

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: P320775

Luminaire Tested: **GAN-SA1D-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320775
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-SA1D-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 80 CRI, 2700K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5249 lumens
Efficiency: N/A
Efficacy: 78.3 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

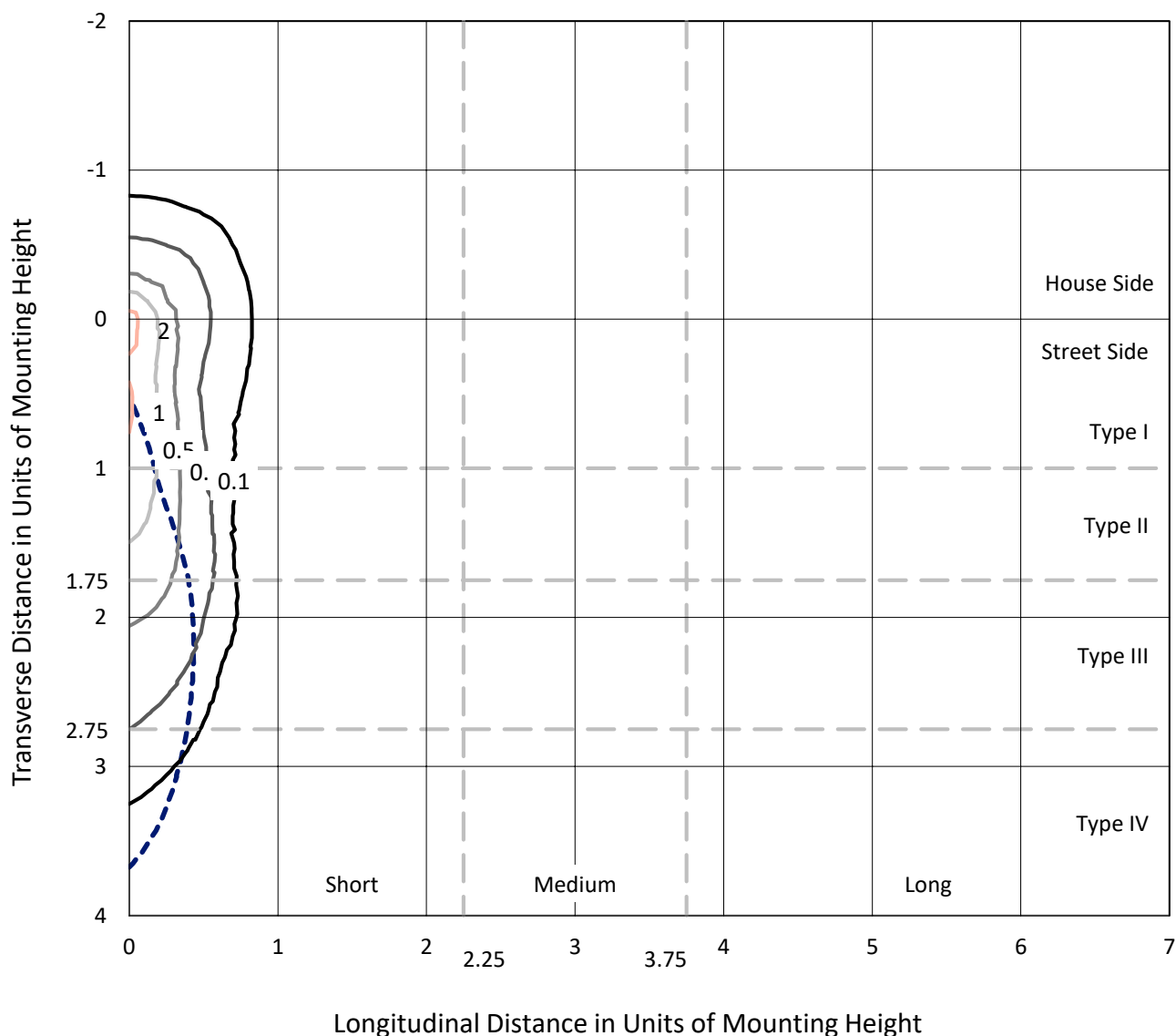
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

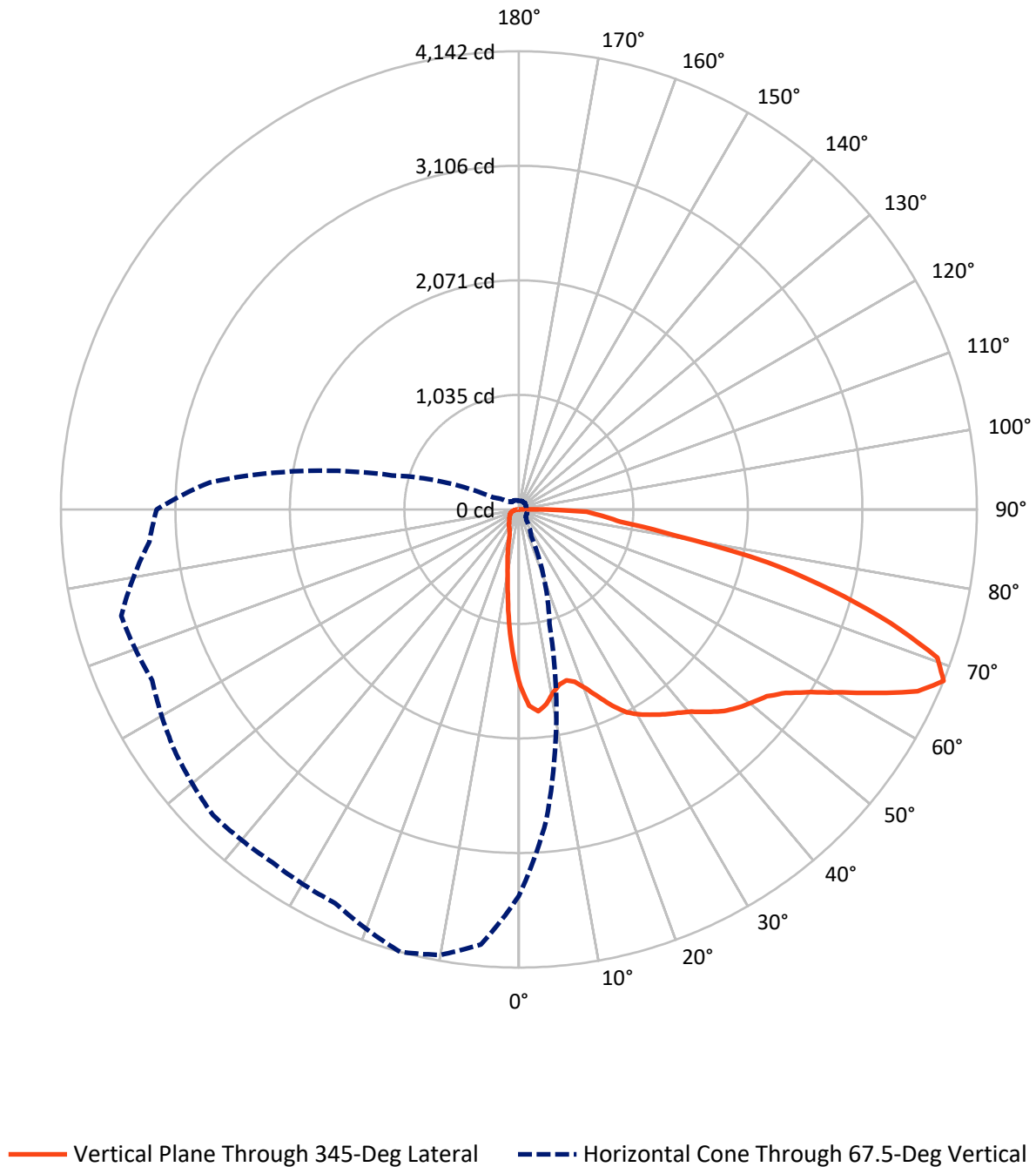
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.6 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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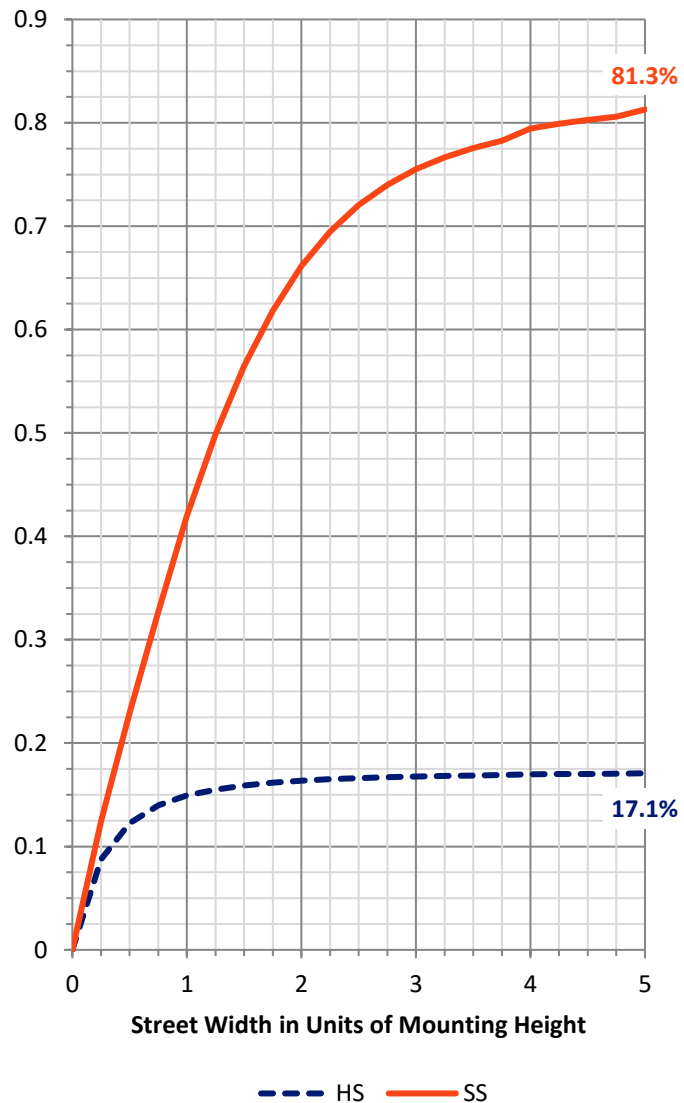
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	907.4	0.0	907.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	4341.6	0.0	4341.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	5249.0	0.0	5249.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.4	2.4
10°-20°	256.4	4.9
20°-30°	364.6	6.9
30°-40°	525.4	10.0
40°-50°	740.5	14.1
50°-60°	1029.4	19.6
60°-70°	1244.9	23.7
70°-80°	765.2	14.6
80°-90°	199.1	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°	5249.0	100.0
0°-180°	5249.0	100.0

Coefficient of Utilization



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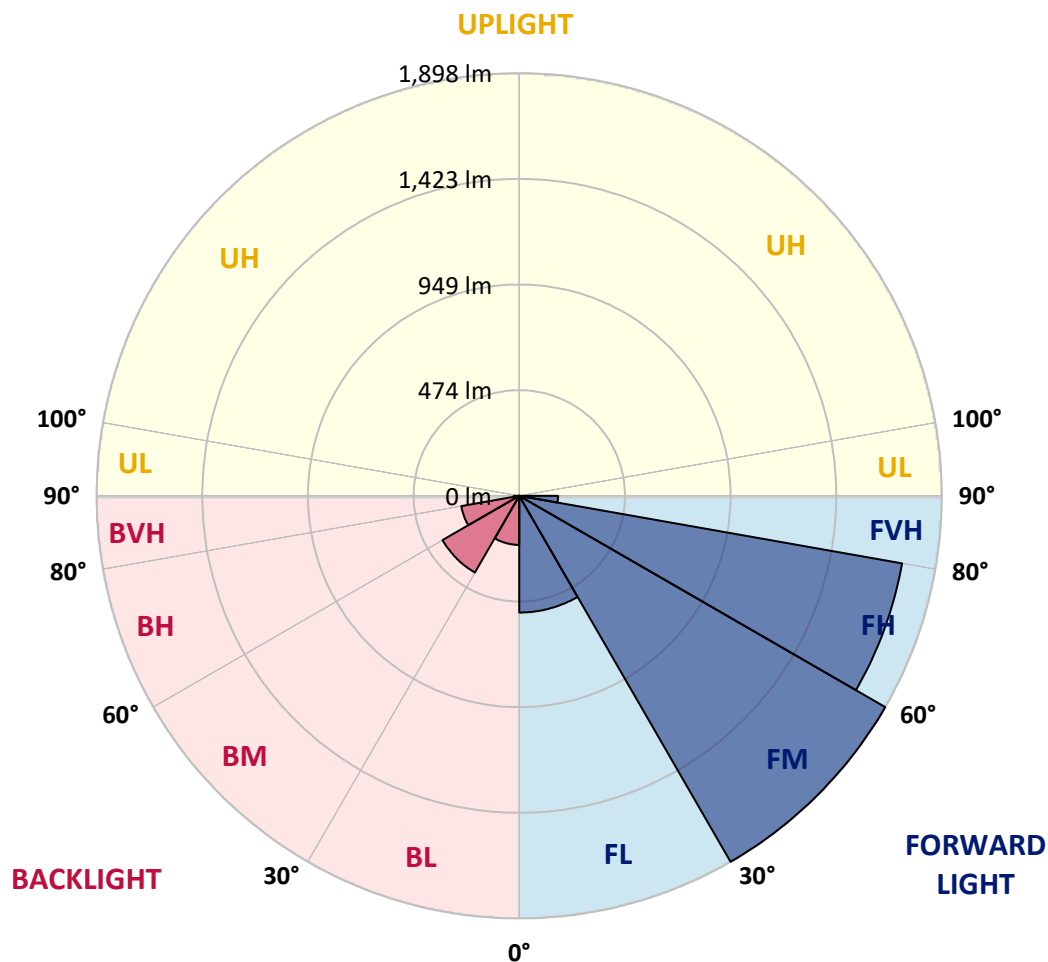
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	524.1	10.0			
FM	(30°-60°)	1897.6	36.2			
FH	(60°-80°)	1745.6	33.3			G1/1800
FVH	(80°-90°)	174.2	3.3			G2/225
