

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: P320776

Luminaire Tested: **GAN-SA2D-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320776
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-SA2D-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 80 CRI, 2700K, 1200mA 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: 10256 lumens
Efficiency: N/A
Efficacy: 79.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' 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

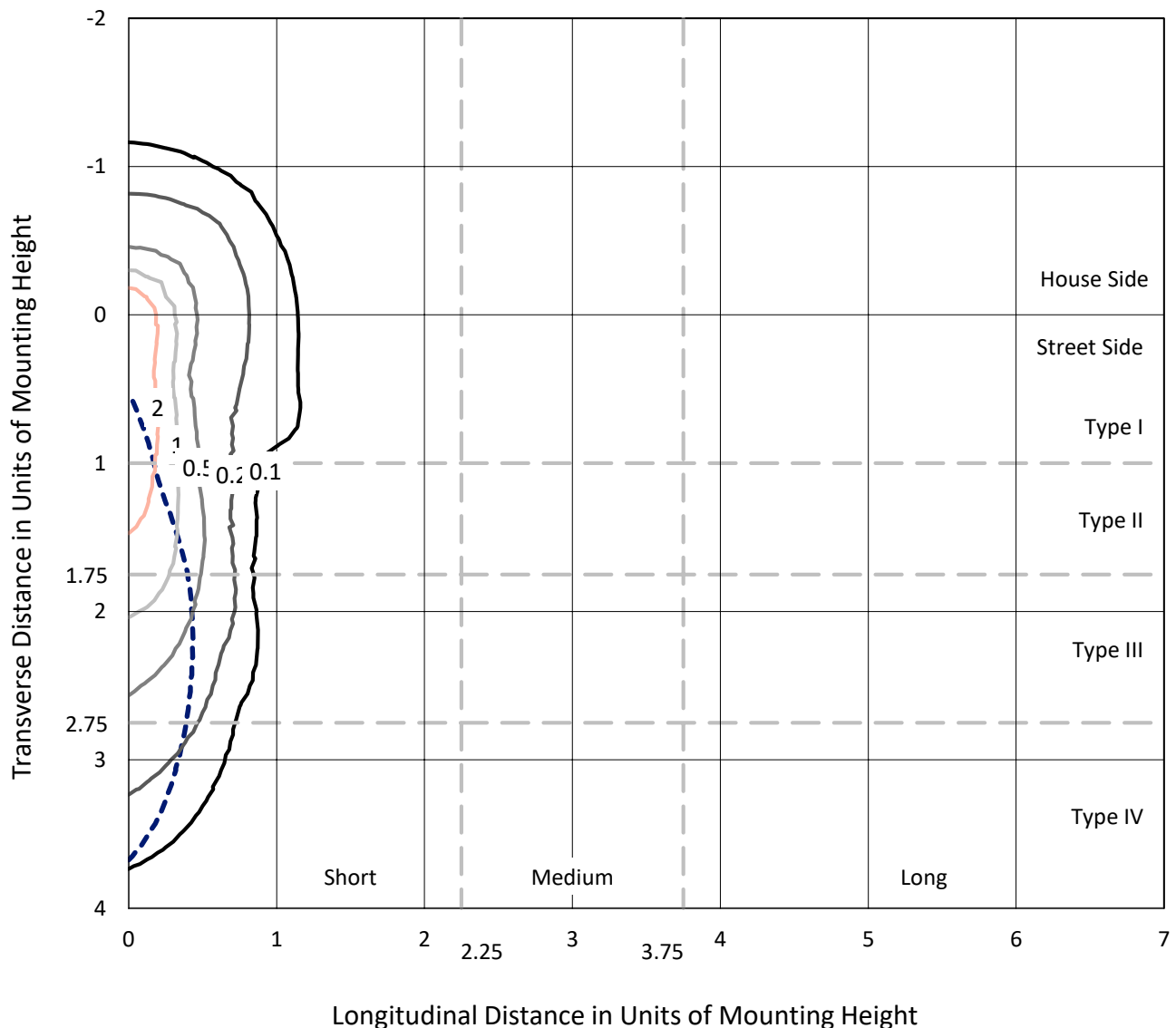


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Iso-Footcandle Lines of Horizontal Illumination

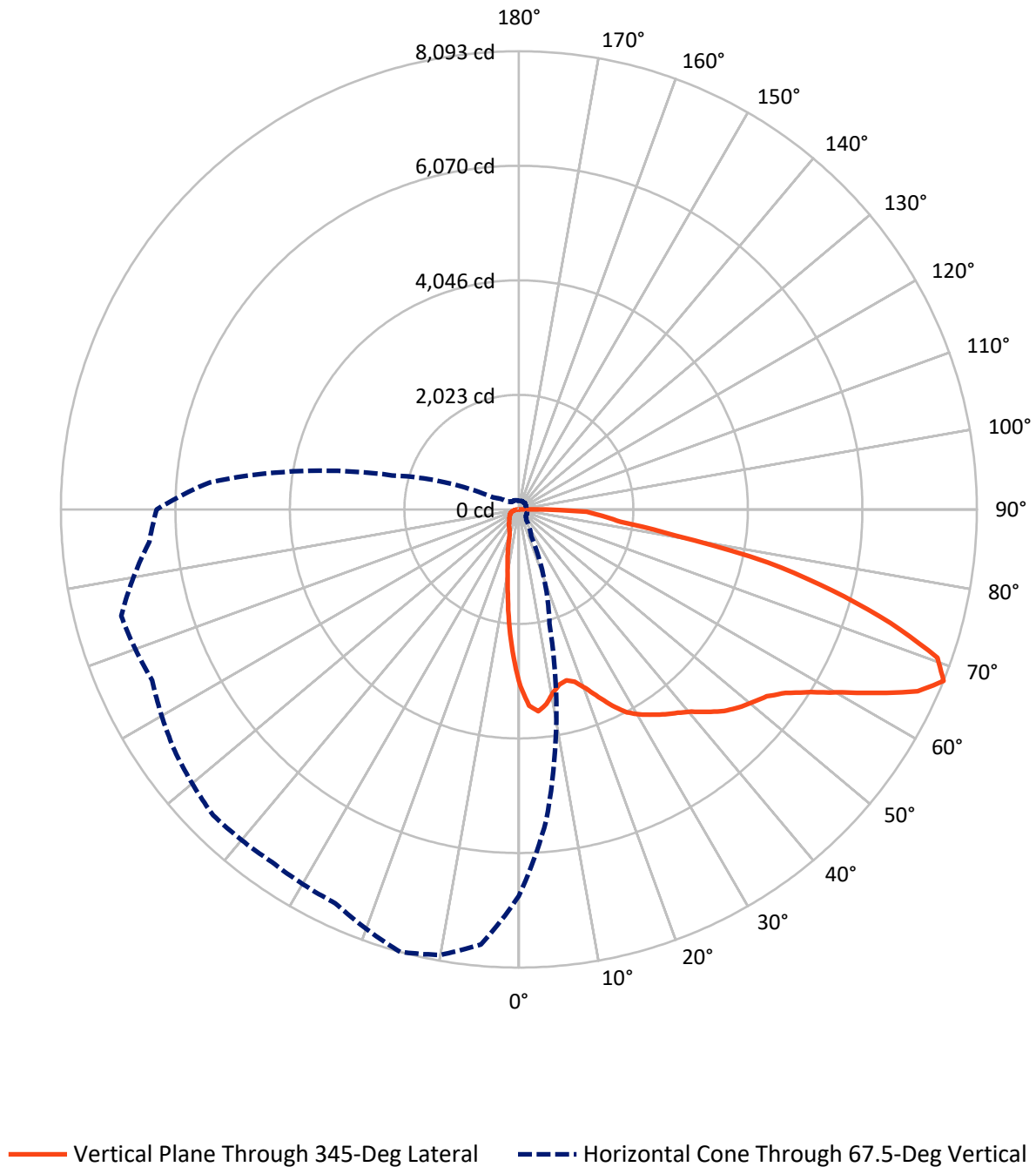
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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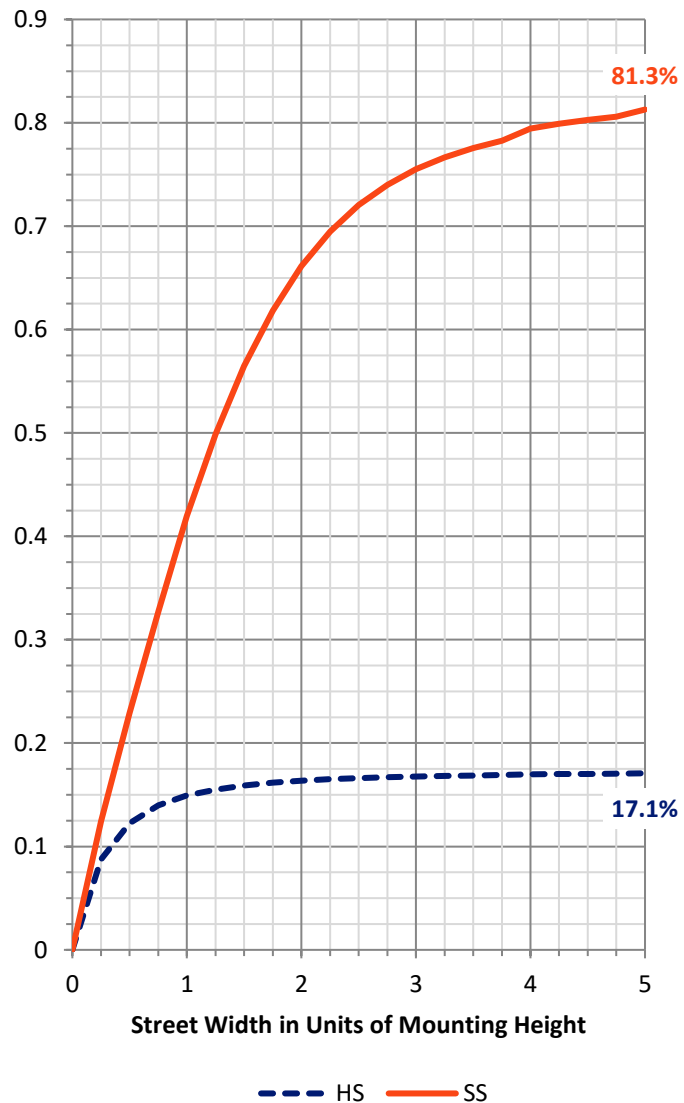
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1773.0	0.0	1773.0
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	8483.0	0.0	8483.0
	% Fixture	82.7	0.0	82.7
Total	Lumens	10256.0	0.0	10256.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.1	2.4
10°-20°	501.0	4.9
20°-30°	712.5	6.9
30°-40°	1026.7	10.0
40°-50°	1446.9	14.1
50°-60°	2011.4	19.6
60°-70°	2432.4	23.7
70°-80°	1495.1	14.6
80°-90°	389.0	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°	10256.0	100.0
0°-180°	10256.0	100.0

Coefficient of Utilization



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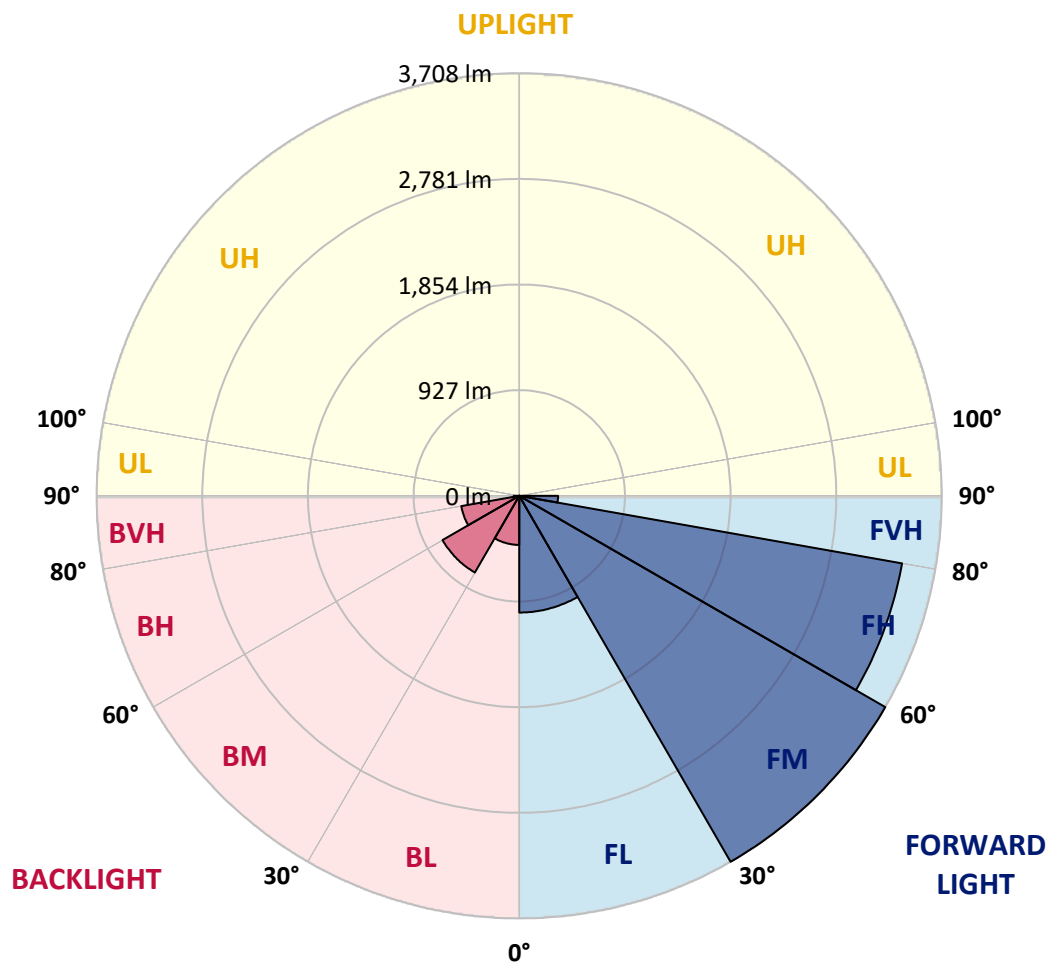
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1024.1	10.0			
FM	(30°-60°)	3707.8	36.2			
FH	(60°-80°)	3410.8	33.3			G2/5000
FVH	(80°-90°)	340.3	3.3			G3/500
BL	(0°-30°)	430.5	4.2	B1/500		
BM	(30°-60°)	777.1	7.6	B1/1000		
BH	(60°-80°)	516.7	5.0	B2/1000		G2/1000
BVH	(80°-90°)	48.8	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°	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6
2.5°	3347.2	3317.7	3273.0	3228.3	3195.1	3161.5	3123.3	3085.2	3041.7	2997.9	2972.0
5°	3291.9	3209.9	3103.2	2996.6	2926.1	2855.6	2775.6	2695.7	2616.5	2537.4	2494.7
7.5°	3042.6	2919.5	2780.9	2642.3	2539.8	2436.9	2326.2	2215.1	2116.7	2017.8	1956.7
10°	2797.3	2649.7	2490.6	2331.1	2199.9	2068.7	1957.6	1846.0	1771.8	1697.6	1641.4
12.5°	2621.4	2457.8	2282.7	2107.2	1976.0	1844.8	1774.3	1703.7	1642.2	1580.7	1515.9
15°	2551.7	2366.8	2187.6	2008.0	1888.7	1769.4	1691.0	1612.3	1529.9	1447.1	1367.5
17.5°	2613.2	2396.7	2202.0	2007.2	1851.0	1694.7	1585.2	1475.4	1366.7	1258.0	1165.8
20°	2805.1	2528.8	2274.1	2019.1	1811.2	1603.3	1456.5	1309.3	1169.9	1030.4	925.9
22.5°	3074.5	2708.8	2376.2	2043.7	1775.1	1506.1	1322.0	1137.5	972.6	807.8	705.3
