

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: P320748

Luminaire Tested: **GAN-SA4A-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320748
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA4A-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 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: 12144 lumens
Efficiency: N/A
Efficacy: 94.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

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

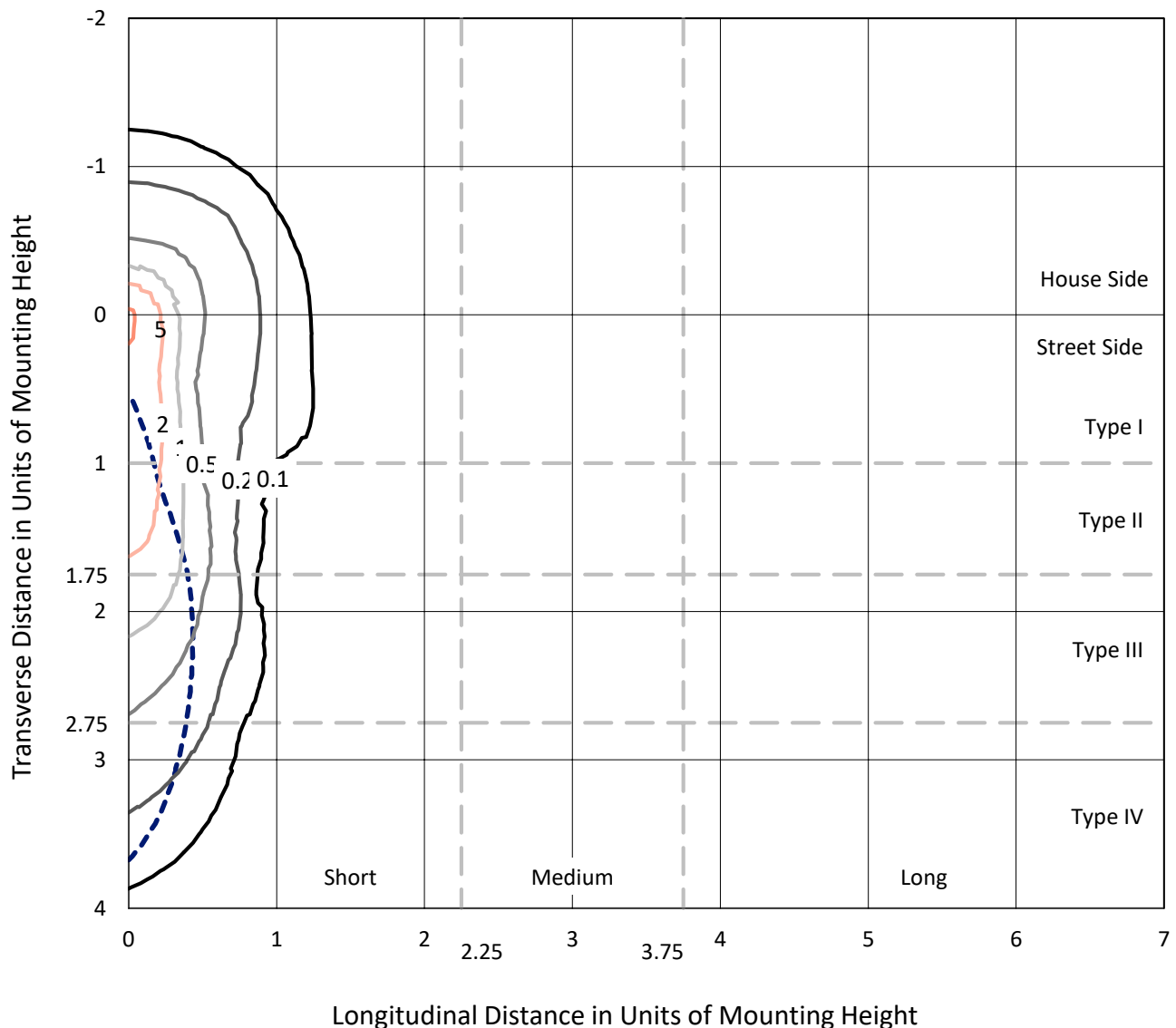


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Iso-Footcandle Lines of Horizontal Illumination

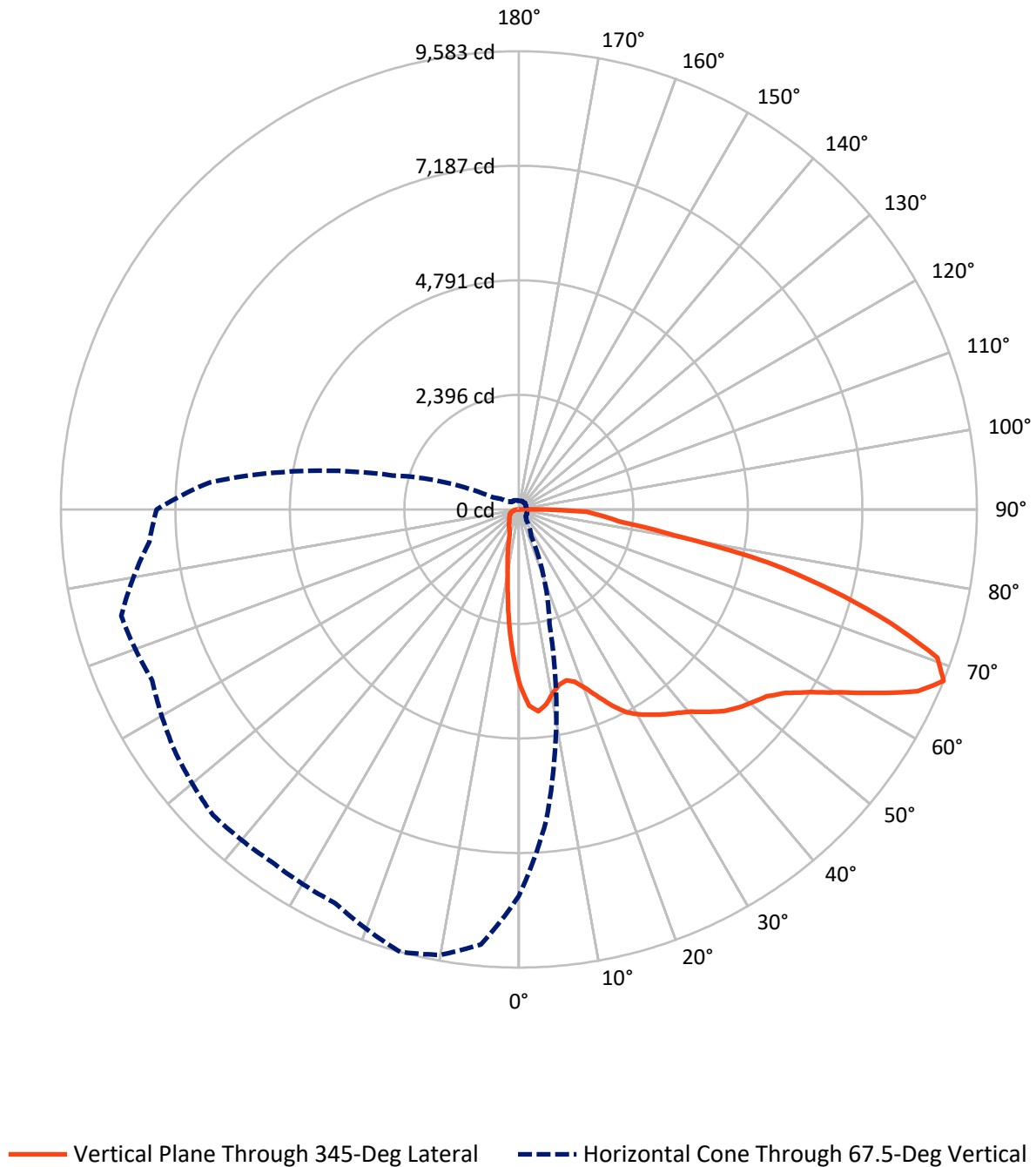
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.9 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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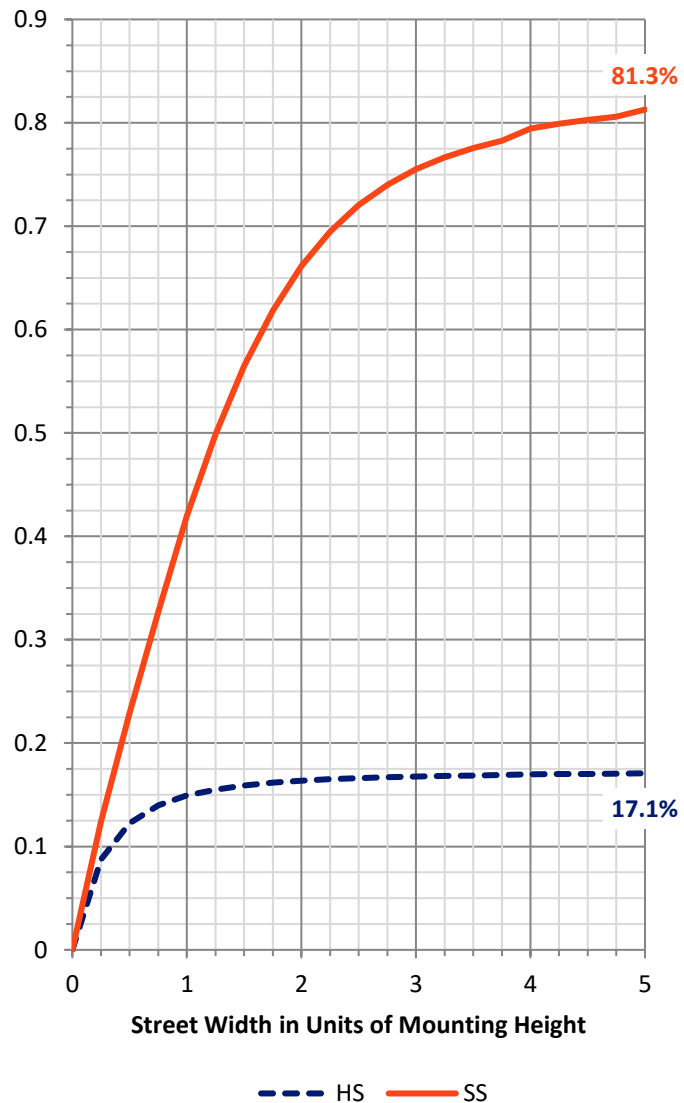
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2099.4	0.0	2099.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	10044.6	0.0	10044.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	12144.0	0.0	12144.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.5	2.4
10°-20°	593.2	4.9
20°-30°	843.6	6.9
30°-40°	1215.7	10.0
40°-50°	1713.2	14.1
50°-60°	2381.7	19.6
60°-70°	2880.1	23.7
70°-80°	1770.4	14.6
80°-90°	460.7	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	12144.0	100.0
0°-180°	12144.0	100.0

Coefficient of Utilization



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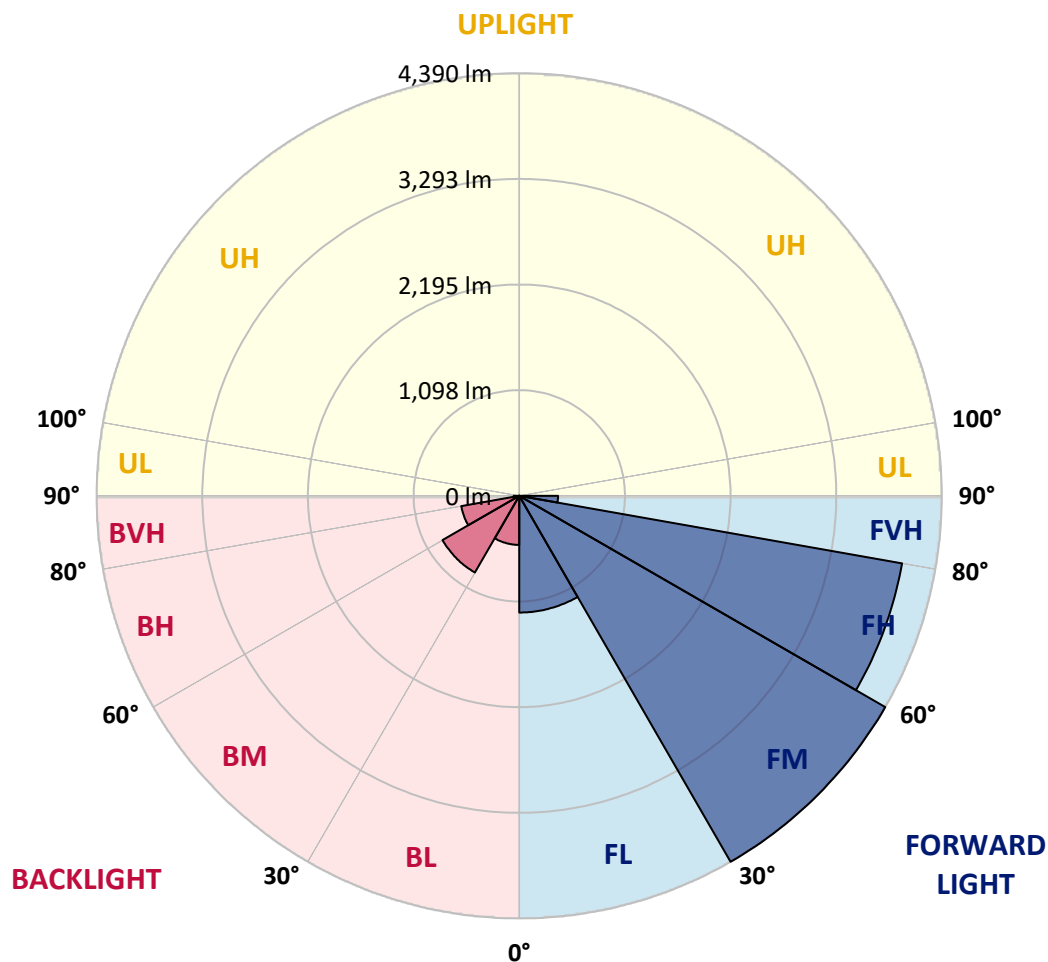
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1212.6	10.0			
FM	(30°-60°)	4390.4	36.2			
FH	(60°-80°)	4038.7	33.3			G2/5000
FVH	(80°-90°)	402.9	3.3			G3/500
BL	(0°-30°)	509.7	4.2	B2/1000		
BM	(30°-60°)	920.2	7.6	B1/1000		
BH	(60°-80°)	611.8	5.0	B2/1000		G2/1000
BVH	(80°-90°)	57.7	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8
2.5°	3963.4	3928.4	3875.5	3822.6	3783.3	3743.5	3698.3	3653.1	3601.7	3549.7	3519.1
5°	3897.9	3800.7	3674.5	3548.3	3464.8	3381.2	3286.6	3191.9	3098.2	3004.5	2954.0
7.5°	3602.6	3457.0	3292.9	3128.8	3007.4	2885.5	2754.4	2622.8	2506.3	2389.3	2317.0
10°	3312.3	3137.5	2949.1	2760.2	2604.9	2449.5	2317.9	2185.9	2098.0	2010.1	1943.6
12.5°	3104.0	2910.3	2703.0	2495.1	2339.8	2184.4	2100.9	2017.4	1944.6	1871.7	1795.0
15°	3021.5	2802.5	2590.3	2377.7	2236.4	2095.1	2002.3	1909.1	1811.5	1713.4	1619.2
17.5°	3094.3	2837.9	2607.3	2376.7	2191.7	2006.7	1877.1	1746.9	1618.3	1489.6	1380.4
20°	3321.5	2994.3	2692.8	2390.8	2144.6	1898.4	1724.6	1550.3	1385.2	1220.1	1096.3
22.5°	3640.5	3207.4	2813.7	2419.9	2101.9	1783.4	1565.4	1346.9	1151.7	956.5	835.1