BL	(0°-30°)	220.3	4.2	B1/500		
BM	(30°-60°)	397.7	7.6	B1/1000		
BH	(60°-80°)	264.4	5.0	B1/500		G1/500
BVH	(80°-90°)	25.0	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°	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1
2.5°	1713.1	1698.0	1675.1	1652.2	1635.2	1618.0	1598.5	1579.0	1556.8	1534.3	1521.1
5°	1684.8	1642.8	1588.2	1533.7	1497.6	1461.5	1420.6	1379.6	1339.1	1298.6	1276.8
7.5°	1557.2	1494.2	1423.3	1352.3	1299.9	1247.2	1190.5	1133.7	1083.3	1032.7	1001.5
10°	1431.7	1356.1	1274.7	1193.1	1125.9	1058.8	1001.9	944.8	906.8	868.8	840.1
12.5°	1341.6	1257.9	1168.3	1078.5	1011.3	944.2	908.1	872.0	840.5	809.0	775.9
15°	1306.0	1211.3	1119.6	1027.7	966.6	905.6	865.5	825.2	783.0	740.6	699.9
17.5°	1337.4	1226.6	1127.0	1027.3	947.3	867.4	811.3	755.1	699.5	643.9	596.6
20°	1435.7	1294.2	1163.9	1033.4	927.0	820.6	745.4	670.1	598.7	527.4	473.9
22.5°	1573.5	1386.3	1216.1	1045.9	908.5	770.8	676.6	582.2	497.8	413.4	361.0
25°	1741.0	1508.5	1291.5	1074.3	900.9	727.4	611.5	495.7	406.7	317.5	280.2
27.5°	1917.5	1654.1	1385.1	1115.8	902.2	688.6	556.8	424.8	344.6	264.4	238.8
30°	2064.6	1820.5	1494.2	1167.7	907.0	646.4	505.1	363.9	297.8	231.7	215.1
32.5°	2199.1	1936.6	1576.5	1216.1	912.5	608.6	465.3	321.7	267.8	213.6	200.0
35°	2338.1	2039.6	1634.0	1228.1	903.0	577.7	438.0	298.2	248.5	198.5	187.0
37.5°	2491.1	2151.1	1689.4	1227.5	887.1	546.7	416.8	286.7	235.9	184.9	176.5
40°	2661.7	2274.3	1749.4	1224.5	872.6	520.5	401.0	281.4	229.0	176.3	169.1
42.5°	2828.5	2391.8	1805.2	1218.7	860.9	502.8	385.5	268.2	222.7	176.9	166.8
45°	2953.8	2494.4	1853.7	1212.8	852.0	491.3	373.3	255.4	216.8	178.2	165.4