25°	3401.8	2947.4	2523.4	2099.0	1760.3	1421.2	1194.9	968.5	794.7	620.4	547.4
27.5°	3746.6	3232.0	2706.3	2180.2	1762.8	1345.4	1087.9	829.9	673.3	516.7	466.6
30°	4034.0	3557.2	2919.5	2281.5	1772.2	1262.9	987.0	711.0	581.9	452.7	420.3
32.5°	4296.9	3783.9	3080.3	2376.2	1782.9	1189.1	909.1	628.6	523.2	417.4	390.8
35°	4568.3	3985.3	3192.6	2399.6	1764.4	1128.9	855.8	582.7	485.5	387.9	365.4
37.5°	4867.3	4203.0	3300.9	2398.4	1733.3	1068.2	814.4	560.1	460.9	361.3	344.8
40°	5200.6	4443.7	3418.2	2392.6	1705.0	1016.9	783.6	549.9	447.4	344.4	330.5
42.5°	5526.6	4673.3	3527.2	2381.1	1682.0	982.5	753.3	524.0	435.1	345.7	326.0
45°	5771.4	4873.8	3621.9	2369.7	1664.8	959.9	729.5	499.0	423.6	348.1	323.1
47.5°	5957.2	5075.2	3726.9	2378.3	1663.2	948.0	712.7	477.3	401.8	326.0	315.7
50°	6193.4	5317.1	3879.9	2442.7	1685.7	928.8	693.0	456.8	380.9	305.1	319.0
52.5°	6487.4	5662.3	4116.9	2571.0	1732.9	894.7	661.8	428.9	355.5	281.7	303.4
55°	6919.1	6104.8	4419.9	2734.6	1789.9	844.7	614.7	384.2	321.9	259.1	278.4
57.5°	7306.6	6551.7	4710.6	2869.1	1825.5	781.6	555.2	328.9	284.2	239.5	250.5
60°	7479.3	6782.2	4846.8	2910.9	1804.2	697.5	488.4	278.8	250.9	223.1	221.0
62.5°	7412.0	6635.8	4712.7	2789.6	1700.1	610.6	429.3	248.1	227.2	205.8	201.3
65°	7215.2	6175.7	4337.1	2498.4	1524.1	549.9	392.0	234.1	210.8	187.4	182.5
67.5°	6827.3	5520.9	3804.8	2088.8	1300.7	512.6	370.7	228.8	200.5	171.8	166.1
70°	6131.0	4732.8	3191.8	1650.4	1070.2	489.6	356.7	223.9	189.4	154.6	149.3
72.5°	5035.8	3794.6	2548.9	1302.7	894.7	486.7	355.1	223.5	180.4	137.4	132.4
75°	3605.5	2882.2	1945.7	1008.7	732.8	456.8	337.1	217.3	168.1	118.5	114.0
77.5°	2426.3	1994.9	1352.3	709.4	543.7	378.1	283.3	188.6	143.9	99.2	94.7
80°	1558.2	1380.6	906.2	431.8	352.6	273.5	202.6	131.6	105.0	77.9	74.2
82.5°	1143.2	1027.6	629.8	232.1	196.0	159.5	123.8	88.2	71.8	55.4	53.7
85°	726.6	801.2	463.8	126.3	103.3	80.4	66.4	52.5	41.4	30.3	30.3
87.5°	141.1	195.2	128.3	61.1	44.7	28.3	24.2	19.7	11.1	2.1	2.5
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



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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°	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6
2.5°	2945.8	2917.5	2889.2	2857.2	2824.8	2794.9	2764.5	2731.3	2737.5	2712.1	2686.6
5°	2452.1	2407.0	2361.5	2322.1	2282.7	2248.7	2214.3	2183.5	2210.2	2192.1	2174.1
7.5°	1895.2	1839.5	1783.3	1736.1	1689.0	1652.5	1615.6	1590.2	1616.4	1613.1	1609.8
10°	1585.2	1531.1	1476.6	1424.5	1372.4	1328.1	1283.4	1245.7	1239.2	1220.3	1201.0
12.5°	1450.7	1376.5	1301.9	1247.4	1192.8	1139.9	1087.0	1042.8	1022.7	991.5	959.9
15°	1288.0	1200.2	1112.5	1050.5	988.2	937.0	885.3	847.2	834.4	810.3	786.1