25°	4028.0	3490.0	2988.0	2485.4	2084.4	1682.9	1414.8	1146.8	941.0	734.6	648.2
27.5°	4436.3	3827.0	3204.5	2581.6	2087.3	1593.0	1288.1	982.7	797.2	611.8	552.5
30°	4776.7	4212.0	3457.0	2701.5	2098.5	1495.4	1168.7	841.9	689.0	536.0	497.7
32.5°	5087.9	4480.5	3647.3	2813.7	2111.1	1408.0	1076.4	744.3	619.5	494.3	462.7
35°	5409.3	4718.9	3780.4	2841.3	2089.2	1336.7	1013.3	689.9	574.9	459.3	432.6
37.5°	5763.3	4976.7	3908.5	2839.9	2052.3	1264.8	964.3	663.2	545.7	427.8	408.3
40°	6158.0	5261.7	4047.4	2833.1	2018.8	1204.1	927.9	651.1	529.7	407.8	391.3
42.5°	6544.0	5533.6	4176.5	2819.5	1991.7	1163.3	891.9	620.5	515.1	409.3	386.0
45°	6833.9	5771.0	4288.7	2805.9	1971.3	1136.6	863.8	590.9	501.6	412.2	382.6
47.5°	7053.8	6009.4	4413.0	2816.1	1969.3	1122.5	843.9	565.2	475.8	386.0	373.9
50°	7333.5	6295.9	4594.1	2892.3	1996.0	1099.7	820.5	540.9	451.1	361.2	377.7
52.5°	7681.6	6704.7	4874.7	3044.3	2051.9	1059.4	783.6	507.9	421.0	333.6	359.3
55°	8192.9	7228.6	5233.5	3238.0	2119.3	1000.2	727.8	454.9	381.1	306.9	329.7
57.5°	8651.7	7757.8	5577.8	3397.3	2161.6	925.4	657.4	389.4	336.5	283.6	296.7
60°	8856.1	8030.7	5739.0	3446.8	2136.3	825.9	578.3	330.2	297.1	264.1	261.7
62.5°	8776.5	7857.4	5580.2	3303.1	2013.0	723.0	508.4	293.7	269.0	243.7	238.4
65°	8543.4	7312.6	5135.5	2958.3	1804.7	651.1	464.2	277.2	249.6	221.9	216.1
67.5°	8084.1	6537.2	4505.3	2473.3	1540.1	606.9	438.9	270.9	237.4	203.4	196.6
70°	7259.7	5604.0	3779.4	1954.3	1267.2	579.7	422.4	265.1	224.3	183.0	176.7
72.5°	5962.8	4493.1	3018.1	1542.5	1059.4	576.3	420.5	264.6	213.6	162.7	156.8
75°	4269.3	3412.8	2303.8	1194.4	867.6	540.9	399.1	257.3	199.1	140.3	135.0
77.5°	2872.9	2362.1	1601.3	840.0	643.8	447.7	335.5	223.3	170.4	117.5	112.2
80°	1845.0	1634.8	1073.0	511.3	417.6	323.8	239.9	155.9	124.3	92.3	87.9
82.5°	1353.7	1216.7	745.8	274.8	232.1	188.9	146.6	104.4	85.0	65.5	63.6
85°	860.4	948.7	549.1	149.5	122.4	95.2	78.7	62.1	49.0	35.9	35.9
87.5°	167.0	231.1	152.0	72.3	52.9	33.5	28.6	23.3	13.1	2.4	2.9
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°	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8
2.5°	3488.1	3454.6	3421.1	3383.2	3344.8	3309.4	3273.5	3234.1	3241.4	3211.3	3181.2
5°	2903.5	2850.1	2796.2	2749.6	2703.0	2662.7	2621.9	2585.5	2617.0	2595.7	2574.3
7.5°	2244.1	2178.1	2111.6	2055.7	1999.9	1956.7	1913.0	1882.9	1914.0	1910.1	1906.2
10°	1877.1	1813.0	1748.4	1686.7	1625.1	1572.6	1519.7	1475.0	1467.3	1444.9	1422.1
12.5°	1717.8	1629.9	1541.6	1477.0	1412.4	1349.8	1287.1	1234.7	1210.9	1174.0	1136.6
15°	1525.1	1421.2	1317.2	1243.9	1170.1	1109.4	1048.3	1003.1	988.1	959.4	930.8
17.5°	1271.1	1157.5	1043.9	969.6	894.8	846.3	797.2	767.1	767.1	758.9	750.6