47.5°	3048.9	2597.5	1907.4	1217.2	851.2	485.2	364.7	244.3	205.7	166.8	161.6
50°	3169.7	2721.3	1985.7	1250.1	862.7	475.3	354.7	233.8	195.0	156.1	163.3
52.5°	3320.2	2898.0	2107.0	1315.8	886.9	457.9	338.7	219.5	181.9	144.2	155.3
55°	3541.2	3124.4	2262.1	1399.6	916.0	432.3	314.6	196.6	164.7	132.6	142.5
57.5°	3739.5	3353.2	2410.9	1468.4	934.3	400.0	284.2	168.3	145.4	122.6	128.2
60°	3827.9	3471.1	2480.6	1489.8	923.4	357.0	249.9	142.7	128.4	114.2	113.1
62.5°	3793.5	3396.2	2411.9	1427.7	870.1	312.5	219.7	127.0	116.3	105.4	103.0
65°	3692.7	3160.7	2219.7	1278.7	780.1	281.4	200.6	119.8	107.9	95.9	93.4
67.5°	3494.2	2825.6	1947.3	1069.0	665.7	262.3	189.7	117.1	102.6	87.9	85.0
70°	3137.8	2422.2	1633.6	844.7	547.7	250.6	182.6	114.6	97.0	79.1	76.4
72.5°	2577.3	1942.1	1304.5	666.7	457.9	249.1	181.7	114.4	92.3	70.3	67.8
75°	1845.3	1475.1	995.8	516.3	375.0	233.8	172.5	111.2	86.0	60.6	58.3
77.5°	1241.8	1021.0	692.1	363.1	278.3	193.5	145.0	96.5	73.7	50.8	48.5
80°	797.5	706.6	463.8	221.0	180.5	140.0	103.7	67.4	53.7	39.9	38.0
82.5°	585.1	525.9	322.3	118.8	100.3	81.6	63.4	45.1	36.7	28.3	27.5
85°	371.9	410.1	237.4	64.6	52.9	41.1	34.0	26.9	21.2	15.5	15.5
87.5°	72.2	99.9	65.7	31.3	22.9	14.5	12.4	10.1	5.7	1.0	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):

	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°	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1
2.5°	1507.6	1493.2	1478.7	1462.3	1445.7	1430.4	1414.9	1397.9	1401.0	1388.0	1375.0
5°	1255.0	1231.9	1208.6	1188.4	1168.3	1150.9	1133.3	1117.5	1131.2	1121.9	1112.7