17.5°	1073.5	977.6	881.6	818.9	755.7	714.7	673.3	647.9	647.9	640.9	633.9
20°	821.3	735.6	649.9	601.9	554.0	532.2	510.1	499.4	502.7	503.1	503.1
22.5°	602.4	549.9	497.4	478.1	458.4	450.6	442.9	438.3	440.0	440.4	440.8
25°	474.4	454.3	433.8	424.0	413.7	408.8	403.9	402.3	405.9	406.4	406.4
27.5°	416.6	404.3	391.6	385.4	378.9	376.8	374.8	371.9	375.6	375.6	375.2
30°	387.5	374.4	361.3	353.5	345.7	346.5	346.9	346.1	348.5	350.2	351.4
32.5°	363.7	351.0	338.3	330.5	322.3	321.1	319.8	319.0	324.3	327.2	330.1
35°	342.4	328.4	314.5	307.1	299.7	296.9	294.0	292.0	296.9	300.6	304.3
37.5°	328.0	313.7	298.9	292.0	284.6	280.9	277.2	274.7	276.8	278.4	280.1
40°	316.6	301.8	286.6	278.4	270.2	266.5	262.8	260.8	262.0	262.4	262.8
42.5°	305.9	291.5	277.2	268.2	258.7	254.2	249.7	247.3	248.1	248.9	249.3
45°	298.1	283.8	269.0	258.3	247.3	242.3	237.4	234.5	235.0	235.0	235.0
47.5°	305.5	284.6	263.3	250.9	238.2	232.5	226.8	223.9	223.1	222.2	221.4
50°	332.5	296.9	260.8	245.2	229.2	223.1	216.5	213.2	211.2	210.4	209.5
52.5°	324.8	294.0	262.8	242.7	222.2	214.9	207.5	202.2	200.1	198.9	197.6
55°	297.3	278.0	258.3	234.1	209.9	203.4	196.4	192.7	189.0	188.2	187.4
57.5°	261.2	253.4	245.6	221.0	196.4	190.3	183.7	181.2	178.0	178.0	177.6
60°	218.6	230.0	241.5	213.2	184.5	177.6	170.6	168.5	167.3	166.9	166.5
62.5°	196.4	215.3	233.7	203.8	173.5	166.1	158.7	156.2	155.8	156.2	156.2
65°	177.6	183.3	189.0	175.1	161.1	153.8	146.0	143.5	144.3	145.6	146.8
67.5°	160.3	159.1	157.9	152.9	147.6	141.5	134.9	132.4	132.9	134.5	136.1
70°	143.9	142.3	140.2	136.5	132.9	127.5	122.2	120.6	120.1	122.2	123.8
72.5°	127.5	125.5	123.0	120.1	116.9	112.4	107.8	106.6	107.0	108.3	109.5
75°	109.5	107.8	105.8	103.3	100.5	96.4	92.3	91.4	92.3	93.5	94.7
77.5°	89.8	89.4	88.6	86.5	84.5	80.0	75.0	74.6	75.9	77.1	77.9
80°	70.1	70.5	70.9	69.3	67.7	62.7	57.4	57.0	58.2	59.5	60.7
82.5°	51.7	52.9	53.7	51.7	49.6	43.9	38.1	37.3	41.4	42.6	43.9
85°	29.9	31.6	33.2	31.6	29.9	24.2	18.5	18.0	21.7	23.8	25.8
87.5°	2.5	3.3	4.1	3.7	3.3	1.6	0.0	0.0	0.4	2.1	3.7
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



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CATALOG NUMBER: GAN-SA2D-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: P320776

CATALOG NUMBER: GAN-SA2D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6
2.5°	2670.6	2654.6	2649.7	2644.8	2626.8	2608.3	2627.2	2645.6	2653.4	2661.2	2641.1
5°	2171.6	2168.7	2168.7	2168.3	2151.9	2135.1	2147.8	2160.1	2132.7	2105.2	2102.3
7.5°	1627.5	1645.1	1659.5	1673.4	1668.1	1662.7	1674.6	1686.5	1651.7	1616.4	1599.2
10°	1205.1	1208.8	1224.4	1240.0	1243.7	1247.0	1261.7	1276.1	1249.0	1221.9	1210.0
