3	235.5	236.3	239.9	243.6	251.0	257.9	271.5	284.8
42.5°	226.0	225.6	225.2	225.2	225.6	229.6	233.7	241.0	248.0	260.1	272.3
45°	214.6	214.9	214.9	215.7	216.8	220.8	224.5	232.6	240.7	252.4	264.2
47.5°	203.9	205.0	205.8	207.6	208.7	213.1	217.1	226.0	234.8	249.5	263.8
50°	194.7	195.8	196.6	198.0	201.0	206.1	211.3	221.9	232.2	256.8	281.1
52.5°	186.3	187.4	188.5	190.0	193.6	199.5	205.4	218.6	231.5	260.1	288.8
55°	178.6	179.7	180.4	182.6	186.3	191.4	196.2	212.4	228.5	249.5	270.4
57.5°	171.2	172.3	173.1	174.5	176.4	181.9	187.0	204.3	221.6	236.3	250.6
60°	163.5	164.2	164.6	164.6	166.1	172.3	178.6	200.6	222.3	219.7	216.8
62.5°	155.1	155.8	156.2	155.1	156.9	163.5	170.1	198.8	227.4	209.8	192.2
65°	147.3	147.0	146.6	145.5	147.7	154.3	160.6	174.9	189.2	182.2	175.3
67.5°	138.9	137.8	136.7	135.2	137.4	143.3	148.8	153.6	158.4	159.1	159.8
70°	128.2	126.8	125.3	124.9	126.0	130.8	135.6	138.9	141.8	143.3	144.4
72.5°	115.7	114.6	113.5	112.8	113.2	117.2	120.9	123.8	126.8	127.9	128.6
75°	101.8	101.8	101.4	99.2	99.2	102.5	105.5	108.0	110.6	112.1	113.5
77.5°	86.7	87.1	87.1	84.1	83.8	87.1	90.0	92.2	94.1	95.5	96.6
80°	69.4	68.7	68.0	66.1	65.4	69.4	73.1	75.0	76.4	76.8	76.8
82.5°	53.3	51.8	50.0	45.9	46.3	50.7	54.7	56.2	57.7	57.7	57.7
85°	36.4	33.4	30.1	26.8	27.2	32.0	36.4	37.8	39.3	40.0	40.4
87.5°	17.3	14.3	11.0	8.5	8.5	12.5	16.2	16.9	17.6	19.1	20.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320747
 CATALOG NUMBER: GAN-SA3A-827-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: P320747

CATALOG NUMBER: GAN-SA3A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8
2.5°	2620.1	2651.7	2684.4	2717.1	2754.6	2792.1	2835.8	2879.2	2916.3	2953.4	2984.2
5°	2204.2	2254.5	2313.7	2372.8	2448.2	2523.5	2615.7	2707.6	2789.5	2871.4	2966.6
7.5°	1746.0	1811.4	1888.6	1965.7	2063.1	2160.5	2279.9	2399.3	2515.0	2630.4	2776.6
10°	1464.6	1533.3	1609.3	1685.0	1784.2	1883.1	2009.5	2135.5	2265.6	2395.3	2560.6
12.5°	1316.9	1392.9	1459.8	1526.7	1607.1	1687.2	1809.6	1931.9	2084.8	2237.3	2396.4
15°	1159.2	1242.3	1322.4	1402.5	1490.3	1577.7	1696.8	1815.8	1983.0	2150.2	2333.2
17.5°	968.5	1056.0	1153.7	1251.1	1365.7	1480.0	1632.5	1785.0	1983.0	2180.7	2396.4
20°	769.8	859.0	975.9	1092.7	1235.3	1377.5	1575.2	1772.8	2039.6	2306.0	2581.2
22.5°	607.4	686.0	813.5	940.6	1105.2	1269.8	1523.4	1776.5	2125.2	2473.5	2845.0
25°	492.4	547.8	673.1	798.1	988.0	1178.0	1491.8	1805.2	2249.8	2694.0	3154.7