7.5°	970.0	941.4	912.7	888.6	864.4	845.7	826.9	813.8	827.3	825.6	823.9
10°	811.3	783.6	755.7	729.1	702.4	679.7	656.9	637.6	634.2	624.5	614.7
12.5°	742.5	704.5	666.3	638.4	610.5	583.4	556.3	533.7	523.4	507.4	491.3
15°	659.2	614.3	569.4	537.7	505.8	479.5	453.1	433.6	427.1	414.7	402.3
17.5°	549.4	500.3	451.2	419.1	386.8	365.8	344.6	331.6	331.6	328.0	324.4
20°	420.4	376.5	332.6	308.1	283.5	272.4	261.1	255.6	257.3	257.5	257.5
22.5°	308.3	281.4	254.6	244.7	234.6	230.6	226.7	224.3	225.2	225.4	225.6
25°	242.8	232.5	222.0	217.0	211.8	209.2	206.7	205.9	207.8	208.0	208.0
27.5°	213.2	206.9	200.4	197.3	193.9	192.9	191.8	190.3	192.2	192.2	192.0
30°	198.3	191.6	184.9	180.9	176.9	177.3	177.5	177.1	178.4	179.2	179.9
32.5°	186.1	179.6	173.1	169.1	165.0	164.3	163.7	163.3	166.0	167.5	168.9
35°	175.2	168.1	161.0	157.2	153.4	151.9	150.5	149.4	151.9	153.8	155.7
37.5°	167.9	160.5	153.0	149.4	145.6	143.8	141.9	140.6	141.7	142.5	143.3
40°	162.0	154.5	146.7	142.5	138.3	136.4	134.5	133.5	134.1	134.3	134.5
42.5°	156.6	149.2	141.9	137.2	132.4	130.1	127.8	126.5	127.0	127.4	127.6
45°	152.6	145.2	137.7	132.2	126.5	124.0	121.5	120.0	120.3	120.3	120.3
47.5°	156.3	145.6	134.7	128.4	121.9	119.0	116.1	114.6	114.2	113.7	113.3
50°	170.2	151.9	133.5	125.5	117.3	114.2	110.8	109.1	108.1	107.7	107.2
52.5°	166.2	150.5	134.5	124.2	113.7	110.0	106.2	103.5	102.4	101.8	101.2
55°	152.1	142.3	132.2	119.8	107.4	104.1	100.5	98.6	96.7	96.3	95.9
57.5°	133.7	129.7	125.7	113.1	100.5	97.4	94.0	92.8	91.1	91.1	90.9
60°	111.9	117.7	123.6	109.1	94.4	90.9	87.3	86.3	85.6	85.4	85.2
62.5°	100.5	110.2	119.6	104.3	88.8	85.0	81.2	80.0	79.7	80.0	80.0