20°	972.5	871.0	769.6	712.8	656.0	630.2	604.0	591.4	595.3	595.7	595.7
22.5°	713.2	651.1	589.0	566.1	542.8	533.6	524.4	519.0	521.0	521.5	521.9
25°	561.8	538.0	513.7	502.0	489.9	484.1	478.2	476.3	480.7	481.2	481.2
27.5°	493.3	478.7	463.7	456.4	448.6	446.2	443.8	440.4	444.7	444.7	444.3
30°	458.8	443.3	427.8	418.5	409.3	410.3	410.8	409.8	412.7	414.6	416.1
32.5°	430.7	415.6	400.6	391.3	381.6	380.2	378.7	377.7	384.1	387.5	390.9
35°	405.4	388.9	372.4	363.7	354.9	351.5	348.1	345.7	351.5	355.9	360.3
37.5°	388.4	371.4	354.0	345.7	337.0	332.6	328.2	325.3	327.7	329.7	331.6
40°	374.8	357.4	339.4	329.7	320.0	315.6	311.2	308.8	310.3	310.7	311.2
42.5°	362.2	345.2	328.2	317.5	306.4	301.0	295.7	292.8	293.7	294.7	295.2
45°	353.0	336.0	318.5	305.9	292.8	286.9	281.1	277.7	278.2	278.2	278.2
47.5°	361.7	337.0	311.7	297.1	282.1	275.3	268.5	265.1	264.1	263.2	262.2
50°	393.8	351.5	308.8	290.3	271.4	264.1	256.4	252.5	250.0	249.1	248.1
52.5°	384.5	348.1	311.2	287.4	263.2	254.4	245.7	239.4	236.9	235.5	234.0
55°	352.0	329.2	305.9	277.2	248.6	240.8	232.6	228.2	223.8	222.9	221.9
57.5°	309.3	300.1	290.8	261.7	232.6	225.3	217.5	214.6	210.7	210.7	210.2
60°	258.8	272.4	286.0	252.5	218.5	210.2	202.0	199.6	198.1	197.6	197.1
62.5°	232.6	254.9	276.8	241.3	205.4	196.6	187.9	185.0	184.5	185.0	185.0
65°	210.2	217.0	223.8	207.3	190.8	182.1	172.8	169.9	170.9	172.4	173.8
67.5°	189.8	188.4	186.9	181.1	174.8	167.5	159.7	156.8	157.3	159.3	161.2
70°	170.4	168.5	166.1	161.7	157.3	151.0	144.7	142.7	142.3	144.7	146.6
72.5°	151.0	148.6	145.7	142.3	138.4	133.0	127.7	126.2	126.7	128.2	129.6
75°	129.6	127.7	125.3	122.4	119.0	114.1	109.2	108.3	109.2	110.7	112.2
77.5°	106.3	105.8	104.9	102.4	100.0	94.7	88.9	88.4	89.8	91.3	92.3
80°	83.0	83.5	84.0	82.1	80.1	74.3	68.0	67.5	68.9	70.4	71.9
82.5°	61.2	62.6	63.6	61.2	58.7	52.0	45.2	44.2	49.0	50.5	52.0
85°	35.4	37.4	39.3	37.4	35.4	28.6	21.8	21.4	25.7	28.2	30.6
87.5°	2.9	3.9	4.9	4.4	3.9	1.9	0.0	0.0	0.5	2.4	4.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GAN-SA4A-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: P320748

CATALOG NUMBER: GAN-SA4A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8
2.5°	3162.3	3143.3	3137.5	3131.7	3110.3	3088.5	3110.8	3132.7	3141.9	3151.1	3127.3
5°	2571.4	2568.0	2568.0	2567.5	2548.1	2528.2	2543.2	2557.8	2525.3	2492.7	2489.3
7.5°	1927.1	1948.0	1964.9	1981.5	1975.1	1968.8	1982.9	1997.0	1955.7	1914.0	1893.6
10°	1427.0	1431.3	1449.8	1468.2	1472.6	1476.5	1494.0	1511.0	1478.9	1446.9	1432.8
12.5°	1113.3	1090.0	1092.4	1094.4	1103.1	1111.4	1129.8	1147.8	1134.7	1121.1	1122.5
