

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: P320545

Luminaire Tested: **GAN-SA1A-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320545
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-SA1A-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 2700K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3587 lumens
Efficiency: N/A
Efficacy: 105.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

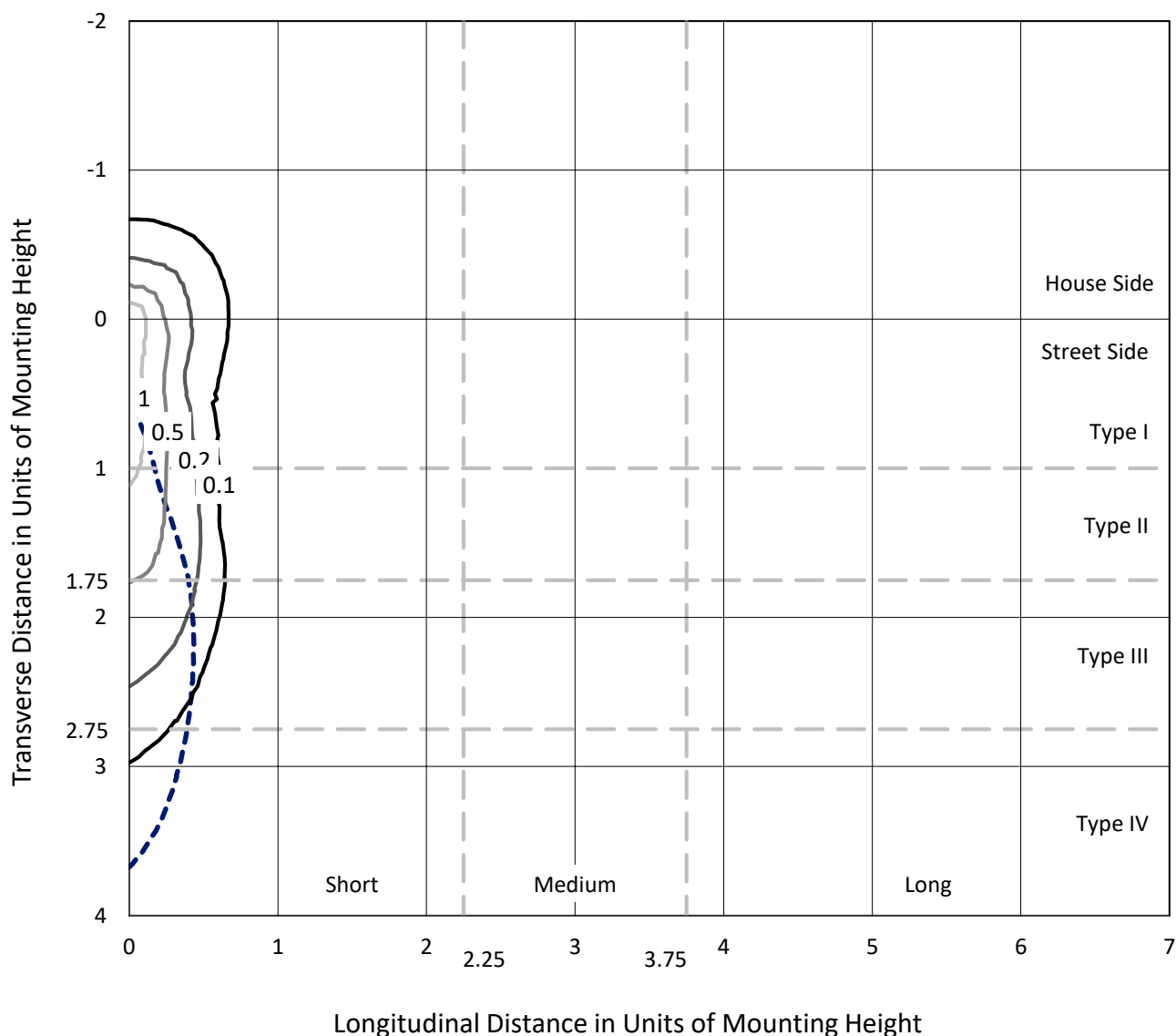
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

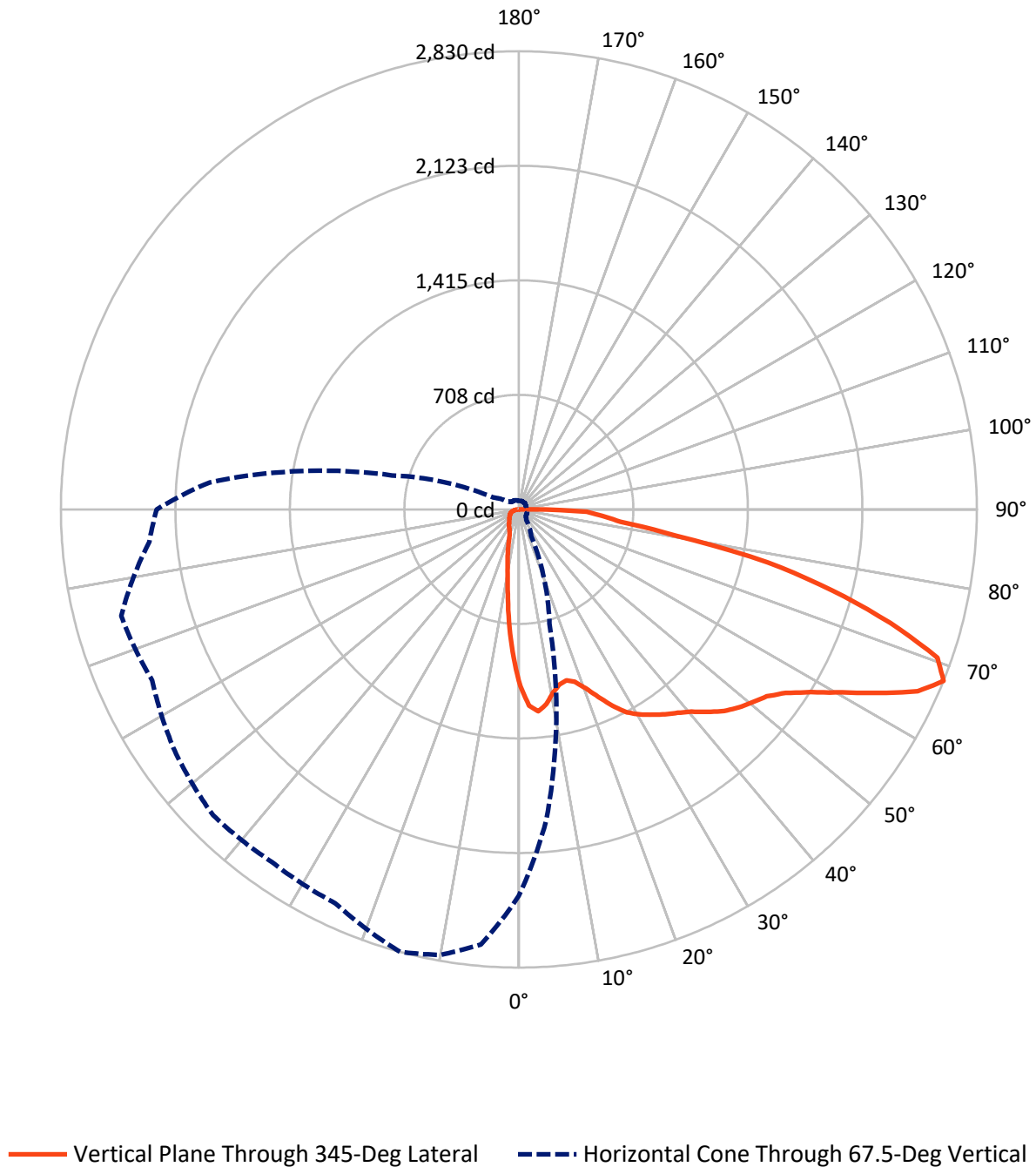
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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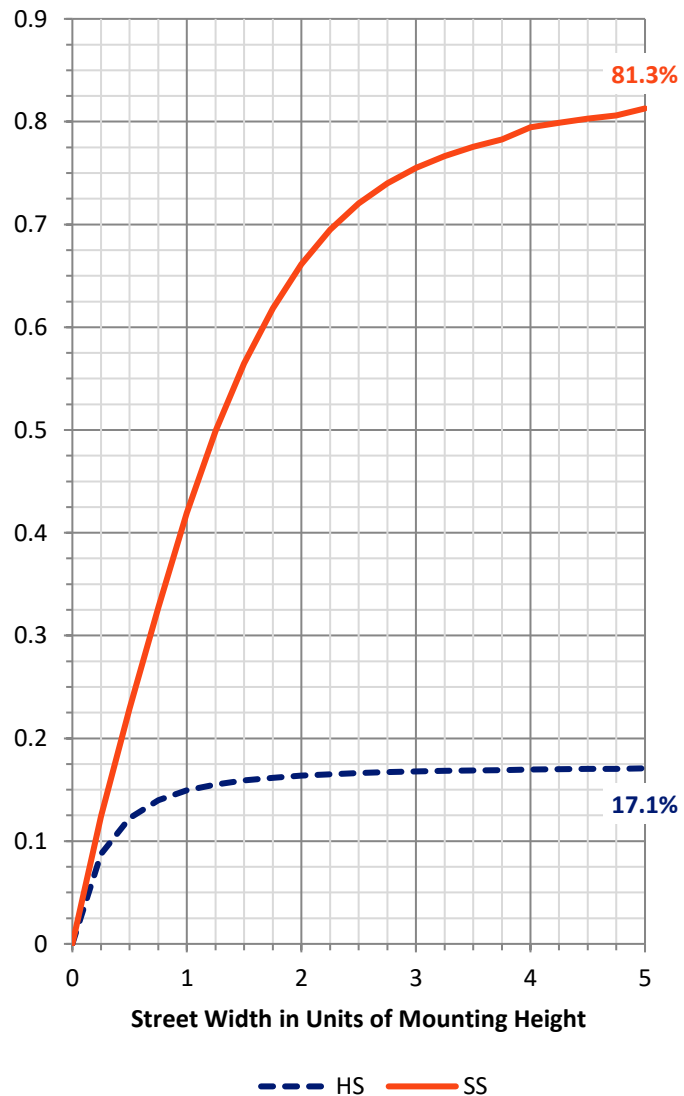
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	620.1	0.0	620.1
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	2966.9	0.0	2966.9
	% Fixture	82.7	0.0	82.7
Total	Lumens	3587.0	0.0	3587.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.3	2.4
10°-20°	175.2	4.9
20°-30°	249.2	6.9
30°-40°	359.1	10.0
40°-50°	506.0	14.1
50°-60°	703.5	19.6
60°-70°	850.7	23.7
70°-80°	522.9	14.6
80°-90°	136.1	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°	3587.0	100.0
0°-180°	3587.0	100.0

Coefficient of Utilization



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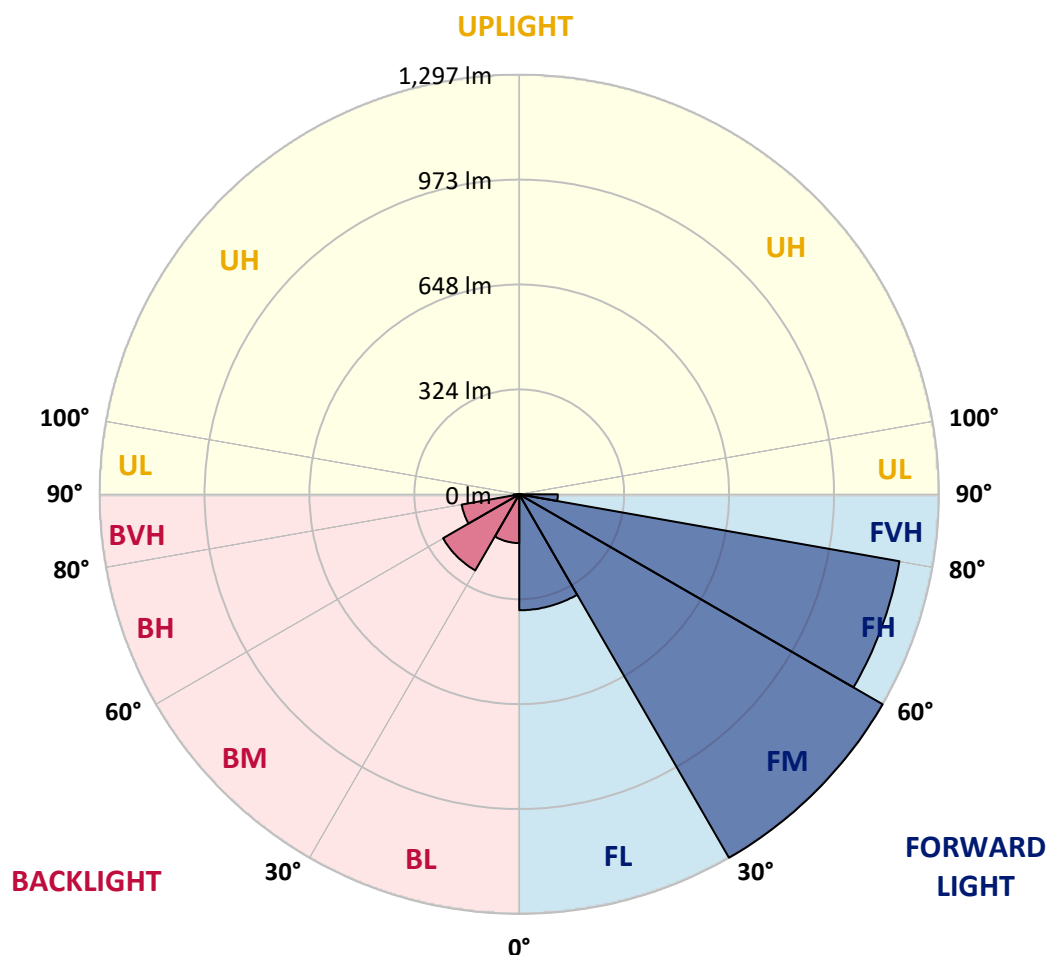
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	358.2	10.0			
FM	(30°-60°)	1296.8	36.2			
FH	(60°-80°)	1192.9	33.3			G1/1800
FVH	(80°-90°)	119.0	3.3			G2/225
BL	(0°-30°)	150.6	4.2	B1/500		
BM	(30°-60°)	271.8	7.6	B1/1000		
BH	(60°-80°)	180.7	5.0	B1/500		G1/500
BVH	(80°-90°)	17.1	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-G2

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
2.5°	1170.7	1160.4	1144.7	1129.1	1117.5	1105.7	1092.4	1079.0	1063.8	1048.5	1039.5
5°	1151.3	1122.6	1085.3	1048.1	1023.4	998.7	970.8	942.8	915.1	887.4	872.5
7.5°	1064.1	1021.1	972.6	924.2	888.3	852.3	813.6	774.7	740.3	705.7	684.4
10°	978.4	926.7	871.1	815.3	769.4	723.5	684.7	645.6	619.7	593.7	574.1
12.5°	916.8	859.6	798.4	737.0	691.1	645.2	620.5	595.9	574.4	552.9	530.2
15°	892.5	827.8	765.1	702.3	660.6	618.8	591.4	563.9	535.1	506.1	478.3
17.5°	914.0	838.2	770.1	702.0	647.4	592.7	554.4	516.0	478.0	440.0	407.7
20°	981.1	884.4	795.4	706.2	633.5	560.7	509.4	457.9	409.2	360.4	323.8
22.5°	1075.3	947.4	831.1	714.8	620.8	526.8	462.4	397.8	340.2	282.5	246.7
25°	1189.8	1030.9	882.6	734.1	615.7	497.1	417.9	338.7	277.9	217.0	191.5