65°	90.9	93.8	96.7	89.6	82.5	78.7	74.7	73.5	73.9	74.5	75.1
67.5°	82.1	81.4	80.8	78.3	75.6	72.4	69.0	67.8	68.0	68.8	69.7
70°	73.7	72.8	71.8	69.9	68.0	65.3	62.5	61.7	61.5	62.5	63.4
72.5°	65.3	64.2	63.0	61.5	59.8	57.5	55.2	54.6	54.8	55.4	56.0
75°	56.0	55.2	54.1	52.9	51.4	49.3	47.2	46.8	47.2	47.8	48.5
77.5°	46.0	45.7	45.3	44.3	43.2	40.9	38.4	38.2	38.8	39.5	39.9
80°	35.9	36.1	36.3	35.5	34.6	32.1	29.4	29.2	29.8	30.4	31.1
82.5°	26.4	27.1	27.5	26.4	25.4	22.5	19.5	19.1	21.2	21.8	22.5
85°	15.3	16.2	17.0	16.2	15.3	12.4	9.4	9.2	11.1	12.2	13.2
87.5°	1.3	1.7	2.1	1.9	1.7	0.8	0.0	0.0	0.2	1.0	1.9
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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CATALOG NUMBER: GAN-SA1D-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

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CATALOG NUMBER: GAN-SA1D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1
2.5°	1366.8	1358.6	1356.1	1353.6	1344.4	1334.9	1344.6	1354.0	1358.0	1362.0	1351.7
5°	1111.4	1110.0	1110.0	1109.7	1101.4	1092.7	1099.3	1105.6	1091.5	1077.4	1076.0
7.5°	832.9	842.0	849.3	856.4	853.7	851.0	857.1	863.2	845.3	827.3	818.5
10°	616.8	618.7	626.6	634.6	636.5	638.2	645.7	653.1	639.2	625.4	619.3
12.5°	481.2	471.1	472.2	473.0	476.8	480.4	488.3	496.1	490.4	484.6	485.2
15°	389.7	376.9	371.7	366.2	370.4	374.6	380.3	385.7	385.9	385.9	391.4
17.5°	318.1	311.6	306.4	300.9	306.6	312.1	312.7	313.3	313.5	313.7	313.3
20°	260.6	263.8	262.1	260.4	262.5	264.4	266.1	267.6	265.7	263.6	258.3
22.5°	228.5	231.3	233.4	235.3	238.8	242.2	240.5	238.6	234.8	230.8	226.9