15°	901.6	872.0	859.9	847.3	857.0	866.7	879.8	892.4	892.9	892.9	905.5
17.5°	736.1	721.0	708.9	696.3	709.4	722.0	723.4	724.9	725.4	725.9	724.9
20°	603.0	610.3	606.4	602.5	607.4	611.8	615.7	619.1	614.7	609.8	597.7
22.5°	528.7	535.1	539.9	544.3	552.5	560.3	556.4	552.0	543.3	534.1	524.9
25°	485.5	489.9	494.8	499.6	506.4	512.7	505.9	499.1	492.8	486.5	480.2
27.5°	449.1	453.5	457.9	461.7	468.1	473.9	467.6	461.3	455.9	450.6	445.7
30°	419.5	422.4	425.8	429.2	435.0	440.4	435.0	429.2	425.3	421.0	417.6
32.5°	394.3	397.2	398.6	400.1	405.4	410.8	406.9	403.0	399.6	396.2	393.8
35°	366.6	372.4	373.4	374.3	379.7	385.0	382.6	379.7	375.8	371.9	367.5
37.5°	338.4	345.2	349.1	352.5	357.8	363.2	360.8	358.3	353.0	347.6	339.9
40°	314.6	317.5	324.8	331.6	340.4	348.6	343.8	338.4	330.2	321.9	318.0
42.5°	294.7	294.2	301.0	307.8	320.9	333.6	324.8	316.1	308.3	300.5	299.6
45°	277.2	275.8	279.2	282.6	296.7	310.3	301.5	292.3	287.9	283.6	283.6
47.5°	261.7	260.7	263.2	265.1	273.8	282.1	277.7	273.4	270.9	268.5	269.0
50°	247.6	246.7	249.1	251.0	254.4	257.3	258.3	258.8	257.3	255.9	256.8
52.5°	234.5	234.5	235.5	236.0	240.3	244.7	244.7	244.2	244.2	244.2	245.2
55°	223.3	224.3	224.3	224.3	231.1	237.4	235.5	233.5	234.0	234.0	235.0
57.5°	212.2	213.6	214.6	215.6	222.4	229.2	227.2	225.3	225.3	225.3	225.8
60°	199.6	201.5	203.4	205.4	212.2	219.0	217.0	214.6	215.1	215.6	216.1
62.5°	187.4	189.4	191.3	193.2	200.0	206.8	204.9	202.5	203.9	204.9	204.9
65°	175.8	177.2	179.2	181.1	187.4	193.7	191.8	189.8	191.8	193.2	194.2
67.5°	162.7	163.6	165.6	167.5	173.8	180.1	178.2	175.8	178.2	180.1	182.1
70°	147.6	148.6	151.0	152.9	159.3	165.6	163.1	160.7	163.1	165.6	167.5
72.5°	131.1	132.1	134.5	136.4	143.7	151.0	148.1	145.2	148.1	151.0	152.0
75°	113.1	114.1	117.0	119.4	126.7	134.0	131.6	128.7	131.1	133.5	134.0
77.5°	93.7	95.2	99.0	102.9	108.8	114.6	113.1	111.7	113.1	114.6	114.6
80°	73.3	74.8	79.6	84.0	87.4	90.8	91.3	91.8	92.3	92.7	92.3
82.5°	54.4	56.3	60.7	65.1	65.1	65.1	68.9	72.3	72.3	71.9	71.4
85°	33.5	35.9	39.8	43.7	41.3	38.8	45.2	51.0	51.0	50.5	49.5
87.5°	6.8	9.2	13.1	16.5	14.1	11.7	18.0	24.3	24.8	24.8	23.8
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: P320748
 CATALOG NUMBER: GAN-SA4A-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: P320748

CATALOG NUMBER: GAN-SA4A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8
2.5°	3103.0	3140.9	3178.3	3188.0	3202.6	3208.9	3214.7	3262.3	3309.4	3364.7	3420.1
5°	2485.4	2513.6	2541.8	2546.1	2561.2	2568.9	2576.7	2634.5	2691.8	2769.0	2846.2
7.5°	1873.2	1880.0	1886.8	1885.8	1898.4	1915.4	1931.9	1993.6	2054.8	2137.8	2220.3
10°	1418.7	1434.3	1449.3	1463.4	1491.1	1523.1	1554.7	1617.8	1680.9	1763.0	1844.5