27.5°	421.8	458.2	575.0	691.5	899.1	1106.3	1478.9	1851.1	2407.8	2964.4	3491.7
30°	386.5	411.9	510.7	609.2	820.1	1031.0	1463.5	1895.9	2559.9	3223.4	3755.1
32.5°	357.1	377.3	461.9	546.0	751.8	957.5	1433.7	1909.5	2666.1	3422.6	3978.1
35°	332.2	349.1	422.5	496.0	698.1	900.2	1383.7	1867.3	2732.6	3597.8	4210.4
37.5°	311.9	325.2	393.1	461.1	651.8	842.5	1326.8	1811.0	2791.7	3772.4	4471.6
40°	296.1	307.5	371.1	434.7	607.7	780.8	1277.9	1774.7	2873.3	3971.9	4747.5
42.5°	287.3	302.0	352.0	401.6	565.8	730.1	1238.6	1747.1	2949.0	4150.5	4988.9
45°	285.1	306.1	342.1	378.1	534.6	691.1	1203.7	1715.9	2997.8	4279.8	5170.8
47.5°	281.4	298.7	334.4	370.0	519.2	668.0	1185.0	1701.6	3046.7	4391.5	5321.8
50°	283.7	285.9	328.1	370.0	517.0	663.9	1206.3	1748.6	3152.5	4556.1	5494.5
52.5°	279.6	270.1	316.4	362.7	516.6	670.6	1267.6	1864.7	3349.1	4833.1	5681.5
55°	258.3	245.8	294.3	342.8	508.9	674.6	1340.7	2006.5	3612.9	5218.9	6017.7
57.5°	239.6	228.2	269.3	310.1	485.4	660.6	1416.1	2171.1	3891.8	5612.1	6396.5
60°	214.6	212.0	241.4	270.8	449.0	626.8	1478.2	2329.1	4079.2	5828.9	6542.4
62.5°	194.0	195.5	217.1	238.8	403.4	567.7	1498.7	2429.4	4074.0	5718.6	6395.4
65°	178.2	180.8	202.1	223.4	364.5	505.6	1431.1	2356.3	3867.9	5379.1	6104.8
67.5°	162.8	165.7	191.1	216.0	329.9	443.5	1262.1	2080.4	3497.2	4913.6	5735.2
70°	148.1	151.7	179.3	206.9	305.0	402.7	1044.2	1685.8	3033.1	4380.1	5307.1
72.5°	132.3	135.9	165.3	194.7	289.2	383.2	851.3	1319.1	2461.4	3603.4	4539.6
75°	116.1	118.7	150.6	182.2	267.5	352.7	668.0	982.9	1883.8	2784.7	3428.8
77.5°	99.9	103.2	130.1	156.5	227.1	297.2	503.4	709.5	1382.3	2054.7	2384.6
80°	79.7	82.7	101.8	120.5	175.3	229.6	346.1	462.6	951.3	1439.9	1625.9
82.5°	61.0	64.3	77.2	89.7	124.9	160.2	209.8	259.4	632.0	1004.2	1019.6
85°	41.9	43.0	52.2	61.0	77.2	93.3	120.1	147.0	418.1	689.3	574.3
87.5°	20.9	20.9	27.2	33.4	41.5	49.6	63.6	77.2	133.7	190.3	109.5
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: P320747

CATALOG NUMBER: GAN-SA3A-827-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: P320747

CATALOG NUMBER: GAN-SA3A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8
2.5°	3023.6	3050.4	3077.6	3098.1	3119.1	3149.2	3179.3	3184.9	3190.7	3179.0	3167.2
5°	3062.5	3143.7	3225.3	3300.6	3375.9	3421.1	3466.3	3475.5	3484.7	3456.4	3427.7
7.5°	2918.1	3059.6	3201.0	3330.7	3460.4	3539.1	3618.1	3635.7	3653.7	3607.4	3561.1