27.5°	1310.4	1130.4	946.5	762.5	616.5	470.5	380.5	290.3	235.5	180.7	163.2
30°	1410.9	1244.1	1021.1	797.9	619.8	441.7	345.2	248.7	203.5	158.3	147.0
32.5°	1502.8	1323.4	1077.3	831.1	623.6	415.9	317.9	219.9	183.0	146.0	136.7
35°	1597.8	1393.8	1116.6	839.3	617.1	394.8	299.3	203.8	169.8	135.7	127.8
37.5°	1702.3	1470.0	1154.5	838.8	606.2	373.6	284.8	195.9	161.2	126.3	120.6
40°	1818.9	1554.2	1195.5	836.8	596.3	355.7	274.1	192.3	156.5	120.5	115.6
42.5°	1932.9	1634.5	1233.6	832.8	588.3	343.6	263.4	183.3	152.2	120.9	114.0
45°	2018.5	1704.6	1266.8	828.8	582.3	335.7	255.1	174.5	148.1	121.8	113.0
47.5°	2083.5	1775.0	1303.5	831.8	581.7	331.6	249.3	166.9	140.5	114.0	110.4
50°	2166.1	1859.6	1357.0	854.3	589.6	324.8	242.4	159.8	133.2	106.7	111.6
52.5°	2268.9	1980.4	1439.9	899.2	606.1	312.9	231.5	150.0	124.3	98.5	106.1
55°	2419.9	2135.1	1545.8	956.4	626.0	295.4	215.0	134.4	112.6	90.6	97.4
57.5°	2555.5	2291.4	1647.5	1003.5	638.5	273.3	194.2	115.0	99.4	83.8	87.6
60°	2615.8	2372.0	1695.1	1018.1	631.0	243.9	170.8	97.5	87.8	78.0	77.3
62.5°	2592.3	2320.8	1648.2	975.6	594.6	213.5	150.2	86.8	79.5	72.0	70.4
65°	2523.5	2159.9	1516.9	873.8	533.1	192.3	137.1	81.9	73.7	65.5	63.8
67.5°	2387.8	1930.9	1330.7	730.5	454.9	179.3	129.6	80.0	70.1	60.1	58.1
70°	2144.3	1655.3	1116.3	577.2	374.3	171.2	124.8	78.3	66.3	54.1	52.2
72.5°	1761.3	1327.1	891.5	455.6	312.9	170.2	124.2	78.2	63.1	48.0	46.3
75°	1261.0	1008.0	680.5	352.8	256.3	159.8	117.9	76.0	58.8	41.4	39.9
77.5°	848.6	697.7	473.0	248.1	190.2	132.2	99.1	66.0	50.3	34.7	33.1
80°	545.0	482.9	316.9	151.0	123.3	95.7	70.8	46.0	36.7	27.2	26.0
82.5°	399.8	359.4	220.3	81.2	68.6	55.8	43.3	30.8	25.1	19.4	18.8
85°	254.1	280.2	162.2	44.2	36.1	28.1	23.2	18.4	14.5	10.6	10.6
87.5°	49.3	68.3	44.9	21.4	15.6	9.9	8.5	6.9	3.9	0.7	0.9
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°	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
2.5°	1030.3	1020.4	1010.5	999.3	988.0	977.5	966.9	955.3	957.4	948.5	939.6
5°	857.6	841.8	825.9	812.1	798.4	786.5	774.4	763.7	773.0	766.7	760.4
7.5°	662.9	643.3	623.7	607.2	590.7	578.0	565.0	556.2	565.3	564.2	563.0
10°	554.4	535.5	516.4	498.2	480.0	464.5	448.9	435.7	433.4	426.8	420.1
12.5°	507.4	481.4	455.3	436.3	417.2	398.7	380.2	364.7	357.7	346.8	335.7
15°	450.5	419.8	389.1	367.4	345.6	327.7	309.6	296.3	291.8	283.4	274.9
17.5°	375.5	341.9	308.3	286.4	264.3	250.0	235.5	226.6	226.6	224.2	221.7
20°	287.3	257.3	227.3	210.5	193.8	186.1	178.4	174.7	175.8	176.0	176.0