12.5°	940.2	920.6	922.6	924.2	931.6	938.6	954.2	969.4	958.3	946.8	948.0
15°	761.5	736.4	726.2	715.5	723.7	731.9	743.0	753.7	754.1	754.1	764.7
17.5°	621.6	608.9	598.7	588.0	599.1	609.7	611.0	612.2	612.6	613.0	612.2
20°	509.3	515.4	512.1	508.9	513.0	516.7	519.9	522.8	519.1	515.0	504.8
22.5°	446.5	451.9	456.0	459.7	466.6	473.2	469.9	466.2	458.8	451.1	443.3
25°	410.0	413.7	417.8	421.9	427.7	433.0	427.3	421.5	416.2	410.9	405.5
27.5°	379.3	383.0	386.7	390.0	395.3	400.2	394.9	389.5	385.0	380.5	376.4
30°	354.3	356.7	359.6	362.5	367.4	371.9	367.4	362.5	359.2	355.5	352.6
32.5°	333.0	335.4	336.6	337.9	342.4	346.9	343.6	340.3	337.5	334.6	332.5
35°	309.6	314.5	315.3	316.1	320.7	325.2	323.1	320.7	317.4	314.1	310.4
37.5°	285.8	291.5	294.8	297.7	302.2	306.7	304.7	302.6	298.1	293.6	287.0
40°	265.7	268.2	274.3	280.1	287.4	294.4	290.3	285.8	278.8	271.9	268.6
42.5°	248.9	248.5	254.2	260.0	271.0	281.7	274.3	266.9	260.4	253.8	253.0
45°	234.1	232.9	235.8	238.6	250.5	262.0	254.6	246.8	243.2	239.5	239.5
47.5°	221.0	220.2	222.2	223.9	231.3	238.2	234.5	230.9	228.8	226.8	227.2
50°	209.1	208.3	210.4	212.0	214.9	217.3	218.1	218.6	217.3	216.1	216.9
52.5°	198.1	198.1	198.9	199.3	203.0	206.7	206.7	206.3	206.3	206.3	207.1
55°	188.6	189.4	189.4	189.4	195.2	200.5	198.9	197.2	197.6	197.6	198.5
57.5°	179.2	180.4	181.2	182.1	187.8	193.5	191.9	190.3	190.3	190.3	190.7
60°	168.5	170.2	171.8	173.5	179.2	184.9	183.3	181.2	181.7	182.1	182.5
62.5°	158.3	159.9	161.6	163.2	168.9	174.7	173.0	171.0	172.2	173.0	173.0
65°	148.4	149.7	151.3	152.9	158.3	163.6	162.0	160.3	162.0	163.2	164.0
67.5°	137.4	138.2	139.8	141.5	146.8	152.1	150.5	148.4	150.5	152.1	153.8
70°	124.7	125.5	127.5	129.2	134.5	139.8	137.8	135.7	137.8	139.8	141.5
72.5°	110.7	111.5	113.6	115.2	121.4	127.5	125.1	122.6	125.1	127.5	128.3
75°	95.5	96.4	98.8	100.9	107.0	113.2	111.1	108.7	110.7	112.8	113.2
77.5°	79.1	80.4	83.6	86.9	91.9	96.8	95.5	94.3	95.5	96.8	96.8
80°	61.9	63.1	67.2	70.9	73.8	76.7	77.1	77.5	77.9	78.3	77.9
82.5°	45.9	47.6	51.3	54.9	54.9	54.9	58.2	61.1	61.1	60.7	60.3
85°	28.3	30.3	33.6	36.9	34.9	32.8	38.1	43.1	43.1	42.6	41.8
87.5°	5.7	7.8	11.1	13.9	11.9	9.8	15.2	20.5	20.9	20.9	20.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320776
 CATALOG NUMBER: GAN-SA2D-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: P320776

CATALOG NUMBER: GAN-SA2D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6
2.5°	2620.6	2652.6	2684.2	2692.4	2704.7	2710.0	2714.9	2755.1	2794.9	2841.6	2888.4
5°	2099.0	2122.8	2146.6	2150.3	2163.0	2169.6	2176.1	2224.9	2273.3	2338.5	2403.7
7.5°	1582.0	1587.7	1593.4	1592.6	1603.3	1617.6	1631.6	1683.7	1735.3	1805.4	1875.1