10°	2725.2	2899.0	3072.8	3243.6	3414.5	3528.8	3643.0	3665.8	3688.6	3630.9	3573.2
12.5°	2576.0	2761.6	2947.1	3127.2	3307.6	3425.9	3544.2	3572.5	3600.8	3558.9	3516.6
15°	2530.1	2704.6	2879.2	3036.1	3193.3	3289.9	3386.9	3398.3	3410.1	3403.5	3396.9
17.5°	2613.5	2771.1	2929.1	3014.4	3100.0	3138.6	3177.5	3190.0	3202.9	3219.4	3236.3
20°	2815.6	2926.6	3037.9	3034.2	3030.2	3011.4	2992.3	2989.0	2985.7	3033.1	3080.9
22.5°	3117.3	3161.3	3205.8	3102.6	2999.3	2936.5	2873.3	2860.8	2847.9	2898.3	2949.0
25°	3444.6	3436.5	3428.1	3231.5	3034.6	2914.8	2795.0	2781.1	2767.1	2810.1	2853.4
27.5°	3768.7	3715.8	3662.9	3395.8	3128.6	2954.9	2781.1	2767.1	2753.1	2791.3	2829.6
30°	4006.4	3921.6	3836.7	3534.3	3231.9	3025.4	2818.9	2796.1	2773.0	2820.0	2867.0
32.5°	4192.0	4078.1	3964.2	3646.7	3329.3	3105.9	2882.5	2846.8	2811.2	2874.0	2936.8
35°	4377.2	4217.0	4056.4	3747.0	3437.3	3201.0	2964.4	2920.7	2877.0	2963.3	3049.6
37.5°	4610.1	4380.1	4149.7	3859.8	3569.9	3343.6	3116.9	3072.1	3027.2	3137.1	3247.3
40°	4862.9	4556.1	4249.3	3983.3	3717.3	3540.9	3364.2	3321.5	3278.6	3412.3	3546.0
42.5°	5073.1	4720.0	4366.9	4132.1	3896.9	3772.7	3648.2	3647.8	3647.1	3782.7	3918.2
45°	5243.9	4856.7	4469.0	4277.2	4085.1	4020.4	3955.7	4007.5	4059.3	4181.7	4304.4
47.5°	5371.4	4971.3	4570.8	4443.3	4315.8	4325.4	4334.9	4440.4	4545.8	4624.4	4703.4
50°	5454.5	5075.3	4695.7	4656.4	4617.1	4702.7	4788.7	4909.6	5030.8	5084.5	5138.1
52.5°	5575.3	5216.4	4857.0	4901.1	4945.2	5120.1	5295.0	5417.4	5539.7	5559.5	5579.8
55°	5855.0	5475.8	5096.2	5180.7	5265.6	5522.1	5778.9	5874.4	5970.0	5977.3	5984.7
57.5°	6252.1	5839.2	5426.2	5517.3	5608.4	5904.6	6201.1	6304.0	6407.2	6392.9	6378.2
60°	6549.4	6184.2	5818.6	5910.4	6002.3	6291.1	6579.9	6698.2	6816.9	6785.3	6753.7
62.5°	6567.8	6372.7	6177.2	6260.2	6343.6	6626.6	6909.5	7031.1	7152.7	7097.6	7042.5
65°	6275.7	6363.1	6450.6	6478.1	6505.7	6769.5	7033.7	7126.6	7219.9	7192.0	7164.1
67.5°	5873.3	6195.6	6518.2	6462.7	6407.2	6531.0	6654.8	6750.7	6846.6	6830.8	6814.7
70°	5471.7	5902.0	6332.2	6059.6	5786.6	5735.5	5684.5	5787.7	5891.3	5827.4	5763.1
72.5°	4787.9	5246.5	5705.4	5203.1	4700.9	4526.3	4351.8	4483.0	4614.2	4512.4	4410.2
75°	3758.4	4265.1	4772.1	4172.9	3573.6	3340.7	3107.7	3220.5	3333.3	3263.5	3193.3
77.5°	2798.0	3297.3	3796.6	3187.4	2577.9	2404.8	2231.4	2264.8	2298.6	2286.9	2274.7
80°	1897.8	2245.7	2594.0	2188.4	1782.8	1796.0	1809.6	1793.8	1777.6	1801.1	1824.6