22.5°	210.7	192.3	174.0	167.2	160.3	157.6	154.9	153.3	153.9	154.0	154.2
25°	165.9	158.9	151.7	148.3	144.7	143.0	141.3	140.7	142.0	142.1	142.1
27.5°	145.7	141.4	137.0	134.8	132.5	131.8	131.1	130.1	131.4	131.4	131.2
30°	135.5	130.9	126.3	123.6	120.9	121.2	121.3	121.0	121.9	122.5	122.9
32.5°	127.2	122.8	118.3	115.6	112.7	112.3	111.9	111.6	113.4	114.4	115.4
35°	119.7	114.9	110.0	107.4	104.8	103.8	102.8	102.1	103.8	105.1	106.4
37.5°	114.7	109.7	104.5	102.1	99.5	98.2	96.9	96.1	96.8	97.4	98.0
40°	110.7	105.6	100.2	97.4	94.5	93.2	91.9	91.2	91.6	91.8	91.9
42.5°	107.0	102.0	96.9	93.8	90.5	88.9	87.3	86.5	86.8	87.1	87.2
45°	104.3	99.2	94.1	90.3	86.5	84.8	83.0	82.0	82.2	82.2	82.2
47.5°	106.8	99.5	92.1	87.8	83.3	81.3	79.3	78.3	78.0	77.7	77.4
50°	116.3	103.8	91.2	85.8	80.2	78.0	75.7	74.6	73.9	73.6	73.3
52.5°	113.6	102.8	91.9	84.9	77.7	75.1	72.6	70.7	70.0	69.6	69.1
55°	104.0	97.2	90.3	81.9	73.4	71.1	68.7	67.4	66.1	65.8	65.5
57.5°	91.4	88.6	85.9	77.3	68.7	66.5	64.2	63.4	62.2	62.2	62.1
60°	76.4	80.5	84.5	74.6	64.5	62.1	59.7	58.9	58.5	58.4	58.2
62.5°	68.7	75.3	81.7	71.3	60.7	58.1	55.5	54.6	54.5	54.6	54.6
65°	62.1	64.1	66.1	61.2	56.4	53.8	51.1	50.2	50.5	50.9	51.3
67.5°	56.1	55.6	55.2	53.5	51.6	49.5	47.2	46.3	46.5	47.0	47.6
70°	50.3	49.8	49.0	47.8	46.5	44.6	42.7	42.2	42.0	42.7	43.3
72.5°	44.6	43.9	43.0	42.0	40.9	39.3	37.7	37.3	37.4	37.9	38.3
75°	38.3	37.7	37.0	36.1	35.1	33.7	32.3	32.0	32.3	32.7	33.1
77.5°	31.4	31.3	31.0	30.3	29.5	28.0	26.2	26.1	26.5	27.0	27.2
80°	24.5	24.7	24.8	24.2	23.7	21.9	20.1	19.9	20.4	20.8	21.2
82.5°	18.1	18.5	18.8	18.1	17.4	15.3	13.3	13.1	14.5	14.9	15.3
85°	10.5	11.0	11.6	11.0	10.5	8.5	6.5	6.3	7.6	8.3	9.0
87.5°	0.9	1.1	1.4	1.3	1.1	0.6	0.0	0.0	0.1	0.7	1.3
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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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: P320545

CATALOG NUMBER: GAN-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
2.5°	934.0	928.5	926.7	925.0	918.7	912.2	918.8	925.3	928.0	930.7	923.7
5°	759.5	758.5	758.5	758.4	752.6	746.7	751.2	755.5	745.9	736.3	735.3
7.5°	569.2	575.4	580.4	585.3	583.4	581.5	585.7	589.9	577.7	565.3	559.3
10°	421.5	422.8	428.2	433.7	435.0	436.1	441.3	446.3	436.8	427.4	423.2
12.5°	328.8	322.0	322.7	323.3	325.8	328.3	333.7	339.0	335.2	331.1	331.6
15°	266.3	257.6	254.0	250.3	253.1	256.0	259.9	263.6	263.7	263.7	267.5
17.5°	217.4	213.0	209.4	205.7	209.5	213.3	213.7	214.1	214.3	214.4	214.1