10°	1198.2	1211.3	1224.0	1235.9	1259.3	1286.3	1313.0	1366.3	1419.6	1488.9	1557.8
12.5°	949.3	964.4	979.2	992.3	1019.4	1055.5	1091.1	1155.1	1219.1	1301.9	1384.3
15°	775.0	773.8	772.5	781.6	805.3	844.7	883.7	951.3	1019.0	1110.0	1200.6
17.5°	611.4	605.2	599.1	606.1	628.2	660.6	692.6	750.0	807.0	895.1	983.3
20°	494.5	490.4	486.3	492.9	506.8	520.4	533.9	575.3	616.3	688.1	759.4
22.5°	435.1	434.7	433.8	437.5	444.1	451.1	457.6	477.7	497.4	543.7	589.6
25°	400.2	399.8	399.4	401.0	406.4	411.7	417.0	430.1	443.3	465.4	487.5
27.5°	372.3	371.5	370.7	371.1	372.3	380.5	388.3	394.5	400.2	415.4	430.1
30°	349.8	349.4	349.0	349.0	347.7	350.6	353.5	362.9	371.9	387.5	403.1
32.5°	330.5	328.4	326.4	321.9	319.0	323.1	327.2	337.1	346.9	361.3	375.6
35°	306.3	301.0	295.2	292.8	293.2	297.3	301.4	311.2	320.7	336.2	351.4
37.5°	280.1	278.4	276.4	276.0	277.2	281.3	285.4	294.0	302.2	317.8	333.0
40°	265.3	264.5	263.7	262.8	263.7	267.8	271.9	280.1	287.9	303.0	317.8
42.5°	252.2	251.8	251.4	251.4	251.8	256.3	260.8	269.0	276.8	290.3	303.8
45°	239.5	239.9	239.9	240.7	241.9	246.4	250.5	259.6	268.6	281.7	294.8
47.5°	227.6	228.8	229.6	231.7	232.9	237.8	242.3	252.2	262.0	278.4	294.4
50°	217.3	218.6	219.4	221.0	224.3	230.0	235.8	247.7	259.1	286.6	313.7
52.5°	207.9	209.1	210.4	212.0	216.1	222.7	229.2	244.0	258.3	290.3	322.3
55°	199.3	200.5	201.3	203.8	207.9	213.6	219.0	237.0	255.0	278.4	301.8
57.5°	191.1	192.3	193.1	194.8	196.8	203.0	208.7	228.0	247.3	263.7	279.7
60°	182.5	183.3	183.7	183.7	185.3	192.3	199.3	223.9	248.1	245.2	241.9
62.5°	173.0	173.9	174.3	173.0	175.1	182.5	189.9	221.8	253.8	234.1	214.5
65°	164.4	164.0	163.6	162.4	164.8	172.2	179.2	195.2	211.2	203.4	195.6
67.5°	155.0	153.8	152.5	150.9	153.4	159.9	166.1	171.4	176.7	177.6	178.4
70°	143.1	141.5	139.8	139.4	140.6	146.0	151.3	155.0	158.3	159.9	161.1
72.5°	129.2	127.9	126.7	125.9	126.3	130.8	134.9	138.2	141.5	142.7	143.5
75°	113.6	113.6	113.2	110.7	110.7	114.4	117.7	120.6	123.4	125.1	126.7
77.5°	96.8	97.2	97.2	93.9	93.5	97.2	100.5	102.9	105.0	106.6	107.8
80°	77.5	76.7	75.9	73.8	73.0	77.5	81.6	83.6	85.3	85.7	85.7
82.5°	59.5	57.8	55.8	51.3	51.7	56.6	61.1	62.7	64.4	64.4	64.4
85°	40.6	37.3	33.6	29.9	30.3	35.7	40.6	42.2	43.9	44.7	45.1
87.5°	19.3	16.0	12.3	9.4	9.4	13.9	18.0	18.9	19.7	21.3	23.0
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: P320776
 CATALOG NUMBER: GAN-SA2D-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: P320776

CATALOG NUMBER: GAN-SA2D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6
2.5°	2924.0	2959.3	2995.8	3032.3	3074.1	3116.0	3164.7	3213.1	3254.5	3296.0	3330.4