82.5°	1211.0	1479.6	1748.6	1533.3	1318.0	1441.4	1564.9	1504.2	1443.3	1465.7	1488.4
85°	691.1	953.8	1216.9	1134.2	1051.2	1123.2	1195.6	1101.5	1007.5	1048.6	1090.2
87.5°	182.2	527.6	873.4	792.9	712.4	619.1	525.8	401.2	276.7	404.2	531.7
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: P320747

CATALOG NUMBER: GAN-SA3A-827-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°	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8	2799.8
2.5°	3161.0	3154.7	3132.3	3109.5	3075.7	3047.8	2999.3
5°	3388.0	3348.4	3280.0	3211.3	3134.9	3047.1	2949.7
7.5°	3468.5	3375.6	3244.4	3112.8	2994.5	2855.6	2726.3
10°	3434.3	3295.1	3124.6	2953.7	2810.1	2650.3	2506.6
12.5°	3368.9	3220.9	3033.1	2845.0	2681.5	2509.9	2349.0
15°	3278.9	3160.6	2984.6	2808.6	2644.0	2477.2	2286.5
17.5°	3180.5	3124.2	2997.1	2869.6	2727.0	2565.4	2341.6
20°	3101.1	3121.7	3071.0	3020.3	2906.0	2764.9	2513.6
22.5°	3047.4	3146.3	3185.2	3224.5	3155.8	3045.6	2755.0
25°	3017.3	3181.2	3311.6	3442.4	3411.9	3327.1	3048.2
27.5°	3030.5	3231.5	3434.0	3636.8	3665.1	3641.6	3357.2
30°	3070.2	3273.8	3520.3	3767.2	3880.0	3911.6	3614.8
32.5°	3136.4	3335.9	3604.5	3873.4	4043.9	4144.6	3850.3
35°	3236.3	3423.0	3702.9	3982.9	4203.4	4387.1	4093.5
37.5°	3407.9	3568.5	3826.8	4085.4	4371.3	4647.2	4361.4
40°	3659.2	3772.7	3991.0	4209.6	4569.3	4941.9	4660.1
42.5°	3976.3	4034.7	4207.8	4380.8	4776.2	5209.4	4952.2
45°	4319.8	4335.3	4444.0	4553.2	4940.1	5391.6	5171.5
47.5°	4650.5	4597.6	4641.0	4684.3	5065.7	5521.7	5338.0
50°	4990.8	4843.4	4820.6	4797.9	5191.4	5674.9	5549.6
52.5°	5336.9	5094.0	5004.0	4913.6	5341.3	5878.1	5813.1
55°	5675.7	5366.6	5245.4	5124.1	5570.6	6126.1	6200.0
57.5°	6028.0	5677.9	5565.4	5453.0	5907.5	6440.3	6547.2
60°	6407.2	6060.3	5970.3	5879.9	6326.4	6779.8	6701.9
62.5°	6766.9	6491.3	6443.9	6396.2	6750.0	7040.6	6641.6
65°	7007.2	6849.9	6894.0	6938.5	7070.4	7105.7	6465.3
67.5°	6846.6	6878.6	7064.9	7251.5	7160.8	6912.4	6117.7
70°	5954.5	6146.3	6587.6	7029.3	6827.9	6394.7	5493.8
72.5°	4625.5	4841.2	5496.3	6151.8	5966.3	5435.7	4512.4
75°	3436.5	3680.2	4403.3	5126.3	4868.8	4066.0	3230.8
77.5°	2437.9	2601.0	3314.9	4029.2	3609.2	2706.5	2174.1
80°	1774.7	1724.7	2122.6	2520.6	2450.7	1790.1	1396.2
82.5°	1366.5	1244.5	1431.9	1619.3	1609.0	1242.3	1024.4
85°	1041.3	992.4	1158.1	1323.8	1182.0	841.4	651.1
87.5°	607.0	682.7	877.8	1073.3	805.4	255.4	126.4
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)