20°	178.1	180.3	179.1	178.0	179.4	180.7	181.8	182.9	181.6	180.1	176.5
22.5°	156.2	158.0	159.5	160.8	163.2	165.5	164.4	163.1	160.5	157.8	155.0
25°	143.4	144.7	146.1	147.6	149.6	151.4	149.4	147.4	145.6	143.7	141.8
27.5°	132.7	133.9	135.2	136.4	138.2	140.0	138.1	136.2	134.7	133.1	131.7
30°	123.9	124.8	125.8	126.8	128.5	130.1	128.5	126.8	125.6	124.3	123.3
32.5°	116.5	117.3	117.7	118.2	119.7	121.3	120.2	119.0	118.0	117.0	116.3
35°	108.3	110.0	110.3	110.6	112.1	113.7	113.0	112.1	111.0	109.9	108.6
37.5°	100.0	102.0	103.1	104.1	105.7	107.3	106.6	105.8	104.3	102.7	100.4
40°	92.9	93.8	95.9	98.0	100.5	103.0	101.5	100.0	97.5	95.1	93.9
42.5°	87.1	86.9	88.9	90.9	94.8	98.5	95.9	93.4	91.1	88.8	88.5
45°	81.9	81.5	82.5	83.5	87.6	91.6	89.1	86.3	85.0	83.8	83.8
47.5°	77.3	77.0	77.7	78.3	80.9	83.3	82.0	80.7	80.0	79.3	79.5
50°	73.1	72.9	73.6	74.1	75.1	76.0	76.3	76.4	76.0	75.6	75.9
52.5°	69.3	69.3	69.6	69.7	71.0	72.3	72.3	72.1	72.1	72.1	72.4
55°	66.0	66.3	66.3	66.3	68.3	70.1	69.6	69.0	69.1	69.1	69.4
57.5°	62.7	63.1	63.4	63.7	65.7	67.7	67.1	66.5	66.5	66.5	66.7
60°	58.9	59.5	60.1	60.7	62.7	64.7	64.1	63.4	63.5	63.7	63.8
62.5°	55.4	55.9	56.5	57.1	59.1	61.1	60.5	59.8	60.2	60.5	60.5
65°	51.9	52.3	52.9	53.5	55.4	57.2	56.6	56.1	56.6	57.1	57.4
67.5°	48.0	48.3	48.9	49.5	51.3	53.2	52.6	51.9	52.6	53.2	53.8
70°	43.6	43.9	44.6	45.2	47.0	48.9	48.2	47.5	48.2	48.9	49.5
72.5°	38.7	39.0	39.7	40.3	42.5	44.6	43.7	42.9	43.7	44.6	44.9
75°	33.4	33.7	34.6	35.3	37.4	39.6	38.9	38.0	38.7	39.4	39.6
77.5°	27.7	28.1	29.3	30.4	32.1	33.8	33.4	33.0	33.4	33.8	33.8
80°	21.7	22.1	23.5	24.8	25.8	26.8	27.0	27.1	27.2	27.4	27.2
82.5°	16.1	16.6	17.9	19.2	19.2	19.2	20.4	21.4	21.4	21.2	21.1
85°	9.9	10.6	11.8	12.9	12.2	11.5	13.3	15.1	15.1	14.9	14.6
87.5°	2.0	2.7	3.9	4.9	4.2	3.4	5.3	7.2	7.3	7.3	7.0
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: P320545
 CATALOG NUMBER: GAN-SA1A-727-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: P320545

CATALOG NUMBER: GAN-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
2.5°	916.6	927.7	938.8	941.6	945.9	947.8	949.5	963.6	977.5	993.8	1010.2
5°	734.1	742.4	750.8	752.1	756.5	758.8	761.1	778.2	795.1	817.9	840.7
7.5°	553.3	555.3	557.3	557.0	560.7	565.8	570.6	588.9	606.9	631.4	655.8
10°	419.1	423.6	428.1	432.2	440.4	449.9	459.2	477.9	496.5	520.7	544.8
12.5°	332.0	337.3	342.5	347.1	356.5	369.1	381.6	404.0	426.4	455.3	484.2
15°	271.0	270.6	270.2	273.3	281.7	295.4	309.1	332.7	356.4	388.2	419.9