5°	2459.9	2516.1	2582.1	2648.1	2732.1	2816.2	2919.1	3021.6	3113.1	3204.5	3310.7
7.5°	1948.5	2021.5	2107.6	2193.8	2302.4	2411.1	2544.3	2677.6	2806.8	2935.5	3098.7
10°	1634.4	1711.1	1796.0	1880.5	1991.2	2101.5	2242.5	2383.2	2528.4	2673.1	2857.6
12.5°	1469.6	1554.5	1629.1	1703.7	1793.5	1882.9	2019.5	2156.0	2326.6	2496.8	2674.3
15°	1293.7	1386.4	1475.8	1565.2	1663.2	1760.7	1893.6	2026.5	2213.0	2399.6	2603.8
17.5°	1080.9	1178.5	1287.5	1396.2	1524.1	1651.7	1821.8	1992.0	2213.0	2433.6	2674.3
20°	859.0	958.7	1089.1	1219.5	1378.6	1537.3	1757.9	1978.5	2276.2	2573.5	2880.6
22.5°	677.8	765.6	907.8	1049.7	1233.4	1417.1	1700.1	1982.6	2371.7	2760.4	3175.0
25°	549.5	611.4	751.2	890.6	1102.6	1314.6	1664.8	2014.6	2510.7	3006.5	3520.7
27.5°	470.7	511.3	641.7	771.7	1003.4	1234.7	1650.4	2065.8	2687.0	3308.3	3896.7
30°	431.4	459.7	570.0	679.9	915.2	1150.6	1633.2	2115.8	2856.8	3597.3	4190.7
32.5°	398.6	421.1	515.4	609.3	839.0	1068.6	1600.0	2131.0	2975.3	3819.6	4439.6
35°	370.7	389.5	471.6	553.6	779.1	1004.6	1544.2	2083.9	3049.5	4015.2	4698.7
37.5°	348.1	362.9	438.8	514.6	727.4	940.2	1480.7	2021.1	3115.5	4210.0	4990.3
40°	330.5	343.2	414.1	485.1	678.2	871.4	1426.1	1980.5	3206.6	4432.6	5298.2
42.5°	320.7	337.1	392.8	448.2	631.5	814.8	1382.3	1949.8	3291.0	4631.9	5567.6
45°	318.2	341.6	381.8	421.9	596.6	771.3	1343.3	1914.9	3345.6	4776.2	5770.6
47.5°	314.1	333.4	373.1	412.9	579.4	745.5	1322.4	1898.9	3400.1	4900.9	5939.1
50°	316.6	319.0	366.2	412.9	576.9	741.0	1346.2	1951.4	3518.2	5084.6	6131.8
52.5°	312.0	301.4	353.1	404.7	576.5	748.3	1414.7	2081.0	3737.6	5393.8	6340.6
55°	288.3	274.3	328.4	382.6	567.9	752.8	1496.3	2239.3	4032.0	5824.3	6715.8
57.5°	267.4	254.6	300.6	346.1	541.7	737.3	1580.3	2423.0	4343.2	6263.1	7138.5
60°	239.5	236.6	269.4	302.2	501.1	699.5	1649.6	2599.3	4552.3	6505.0	7301.3
62.5°	216.5	218.1	242.3	266.5	450.2	633.5	1672.6	2711.2	4546.6	6382.0	7137.3
65°	198.9	201.7	225.5	249.3	406.8	564.2	1597.1	2629.6	4316.6	6003.1	6812.9
67.5°	181.7	184.9	213.2	241.1	368.2	494.9	1408.5	2321.7	3902.8	5483.6	6400.4
70°	165.2	169.3	200.1	230.9	340.3	449.4	1165.4	1881.3	3384.9	4888.2	5922.7
72.5°	147.6	151.7	184.5	217.3	322.7	427.7	950.1	1472.1	2746.9	4021.3	5066.1
75°	129.6	132.4	168.1	203.4	298.5	393.6	745.5	1096.9	2102.3	3107.7	3826.6
77.5°	111.5	115.2	145.2	174.7	253.4	331.7	561.8	791.8	1542.6	2293.0	2661.2
80°	89.0	92.3	113.6	134.5	195.6	256.3	386.3	516.2	1061.6	1607.0	1814.5
82.5°	68.1	71.8	86.1	100.1	139.4	178.8	234.1	289.5	705.3	1120.7	1137.9
85°	46.7	48.0	58.2	68.1	86.1	104.2	134.1	164.0	466.6	769.2	640.9
87.5°	23.4	23.4	30.3	37.3	46.3	55.4	70.9	86.1	149.3	212.4	122.2
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: P320776