25°	209.9	211.8	213.8	215.9	218.9	221.6	218.7	215.7	213.0	210.3	207.6
27.5°	194.1	196.0	197.9	199.6	202.3	204.8	202.1	199.4	197.1	194.8	192.7
30°	181.3	182.6	184.0	185.5	188.0	190.3	188.0	185.5	183.8	181.9	180.5
32.5°	170.4	171.7	172.3	172.9	175.2	177.5	175.9	174.2	172.7	171.2	170.2
35°	158.4	161.0	161.4	161.8	164.1	166.4	165.4	164.1	162.4	160.8	158.9
37.5°	146.3	149.2	150.9	152.4	154.7	157.0	155.9	154.9	152.6	150.3	146.9
40°	136.0	137.2	140.4	143.3	147.1	150.7	148.6	146.3	142.7	139.1	137.5
42.5°	127.4	127.2	130.1	133.1	138.7	144.2	140.4	136.6	133.3	129.9	129.5
45°	119.8	119.2	120.7	122.1	128.2	134.1	130.3	126.3	124.4	122.6	122.6
47.5°	113.1	112.7	113.7	114.6	118.4	121.9	120.0	118.2	117.1	116.1	116.3
50°	107.0	106.6	107.7	108.5	110.0	111.2	111.6	111.9	111.2	110.6	111.0
52.5°	101.4	101.4	101.8	102.0	103.9	105.8	105.8	105.6	105.6	105.6	106.0
55°	96.5	97.0	97.0	97.0	99.9	102.6	101.8	100.9	101.2	101.2	101.6
57.5°	91.7	92.3	92.8	93.2	96.1	99.1	98.2	97.4	97.4	97.4	97.6
60°	86.3	87.1	87.9	88.8	91.7	94.6	93.8	92.8	93.0	93.2	93.4
62.5°	81.0	81.8	82.7	83.5	86.5	89.4	88.6	87.5	88.1	88.6	88.6
65°	76.0	76.6	77.4	78.3	81.0	83.7	82.9	82.1	82.9	83.5	83.9
67.5°	70.3	70.7	71.6	72.4	75.1	77.9	77.0	76.0	77.0	77.9	78.7
70°	63.8	64.2	65.3	66.1	68.8	71.6	70.5	69.5	70.5	71.6	72.4
72.5°	56.7	57.1	58.1	59.0	62.1	65.3	64.0	62.7	64.0	65.3	65.7
75°	48.9	49.3	50.6	51.6	54.8	57.9	56.9	55.6	56.7	57.7	57.9
77.5°	40.5	41.1	42.8	44.5	47.0	49.5	48.9	48.3	48.9	49.5	49.5
80°	31.7	32.3	34.4	36.3	37.8	39.2	39.5	39.7	39.9	40.1	39.9
82.5°	23.5	24.3	26.2	28.1	28.1	28.1	29.8	31.3	31.3	31.1	30.8