17.5°	213.8	211.7	209.5	212.0	219.7	231.0	242.2	262.3	282.2	313.1	343.9
20°	173.0	171.5	170.1	172.4	177.3	182.0	186.7	201.2	215.5	240.6	265.6
22.5°	152.2	152.0	151.7	153.0	155.3	157.8	160.0	167.1	174.0	190.2	206.2
25°	140.0	139.8	139.7	140.3	142.1	144.0	145.9	150.4	155.0	162.8	170.5
27.5°	130.2	129.9	129.6	129.8	130.2	133.1	135.8	138.0	140.0	145.3	150.4
30°	122.3	122.2	122.0	122.0	121.6	122.6	123.6	126.9	130.1	135.5	141.0
32.5°	115.6	114.9	114.2	112.6	111.6	113.0	114.4	117.9	121.3	126.3	131.4
35°	107.1	105.3	103.3	102.4	102.5	104.0	105.4	108.9	112.1	117.6	122.9
37.5°	98.0	97.4	96.7	96.5	96.9	98.4	99.8	102.8	105.7	111.1	116.5
40°	92.8	92.5	92.2	91.9	92.2	93.6	95.1	98.0	100.7	106.0	111.1
42.5°	88.2	88.1	87.9	87.9	88.1	89.6	91.2	94.1	96.8	101.5	106.3
45°	83.8	83.9	83.9	84.2	84.6	86.2	87.6	90.8	93.9	98.5	103.1
47.5°	79.6	80.0	80.3	81.0	81.5	83.2	84.8	88.2	91.6	97.4	103.0
50°	76.0	76.4	76.7	77.3	78.4	80.5	82.5	86.6	90.6	100.2	109.7
52.5°	72.7	73.1	73.6	74.1	75.6	77.9	80.2	85.3	90.3	101.5	112.7
55°	69.7	70.1	70.4	71.3	72.7	74.7	76.6	82.9	89.2	97.4	105.6
57.5°	66.8	67.3	67.5	68.1	68.8	71.0	73.0	79.7	86.5	92.2	97.8
60°	63.8	64.1	64.2	64.2	64.8	67.3	69.7	78.3	86.8	85.8	84.6
62.5°	60.5	60.8	61.0	60.5	61.2	63.8	66.4	77.6	88.8	81.9	75.0
65°	57.5	57.4	57.2	56.8	57.7	60.2	62.7	68.3	73.9	71.1	68.4
67.5°	54.2	53.8	53.3	52.8	53.6	55.9	58.1	59.9	61.8	62.1	62.4
70°	50.1	49.5	48.9	48.8	49.2	51.1	52.9	54.2	55.4	55.9	56.4
72.5°	45.2	44.7	44.3	44.0	44.2	45.7	47.2	48.3	49.5	49.9	50.2
75°	39.7	39.7	39.6	38.7	38.7	40.0	41.2	42.2	43.2	43.7	44.3
77.5°	33.8	34.0	34.0	32.8	32.7	34.0	35.1	36.0	36.7	37.3	37.7
80°	27.1	26.8	26.5	25.8	25.5	27.1	28.5	29.3	29.8	30.0	30.0
82.5°	20.8	20.2	19.5	17.9	18.1	19.8	21.4	21.9	22.5	22.5	22.5
85°	14.2	13.1	11.8	10.5	10.6	12.5	14.2	14.8	15.3	15.6	15.8
87.5°	6.7	5.6	4.3	3.3	3.3	4.9	6.3	6.6	6.9	7.5	8.0
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: P320545

CATALOG NUMBER: GAN-SA1A-727-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: P320545

CATALOG NUMBER: GAN-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
2.5°	1022.7	1035.0	1047.8	1060.5	1075.2	1089.8	1106.9	1123.8	1138.3	1152.8	1164.8
5°	860.3	880.0	903.1	926.2	955.6	985.0	1021.0	1056.8	1088.8	1120.8	1157.9
7.5°	681.5	707.0	737.1	767.3	805.3	843.3	889.9	936.5	981.7	1026.7	1083.8
10°	571.6	598.5	628.1	657.7	696.4	735.0	784.3	833.5	884.3	934.9	999.4
12.5°	514.0	543.7	569.8	595.9	627.3	658.6	706.3	754.1	813.7	873.2	935.3