12.5°	1124.0	1142.0	1159.5	1175.0	1207.0	1249.8	1292.0	1367.7	1443.5	1541.6	1639.2
15°	917.7	916.2	914.7	925.4	953.6	1000.2	1046.3	1126.4	1206.5	1314.3	1421.6
17.5°	723.9	716.6	709.4	717.6	743.8	782.2	820.1	888.0	955.5	1059.9	1164.3
20°	585.6	580.7	575.8	583.6	600.1	616.1	632.2	681.2	729.8	814.7	899.2
22.5°	515.1	514.7	513.7	518.1	525.8	534.1	541.9	565.6	589.0	643.8	698.2
25°	473.9	473.4	472.9	474.9	481.2	487.5	493.8	509.3	524.9	551.1	577.3
27.5°	440.9	439.9	438.9	439.4	440.9	450.6	459.8	467.1	473.9	491.8	509.3
30°	414.2	413.7	413.2	413.2	411.7	415.1	418.5	429.7	440.4	458.8	477.3
32.5°	391.3	388.9	386.5	381.1	377.7	382.6	387.5	399.1	410.8	427.8	444.7
35°	362.7	356.4	349.6	346.7	347.2	352.0	356.9	368.5	379.7	398.1	416.1
37.5°	331.6	329.7	327.2	326.8	328.2	333.1	337.9	348.1	357.8	376.3	394.3
40°	314.1	313.2	312.2	311.2	312.2	317.1	321.9	331.6	340.8	358.8	376.3
42.5°	298.6	298.1	297.6	297.6	298.1	303.5	308.8	318.5	327.7	343.8	359.8
45°	283.6	284.0	284.0	285.0	286.5	291.8	296.7	307.3	318.0	333.6	349.1
47.5°	269.5	270.9	271.9	274.3	275.8	281.6	286.9	298.6	310.3	329.7	348.6
50°	257.3	258.8	259.8	261.7	265.6	272.4	279.2	293.3	306.9	339.4	371.4
52.5°	246.2	247.6	249.1	251.0	255.9	263.6	271.4	288.9	305.9	343.8	381.6
55°	236.0	237.4	238.4	241.3	246.2	253.0	259.3	280.6	302.0	329.7	357.4
57.5°	226.3	227.7	228.7	230.6	233.1	240.3	247.1	270.0	292.8	312.2	331.1
60°	216.1	217.0	217.5	217.5	219.5	227.7	236.0	265.1	293.7	290.3	286.5
62.5°	204.9	205.9	206.4	204.9	207.3	216.1	224.8	262.7	300.5	277.2	253.9
65°	194.7	194.2	193.7	192.3	195.2	203.9	212.2	231.1	250.0	240.8	231.6
67.5°	183.5	182.1	180.6	178.7	181.6	189.4	196.6	203.0	209.3	210.2	211.2
70°	169.5	167.5	165.6	165.1	166.5	172.8	179.2	183.5	187.4	189.4	190.8
72.5°	152.9	151.5	150.0	149.1	149.5	154.9	159.7	163.6	167.5	169.0	169.9
75°	134.5	134.5	134.0	131.1	131.1	135.5	139.3	142.7	146.1	148.1	150.0
77.5°	114.6	115.1	115.1	111.2	110.7	115.1	119.0	121.9	124.3	126.2	127.7
80°	91.8	90.8	89.8	87.4	86.4	91.8	96.6	99.0	101.0	101.5	101.5
82.5°	70.4	68.5	66.0	60.7	61.2	67.0	72.3	74.3	76.2	76.2	76.2
85°	48.1	44.2	39.8	35.4	35.9	42.2	48.1	50.0	52.0	52.9	53.4
87.5°	22.8	18.9	14.6	11.2	11.2	16.5	21.4	22.3	23.3	25.2	27.2
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: P320748
 CATALOG NUMBER: GAN-SA4A-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: P320748

CATALOG NUMBER: GAN-SA4A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8
2.5°	3462.3	3504.1	3547.3	3590.5	3640.0	3689.6	3747.3	3804.6	3853.7	3902.7	3943.5
5°	2912.7	2979.2	3057.4	3135.6	3235.1	3334.6	3456.5	3577.9	3686.2	3794.4	3920.2