85°	14.5	15.5	17.2	18.9	17.8	16.8	19.5	22.0	22.0	21.8	21.4
87.5°	2.9	4.0	5.7	7.1	6.1	5.0	7.8	10.5	10.7	10.7	10.3
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):

	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

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CATALOG NUMBER: GAN-SA1D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1
2.5°	1341.2	1357.6	1373.8	1378.0	1384.2	1387.0	1389.5	1410.1	1430.4	1454.3	1478.3
5°	1074.3	1086.5	1098.6	1100.5	1107.0	1110.4	1113.7	1138.7	1163.5	1196.8	1230.2
7.5°	809.6	812.6	815.5	815.1	820.6	827.9	835.0	861.7	888.1	924.0	959.7
10°	613.2	619.9	626.4	632.5	644.5	658.3	672.0	699.3	726.5	762.0	797.3
12.5°	485.8	493.6	501.1	507.9	521.7	540.2	558.4	591.2	623.9	666.3	708.5
15°	396.6	396.0	395.4	400.0	412.2	432.3	452.3	486.9	521.5	568.1	614.5
17.5°	312.9	309.8	306.6	310.2	321.5	338.1	354.5	383.8	413.0	458.1	503.2
20°	253.1	251.0	248.9	252.3	259.4	266.3	273.2	294.4	315.4	352.1	388.7
22.5°	222.7	222.5	222.0	223.9	227.3	230.8	234.2	244.5	254.6	278.3	301.8
25°	204.8	204.6	204.4	205.2	208.0	210.7	213.4	220.1	226.9	238.2	249.5
27.5°	190.6	190.1	189.7	189.9	190.6	194.8	198.7	201.9	204.8	212.6	220.1
30°	179.0	178.8	178.6	178.6	178.0	179.4	180.9	185.7	190.3	198.3	206.3
32.5°	169.1	168.1	167.0	164.7	163.3	165.4	167.5	172.5	177.5	184.9	192.2
35°	156.8	154.0	151.1	149.8	150.1	152.1	154.2	159.3	164.1	172.1	179.9
37.5°	143.3	142.5	141.4	141.2	141.9	144.0	146.1	150.5	154.7	162.6	170.4
40°	135.8	135.4	134.9	134.5	134.9	137.0	139.1	143.3	147.3	155.1	162.6
42.5°	129.1	128.9	128.6	128.6	128.9	131.2	133.5	137.7	141.7	148.6	155.5