15°	452.5	484.9	516.1	547.4	581.7	615.8	662.3	708.7	774.0	839.3	910.7
17.5°	378.0	412.2	450.3	488.3	533.1	577.7	637.2	696.7	774.0	851.2	935.3
20°	300.4	335.3	380.9	426.5	482.2	537.7	614.8	692.0	796.1	900.1	1007.5
22.5°	237.1	267.8	317.5	367.1	431.4	495.6	594.6	693.4	829.5	965.5	1110.4
25°	192.2	213.8	262.7	311.5	385.6	459.8	582.3	704.6	878.1	1051.5	1231.3
27.5°	164.6	178.8	224.4	269.9	350.9	431.8	577.2	722.5	939.8	1157.1	1362.9
30°	150.9	160.8	199.3	237.8	320.1	402.4	571.2	740.0	999.2	1258.2	1465.7
32.5°	139.4	147.3	180.3	213.1	293.4	373.7	559.6	745.3	1040.6	1335.9	1552.7
35°	129.6	136.2	164.9	193.6	272.5	351.4	540.1	728.8	1066.6	1404.3	1643.4
37.5°	121.8	126.9	153.5	180.0	254.4	328.8	517.9	706.9	1089.6	1472.4	1745.3
40°	115.6	120.0	144.8	169.7	237.2	304.8	498.8	692.7	1121.5	1550.3	1853.0
42.5°	112.1	117.9	137.4	156.8	220.9	285.0	483.4	681.9	1151.0	1620.0	1947.3
45°	111.3	119.5	133.5	147.6	208.7	269.8	469.8	669.7	1170.1	1670.5	2018.2
47.5°	109.9	116.6	130.5	144.4	202.6	260.7	462.5	664.1	1189.2	1714.1	2077.2
50°	110.7	111.6	128.1	144.4	201.8	259.1	470.8	682.5	1230.5	1778.3	2144.6
52.5°	109.1	105.4	123.5	141.5	201.6	261.7	494.8	727.8	1307.2	1886.5	2217.6
55°	100.8	95.9	114.9	133.8	198.6	263.3	523.3	783.2	1410.2	2037.0	2348.8
57.5°	93.5	89.1	105.1	121.0	189.4	257.9	552.7	847.4	1519.0	2190.5	2496.7
60°	83.8	82.7	94.2	105.7	175.3	244.7	576.9	909.1	1592.2	2275.1	2553.6
62.5°	75.7	76.3	84.8	93.2	157.5	221.6	585.0	948.2	1590.2	2232.1	2496.2
65°	69.6	70.6	78.9	87.2	142.3	197.3	558.6	919.7	1509.7	2099.6	2382.8
67.5°	63.5	64.7	74.6	84.3	128.8	173.1	492.6	812.0	1365.0	1917.9	2238.5
70°	57.8	59.2	70.0	80.7	119.0	157.2	407.6	658.0	1183.9	1709.6	2071.5
72.5°	51.6	53.1	64.5	76.0	112.9	149.6	332.3	514.9	960.7	1406.4	1771.9
75°	45.3	46.3	58.8	71.1	104.4	137.7	260.7	383.6	735.3	1086.9	1338.3
77.5°	39.0	40.3	50.8	61.1	88.6	116.0	196.5	276.9	539.5	802.0	930.7
80°	31.1	32.3	39.7	47.0	68.4	89.6	135.1	180.6	371.3	562.0	634.6
82.5°	23.8	25.1	30.1	35.0	48.8	62.5	81.9	101.2	246.7	391.9	398.0
85°	16.3	16.8	20.4	23.8	30.1	36.4	46.9	57.4	163.2	269.0	224.2
87.5°	8.2	8.2	10.6	13.1	16.2	19.4	24.8	30.1	52.2	74.3	42.7
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: P320545
 CATALOG NUMBER: GAN-SA1A-727-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: P320545

CATALOG NUMBER: GAN-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
2.5°	1180.1	1190.6	1201.2	1209.3	1217.4	1229.2	1240.9	1243.1	1245.4	1240.8	1236.2