7.5°	2307.2	2393.7	2495.6	2597.6	2726.3	2854.9	3012.7	3170.5	3323.5	3475.9	3669.2
10°	1935.3	2026.1	2126.6	2226.6	2357.7	2488.4	2655.4	2821.9	2993.8	3165.2	3383.7
12.5°	1740.1	1840.7	1929.0	2017.4	2123.7	2229.6	2391.2	2552.9	2754.9	2956.4	3166.6
15°	1531.9	1641.6	1747.4	1853.3	1969.3	2084.9	2242.2	2399.5	2620.4	2841.3	3083.1
17.5°	1279.9	1395.4	1524.6	1653.2	1804.7	1955.7	2157.2	2358.7	2620.4	2881.6	3166.6
20°	1017.2	1135.2	1289.6	1444.0	1632.4	1820.3	2081.5	2342.7	2695.2	3047.2	3410.9
22.5°	802.6	906.5	1075.0	1243.0	1460.5	1678.0	2013.0	2347.5	2808.3	3268.6	3759.5
25°	650.6	723.9	889.5	1054.6	1305.6	1556.6	1971.3	2385.4	2972.9	3559.9	4168.8
27.5°	557.4	605.5	759.9	913.8	1188.1	1461.9	1954.3	2446.1	3181.7	3917.3	4614.0
30°	510.8	544.3	674.9	805.0	1083.7	1362.4	1933.9	2505.3	3382.7	4259.6	4962.1
32.5°	471.9	498.6	610.3	721.5	993.4	1265.3	1894.5	2523.3	3523.0	4522.7	5256.9
35°	438.9	461.3	558.4	655.5	922.5	1189.6	1828.5	2467.5	3610.9	4754.3	5563.7
37.5°	412.2	429.7	519.5	609.3	861.3	1113.3	1753.3	2393.2	3689.1	4985.0	5908.9
40°	391.3	406.4	490.4	574.4	803.1	1031.8	1688.7	2345.1	3796.9	5248.6	6273.6
42.5°	379.7	399.1	465.1	530.7	747.7	964.8	1636.7	2308.7	3896.9	5484.6	6592.6
45°	376.8	404.4	452.0	499.6	706.4	913.3	1590.6	2267.4	3961.5	5655.5	6832.9
47.5°	371.9	394.7	441.8	488.9	686.1	882.7	1565.8	2248.5	4026.0	5803.1	7032.4
50°	374.8	377.7	433.6	488.9	683.1	877.4	1594.0	2310.6	4165.9	6020.6	7260.6
52.5°	369.5	356.9	418.0	479.2	682.7	886.1	1675.1	2464.1	4425.6	6386.7	7507.8
55°	341.3	324.8	388.9	453.0	672.5	891.4	1771.7	2651.5	4774.2	6896.5	7952.0
57.5°	316.6	301.5	355.9	409.8	641.4	873.0	1871.2	2869.0	5142.8	7416.0	8452.6
60°	283.6	280.2	319.0	357.8	593.3	828.3	1953.3	3077.8	5390.4	7702.5	8645.4
62.5°	256.4	258.3	286.9	315.6	533.1	750.1	1980.5	3210.3	5383.6	7556.8	8451.2
65°	235.5	238.9	267.0	295.2	481.6	668.1	1891.1	3113.7	5111.2	7108.2	8067.1
67.5°	215.1	219.0	252.5	285.5	436.0	586.0	1667.8	2749.1	4621.3	6493.0	7578.7
70°	195.7	200.5	236.9	273.4	403.0	532.1	1379.9	2227.6	4008.1	5788.0	7013.0
72.5°	174.8	179.6	218.5	257.3	382.1	506.4	1125.0	1743.1	3252.6	4761.6	5998.7
75°	153.4	156.8	199.1	240.8	353.5	466.1	882.7	1298.8	2489.3	3679.8	4531.0
77.5°	132.1	136.4	171.9	206.8	300.1	392.8	665.2	937.6	1826.6	2715.1	3151.1
80°	105.4	109.2	134.5	159.3	231.6	303.5	457.4	611.3	1257.0	1902.8	2148.5
82.5°	80.6	85.0	102.0	118.5	165.1	211.7	277.2	342.8	835.1	1327.0	1347.4
85°	55.4	56.8	68.9	80.6	102.0	123.3	158.8	194.2	552.5	910.9	758.9
87.5°	27.7	27.7	35.9	44.2	54.9	65.5	84.0	102.0	176.7	251.5	144.7
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: P320748