 CATALOG NUMBER: GAN-SA2D-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: P320776

CATALOG NUMBER: GAN-SA2D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6
2.5°	3374.3	3404.2	3434.6	3457.5	3480.9	3514.5	3548.1	3554.3	3560.9	3547.7	3534.6
5°	3417.7	3508.4	3599.4	3683.5	3767.5	3818.0	3868.4	3878.6	3888.9	3857.3	3825.3
7.5°	3256.6	3414.5	3572.3	3717.1	3861.8	3949.6	4037.7	4057.4	4077.5	4025.8	3974.2
10°	3041.3	3235.3	3429.2	3619.9	3810.6	3938.1	4065.6	4091.0	4116.5	4052.1	3987.7
12.5°	2874.8	3081.9	3289.0	3489.9	3691.2	3823.3	3955.3	3986.9	4018.5	3971.7	3924.6
15°	2823.6	3018.4	3213.1	3388.2	3563.7	3671.6	3779.8	3792.5	3805.7	3798.3	3790.9
17.5°	2916.7	3092.6	3268.9	3364.0	3459.6	3502.6	3546.1	3560.0	3574.4	3592.8	3611.7
20°	3142.2	3266.0	3390.3	3386.2	3381.7	3360.7	3339.4	3335.7	3332.0	3384.9	3438.2
22.5°	3478.8	3528.0	3577.7	3462.4	3347.2	3277.1	3206.6	3192.6	3178.3	3234.5	3291.0
25°	3844.2	3835.2	3825.7	3606.4	3386.6	3252.9	3119.2	3103.6	3088.1	3136.0	3184.4
27.5°	4205.9	4146.8	4087.8	3789.7	3491.6	3297.6	3103.6	3088.1	3072.5	3115.1	3157.8
30°	4471.2	4376.4	4281.7	3944.2	3606.8	3376.3	3145.9	3120.5	3094.6	3147.1	3199.6
32.5°	4678.2	4551.1	4424.0	4069.7	3715.4	3466.1	3216.8	3177.0	3137.3	3207.4	3277.5
35°	4884.9	4706.1	4526.9	4181.7	3836.0	3572.3	3308.3	3259.5	3210.7	3307.0	3403.4
37.5°	5144.9	4888.2	4631.1	4307.5	3984.0	3731.4	3478.4	3428.4	3378.4	3501.0	3624.0
40°	5427.0	5084.6	4742.2	4445.3	4148.4	3951.6	3754.4	3706.8	3658.9	3808.1	3957.4
42.5°	5661.5	5267.5	4873.4	4611.4	4349.0	4210.4	4071.4	4071.0	4070.1	4221.4	4372.7
45°	5852.2	5420.0	4987.4	4773.4	4558.9	4486.7	4414.6	4472.4	4530.2	4666.7	4803.7
47.5°	5994.5	5547.9	5101.0	4958.7	4816.4	4827.1	4837.7	4955.4	5073.1	5160.9	5249.0
50°	6087.2	5664.0	5240.4	5196.5	5152.7	5248.2	5344.1	5479.1	5614.4	5674.2	5734.1
52.5°	6222.1	5821.4	5420.4	5469.6	5518.8	5714.0	5909.2	6045.7	6182.3	6204.4	6227.0
55°	6534.1	6110.9	5687.4	5781.7	5876.4	6162.6	6449.2	6555.8	6662.5	6670.7	6678.9
57.5°	6977.4	6516.5	6055.6	6157.3	6259.0	6589.5	6920.4	7035.2	7150.4	7134.4	7118.0
60°	7309.1	6901.5	6493.5	6596.0	6698.5	7020.8	7343.1	7475.2	7607.6	7572.3	7537.1
62.5°	7329.6	7111.9	6893.7	6986.4	7079.5	7395.2	7710.9	7846.7	7982.4	7920.9	7859.4
65°	7003.6	7101.2	7198.8	7229.5	7260.3	7554.7	7849.5	7953.3	8057.4	8026.3	7995.1
67.5°	6554.6	6914.2	7274.2	7212.3	7150.4	7288.6	7426.8	7533.8	7640.8	7623.2	7605.1
70°	6106.4	6586.6	7066.8	6762.5	6457.8	6400.8	6343.8	6459.1	6574.7	6503.4	6431.6
72.5°	5343.3	5855.1	6367.2	5806.7	5246.1	5051.4	4856.6	5003.0	5149.4	5035.8	4921.8