5°	1195.3	1227.0	1258.9	1288.3	1317.7	1335.3	1353.0	1356.5	1360.1	1349.1	1337.9
7.5°	1139.0	1194.2	1249.4	1300.0	1350.7	1381.4	1412.2	1419.1	1426.1	1408.0	1390.0
10°	1063.7	1131.5	1199.4	1266.0	1332.7	1377.3	1421.9	1430.8	1439.7	1417.2	1394.7
12.5°	1005.5	1077.9	1150.3	1220.6	1291.0	1337.2	1383.4	1394.4	1405.4	1389.1	1372.6
15°	987.5	1055.7	1123.8	1185.0	1246.4	1284.1	1322.0	1326.4	1331.0	1328.4	1325.8
17.5°	1020.1	1081.6	1143.3	1176.6	1210.0	1225.0	1240.2	1245.1	1250.1	1256.6	1263.2
20°	1099.0	1142.3	1185.7	1184.3	1182.7	1175.4	1168.0	1166.7	1165.4	1183.9	1202.5
22.5°	1216.7	1233.9	1251.3	1211.0	1170.7	1146.2	1121.5	1116.6	1111.6	1131.2	1151.0
25°	1344.5	1341.3	1338.0	1261.3	1184.4	1137.7	1090.9	1085.5	1080.0	1096.8	1113.7
27.5°	1471.0	1450.3	1429.7	1325.4	1221.2	1153.3	1085.5	1080.0	1074.6	1089.5	1104.4
30°	1563.8	1530.6	1497.5	1379.5	1261.5	1180.9	1100.3	1091.4	1082.3	1100.7	1119.0
32.5°	1636.2	1591.7	1547.3	1423.4	1299.5	1212.3	1125.1	1111.2	1097.3	1121.8	1146.3
35°	1708.5	1645.9	1583.3	1462.5	1341.6	1249.4	1157.1	1140.0	1122.9	1156.6	1190.3
37.5°	1799.4	1709.6	1619.7	1506.5	1393.4	1305.1	1216.6	1199.1	1181.6	1224.5	1267.5
40°	1898.1	1778.3	1658.6	1554.7	1450.9	1382.1	1313.1	1296.5	1279.7	1331.9	1384.1
42.5°	1980.1	1842.3	1704.5	1612.8	1521.0	1472.6	1423.9	1423.8	1423.5	1476.4	1529.4
45°	2046.8	1895.6	1744.3	1669.5	1594.5	1569.2	1544.0	1564.2	1584.4	1632.2	1680.1
47.5°	2096.5	1940.4	1784.1	1734.3	1684.5	1688.3	1692.0	1733.1	1774.3	1805.0	1835.8
50°	2129.0	1981.0	1832.8	1817.5	1802.1	1835.5	1869.1	1916.3	1963.6	1984.5	2005.5
52.5°	2176.1	2036.0	1895.8	1913.0	1930.2	1998.5	2066.7	2114.5	2162.2	2170.0	2177.9
55°	2285.3	2137.3	1989.1	2022.1	2055.2	2155.3	2255.6	2292.9	2330.2	2333.0	2335.9
57.5°	2440.3	2279.1	2117.9	2153.5	2189.1	2304.6	2420.4	2460.5	2500.8	2495.2	2489.5
60°	2556.3	2413.8	2271.1	2306.9	2342.8	2455.5	2568.2	2614.4	2660.7	2648.4	2636.1
62.5°	2563.5	2487.3	2411.1	2443.5	2476.0	2586.4	2696.9	2744.3	2791.8	2770.3	2748.8
65°	2449.5	2483.6	2517.8	2528.5	2539.3	2642.2	2745.3	2781.6	2818.1	2807.2	2796.3
67.5°	2292.5	2418.2	2544.1	2522.5	2500.8	2549.2	2597.5	2634.9	2672.4	2666.2	2659.9
70°	2135.7	2303.6	2471.6	2365.2	2258.6	2238.7	2218.7	2259.0	2299.5	2274.5	2249.4
72.5°	1868.8	2047.8	2226.9	2030.9	1834.8	1766.7	1698.6	1749.8	1801.0	1761.3	1721.4
75°	1467.0	1664.7	1862.6	1628.7	1394.8	1303.9	1213.0	1257.0	1301.0	1273.8	1246.4
77.5°	1092.1	1287.0	1481.9	1244.1	1006.2	938.6	870.9	884.0	897.2	892.6	887.9