 CATALOG NUMBER: GAN-SA4A-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: P320748

CATALOG NUMBER: GAN-SA4A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8
2.5°	3995.4	4030.9	4066.8	4094.0	4121.7	4161.5	4201.3	4208.6	4216.4	4200.8	4185.3
5°	4046.9	4154.2	4262.0	4361.5	4461.1	4520.8	4580.5	4592.6	4604.8	4567.4	4529.5
7.5°	3856.1	4043.0	4230.0	4401.3	4572.7	4676.6	4781.0	4804.3	4828.1	4767.0	4705.8
10°	3601.2	3830.8	4060.5	4286.3	4512.0	4663.0	4814.0	4844.2	4874.3	4798.0	4721.8
12.5°	3404.1	3649.3	3894.5	4132.4	4370.8	4527.1	4683.4	4720.8	4758.2	4702.9	4647.0
15°	3343.4	3574.0	3804.6	4012.0	4219.8	4347.5	4475.6	4490.7	4506.2	4497.5	4488.7
17.5°	3453.6	3661.9	3870.7	3983.3	4096.4	4147.4	4198.9	4215.4	4232.4	4254.2	4276.6
20°	3720.6	3867.3	4014.4	4009.5	4004.2	3979.4	3954.2	3949.8	3945.4	4008.1	4071.2
22.5°	4119.3	4177.5	4236.3	4099.8	3963.4	3880.4	3796.9	3780.4	3763.4	3829.9	3896.9
25°	4551.9	4541.2	4530.0	4270.3	4010.0	3851.7	3693.4	3675.0	3656.5	3713.3	3770.6
27.5°	4980.1	4910.2	4840.3	4487.3	4134.3	3904.6	3675.0	3656.5	3638.1	3688.6	3739.1
30°	5294.2	5182.1	5069.9	4670.3	4270.7	3997.9	3725.0	3694.9	3664.3	3726.5	3788.6
32.5°	5539.4	5388.9	5238.4	4818.9	4399.4	4104.2	3809.0	3761.9	3714.8	3797.8	3880.9
35°	5784.1	5572.5	5360.3	4951.5	4542.2	4230.0	3917.3	3859.5	3801.7	3915.8	4029.9
37.5°	6092.0	5788.0	5483.6	5100.5	4717.4	4418.3	4118.8	4059.5	4000.3	4145.5	4291.1
40°	6426.0	6020.6	5615.2	5263.7	4912.1	4679.1	4445.5	4389.2	4332.4	4509.1	4685.9
42.5°	6703.7	6237.1	5770.5	5460.3	5149.6	4985.4	4820.8	4820.4	4819.4	4998.6	5177.7
45°	6929.5	6417.8	5905.5	5652.1	5398.1	5312.7	5227.2	5295.7	5364.2	5525.8	5688.0
47.5°	7098.0	6569.2	6040.0	5871.5	5703.1	5715.7	5728.3	5867.7	6007.0	6110.9	6215.3
50°	7207.7	6706.7	6205.1	6153.1	6101.2	6214.3	6327.9	6487.7	6647.9	6718.8	6789.7
52.5°	7367.5	6893.1	6418.2	6476.5	6534.8	6765.9	6997.0	7158.7	7320.4	7346.6	7373.3
55°	7737.0	7235.9	6734.3	6846.0	6958.2	7297.1	7636.4	7762.7	7888.9	7898.6	7908.3
57.5°	8261.8	7716.1	7170.3	7290.7	7411.2	7802.5	8194.3	8330.3	8466.7	8447.8	8428.3
60°	8654.6	8172.0	7688.9	7810.3	7931.7	8313.3	8694.9	8851.2	9008.1	8966.3	8924.6
62.5°	8678.9	8421.1	8162.8	8272.5	8382.7	8756.6	9130.4	9291.1	9451.9	9379.0	9306.2
65°	8292.9	8408.4	8524.0	8560.4	8596.8	8945.4	9294.5	9417.4	9540.7	9503.8	9466.9
67.5°	7761.2	8187.0	8613.3	8540.0	8466.7	8630.3	8794.0	8920.7	9047.4	9026.5	9005.2
70°	7230.5	7799.1	8367.7	8007.4	7646.6	7579.2	7511.7	7648.1	7785.0	7700.5	7615.6
72.5°	6327.0	6932.9	7539.3	6875.6	6211.9	5981.3	5750.6	5924.0	6097.3	5962.8	5827.8