75°	4194.4	4759.8	5325.7	4656.9	3988.1	3728.2	3468.2	3594.1	3720.0	3642.0	3563.7
77.5°	3122.5	3679.8	4237.0	3557.2	2876.9	2683.8	2490.2	2527.5	2565.3	2552.1	2538.6
80°	2117.9	2506.2	2894.9	2442.2	1989.6	2004.3	2019.5	2001.9	1983.8	2010.1	2036.3
82.5°	1351.5	1651.3	1951.4	1711.1	1470.8	1608.6	1746.4	1678.7	1610.7	1635.7	1661.1
85°	771.3	1064.5	1358.1	1265.8	1173.1	1253.5	1334.3	1229.3	1124.4	1170.3	1216.6
87.5°	203.4	588.8	974.7	884.9	795.1	690.9	586.8	447.8	308.8	451.1	593.3
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



REPORT NUMBER: P320776
 CATALOG NUMBER: GAN-SA2D-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°	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6	3124.6
2.5°	3527.6	3520.7	3495.7	3470.2	3432.5	3401.3	3347.2
5°	3781.0	3736.8	3660.5	3583.8	3498.5	3400.5	3291.9
7.5°	3870.8	3767.1	3620.7	3473.9	3341.9	3186.9	3042.6
10°	3832.7	3677.3	3487.0	3296.4	3136.0	2957.7	2797.3
12.5°	3759.7	3594.5	3384.9	3175.0	2992.5	2801.0	2621.4
15°	3659.3	3527.2	3330.8	3134.4	2950.7	2764.5	2551.7
17.5°	3549.4	3486.6	3344.8	3202.5	3043.4	2863.0	2613.2
20°	3460.8	3483.8	3427.2	3370.6	3243.1	3085.6	2805.1
22.5°	3400.9	3511.2	3554.7	3598.6	3521.9	3398.9	3074.5
25°	3367.3	3550.2	3695.8	3841.7	3807.7	3713.0	3401.8
27.5°	3382.1	3606.4	3832.3	4058.6	4090.2	4064.0	3746.6
30°	3426.4	3653.5	3928.7	4204.2	4330.1	4365.4	4034.0
32.5°	3500.2	3722.8	4022.6	4322.7	4513.0	4625.3	4296.9
35°	3611.7	3820.0	4132.5	4444.9	4690.9	4896.0	4568.3
37.5°	3803.2	3982.4	4270.6	4559.3	4878.3	5186.3	4867.3
40°	4083.7	4210.4	4453.9	4697.9	5099.3	5515.1	5200.6
42.5°	4437.5	4502.7	4695.9	4889.0	5330.2	5813.7	5526.6
45°	4820.9	4838.1	4959.5	5081.3	5513.1	6017.0	5771.4
47.5°	5190.0	5130.9	5179.3	5227.7	5653.3	6162.2	5957.2
50°	5569.7	5405.2	5379.8	5354.4	5793.6	6333.2	6193.4
52.5°	5955.9	5684.9	5584.4	5483.6	5960.9	6559.9	6487.4
55°	6334.0	5989.2	5853.8	5718.5	6216.7	6836.7	6919.1
57.5°	6727.2	6336.5	6211.0	6085.5	6592.7	7187.3	7306.6
60°	7150.4	6763.3	6662.9	6562.0	7060.2	7566.2	7479.3
62.5°	7551.8	7244.3	7191.4	7138.1	7533.0	7857.3	7412.0
65°	7820.0	7644.5	7693.7	7743.3	7890.5	7929.9	7215.2
67.5°	7640.8	7676.5	7884.4	8092.7	7991.4	7714.2	6827.3
70°	6645.2	6859.3	7351.7	7844.6	7619.9	7136.5	6131.0
72.5°	5162.1	5402.8	6133.9	6865.4	6658.4	6066.2	5035.8
75°	3835.2	4107.0	4914.0	5721.0	5433.5	4537.6	3605.5
77.5°	2720.7	2902.7	3699.4	4496.6	4027.9	3020.4	2426.3
80°	1980.5	1924.8	2368.8	2812.9	2735.0	1997.8	1558.2
82.5°	1525.0	1388.8	1598.0	1807.1	1795.6	1386.4	1143.2
85°	1162.1	1107.5	1292.5	1477.4	1319.1	939.0	726.6
87.5°	677.4	761.9	979.6	1197.7	898.8	285.0	141.1
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)