80°	740.7	876.5	1012.5	854.2	695.8	701.0	706.3	700.1	693.8	703.0	712.2
82.5°	472.7	577.5	682.5	598.5	514.4	562.6	610.8	587.1	563.3	572.1	581.0
85°	269.8	372.3	475.0	442.7	410.3	438.4	466.7	430.0	393.2	409.3	425.5
87.5°	71.1	205.9	340.9	309.5	278.1	241.7	205.2	156.6	108.0	157.8	207.5
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: P320545
 CATALOG NUMBER: GAN-SA1A-727-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°	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8	1092.8
2.5°	1233.8	1231.3	1222.6	1213.7	1200.5	1189.6	1170.7
5°	1322.4	1306.9	1280.2	1253.4	1223.6	1189.3	1151.3
7.5°	1353.8	1317.5	1266.3	1215.0	1168.8	1114.6	1064.1
10°	1340.5	1286.1	1219.6	1152.9	1096.8	1034.4	978.4
12.5°	1315.0	1257.2	1183.9	1110.4	1046.6	979.7	916.8
15°	1279.8	1233.6	1164.9	1096.2	1032.0	966.9	892.5
17.5°	1241.4	1219.4	1169.8	1120.1	1064.4	1001.3	914.0
20°	1210.4	1218.4	1198.6	1178.9	1134.3	1079.2	981.1
22.5°	1189.5	1228.0	1243.2	1258.6	1231.8	1188.7	1075.3
25°	1177.7	1241.7	1292.6	1343.6	1331.7	1298.6	1189.8
27.5°	1182.9	1261.3	1340.3	1419.5	1430.5	1421.4	1310.4
30°	1198.4	1277.8	1374.0	1470.4	1514.4	1526.8	1410.9
32.5°	1224.2	1302.0	1406.9	1511.9	1578.4	1617.7	1502.8
35°	1263.2	1336.0	1445.3	1554.6	1640.6	1712.3	1597.8
37.5°	1330.2	1392.8	1493.6	1594.6	1706.2	1813.9	1702.3
40°	1428.2	1472.6	1557.7	1643.1	1783.5	1928.9	1818.9
42.5°	1552.0	1574.8	1642.4	1709.9	1864.2	2033.3	1932.9
45°	1686.1	1692.1	1734.6	1777.2	1928.2	2104.4	2018.5
47.5°	1815.2	1794.5	1811.4	1828.4	1977.2	2155.2	2083.5
50°	1948.0	1890.5	1881.6	1872.7	2026.3	2215.0	2166.1
52.5°	2083.1	1988.3	1953.1	1917.9	2084.8	2294.3	2268.9
55°	2215.3	2094.7	2047.4	2000.0	2174.3	2391.1	2419.9
57.5°	2352.8	2216.2	2172.3	2128.4	2305.8	2513.7	2555.5
60°	2500.8	2365.4	2330.3	2295.0	2469.3	2646.3	2615.8
62.5°	2641.2	2533.7	2515.2	2496.5	2634.6	2748.1	2592.3
65°	2735.0	2673.6	2690.9	2708.2	2759.7	2773.5	2523.5
67.5°	2672.4	2684.8	2757.5	2830.4	2795.0	2698.0	2387.8
70°	2324.1	2399.0	2571.2	2743.6	2665.0	2496.0	2144.3
72.5°	1805.4	1889.6	2145.3	2401.2	2328.7	2121.6	1761.3
75°	1341.3	1436.4	1718.7	2000.9	1900.4	1587.0	1261.0
77.5°	951.5	1015.2	1293.9	1572.7	1408.7	1056.4	848.6
80°	692.7	673.2	828.5	983.8	956.6	698.7	545.0
82.5°	533.4	485.7	558.9	632.0	628.0	484.9	399.8
85°	406.4	387.4	452.0	516.7	461.4	328.4	254.1
87.5°	236.9	266.5	342.6	418.9	314.4	99.7	49.3
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)