75°	4966.5	5636.1	6306.1	5514.2	4722.3	4414.5	4106.6	4255.7	4404.7	4312.5	4219.8
77.5°	3697.3	4357.2	5017.0	4212.0	3406.5	3177.8	2948.6	2992.8	3037.5	3022.0	3005.9
80°	2507.8	2967.6	3427.9	2891.8	2355.8	2373.3	2391.2	2370.4	2349.0	2380.1	2411.2
82.5°	1600.3	1955.2	2310.6	2026.1	1741.6	1904.7	2067.9	1987.8	1907.2	1936.8	1966.9
85°	913.3	1260.4	1608.1	1498.8	1389.1	1484.3	1579.9	1455.6	1331.3	1385.7	1440.6
87.5°	240.8	697.2	1154.1	1047.8	941.4	818.1	694.8	530.2	365.6	534.1	702.6
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: P320748
 CATALOG NUMBER: GAN-SA4A-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°	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8	3699.8
2.5°	4177.0	4168.8	4139.2	4109.1	4064.4	4027.5	3963.4
5°	4477.1	4424.7	4334.3	4243.5	4142.6	4026.5	3897.9
7.5°	4583.4	4460.6	4287.2	4113.4	3957.1	3773.6	3602.6
10°	4538.3	4354.3	4129.0	3903.2	3713.3	3502.1	3312.3
12.5°	4451.8	4256.2	4008.1	3759.5	3543.4	3316.7	3104.0
15°	4332.9	4176.5	3944.0	3711.4	3493.9	3273.5	3021.5
17.5°	4202.8	4128.5	3960.5	3792.0	3603.6	3390.0	3094.3
20°	4097.9	4125.1	4058.1	3991.1	3840.1	3653.6	3321.5
22.5°	4027.0	4157.6	4209.1	4261.0	4170.2	4024.6	3640.5
25°	3987.2	4203.7	4376.1	4548.9	4508.7	4396.5	4028.0
27.5°	4004.7	4270.3	4537.8	4805.8	4843.2	4812.1	4436.3
30°	4057.1	4326.1	4651.9	4978.2	5127.2	5169.0	4776.7
32.5°	4144.5	4408.1	4763.1	5118.5	5343.8	5476.8	5087.9
35°	4276.6	4523.2	4893.2	5263.2	5554.5	5797.3	5409.3
37.5°	4503.3	4715.5	5056.8	5398.6	5776.4	6141.0	5763.3
40°	4835.4	4985.4	5273.8	5562.7	6038.1	6530.4	6158.0
42.5°	5254.4	5331.6	5560.3	5789.0	6311.4	6883.9	6544.0
45°	5708.4	5728.8	5872.5	6016.7	6528.0	7124.7	6833.9
47.5°	6145.4	6075.5	6132.8	6190.0	6694.0	7296.6	7053.8
50°	6595.0	6400.3	6370.2	6340.1	6860.1	7499.0	7333.5
52.5°	7052.4	6731.4	6612.5	6493.0	7058.2	7767.5	7681.6
55°	7500.0	7091.7	6931.5	6771.2	7361.2	8095.3	8192.9
57.5°	7965.6	7502.9	7354.4	7205.8	7806.4	8510.4	8651.7
60°	8466.7	8008.4	7889.4	7770.0	8359.9	8959.0	8856.1
62.5°	8942.0	8577.9	8515.3	8452.1	8919.7	9303.8	8776.5
65°	9259.6	9051.8	9110.0	9168.8	9343.1	9389.7	8543.4
67.5°	9047.4	9089.6	9335.8	9582.5	9462.5	9134.3	8084.1
70°	7868.5	8122.0	8705.1	9288.7	9022.6	8450.2	7259.7
72.5°	6112.4	6397.4	7263.1	8129.3	7884.1	7183.0	5962.8
75°	4541.2	4863.1	5818.6	6774.1	6433.8	5372.9	4269.3
77.5°	3221.5	3437.1	4380.5	5324.3	4769.4	3576.4	2872.9
80°	2345.1	2279.1	2804.9	3330.7	3238.5	2365.5	1845.0
82.5°	1805.7	1644.5	1892.1	2139.7	2126.1	1641.6	1353.7
85°	1376.0	1311.4	1530.4	1749.4	1562.0	1111.9	860.4
87.5°	802.1	902.1	1159.9	1418.2	1064.3	337.4	167.0
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)