45°	122.6	122.8	122.8	123.2	123.8	126.1	128.2	132.8	137.5	144.2	150.9
47.5°	116.5	117.1	117.5	118.6	119.2	121.7	124.0	129.1	134.1	142.5	150.7
50°	111.2	111.9	112.3	113.1	114.8	117.7	120.7	126.8	132.6	146.7	160.5
52.5°	106.4	107.0	107.7	108.5	110.6	114.0	117.3	124.9	132.2	148.6	165.0
55°	102.0	102.6	103.0	104.3	106.4	109.3	112.1	121.3	130.5	142.5	154.5
57.5°	97.8	98.4	98.8	99.7	100.7	103.9	106.8	116.7	126.5	134.9	143.1
60°	93.4	93.8	94.0	94.0	94.9	98.4	102.0	114.6	127.0	125.5	123.8
62.5°	88.6	89.0	89.2	88.6	89.6	93.4	97.2	113.5	129.9	119.8	109.8
65°	84.2	83.9	83.7	83.1	84.4	88.1	91.7	99.9	108.1	104.1	100.1
67.5°	79.3	78.7	78.1	77.2	78.5	81.8	85.0	87.7	90.5	90.9	91.3
70°	73.2	72.4	71.6	71.4	72.0	74.7	77.4	79.3	81.0	81.8	82.5
72.5°	66.1	65.5	64.8	64.4	64.6	66.9	69.0	70.7	72.4	73.0	73.5
75°	58.1	58.1	57.9	56.7	56.7	58.6	60.2	61.7	63.2	64.0	64.8
77.5°	49.5	49.7	49.7	48.1	47.8	49.7	51.4	52.7	53.7	54.6	55.2
80°	39.7	39.2	38.8	37.8	37.4	39.7	41.8	42.8	43.7	43.9	43.9
82.5°	30.4	29.6	28.5	26.2	26.4	29.0	31.3	32.1	32.9	32.9	32.9
85°	20.8	19.1	17.2	15.3	15.5	18.3	20.8	21.6	22.5	22.9	23.1
87.5°	9.9	8.2	6.3	4.8	4.8	7.1	9.2	9.7	10.1	10.9	11.8
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: P320775
 CATALOG NUMBER: GAN-SA1D-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: P320775

CATALOG NUMBER: GAN-SA1D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1
2.5°	1496.5	1514.6	1533.2	1551.9	1573.3	1594.7	1619.7	1644.5	1665.7	1686.9	1704.5
5°	1259.0	1287.7	1321.5	1355.3	1398.3	1441.3	1494.0	1546.5	1593.3	1640.1	1694.4
7.5°	997.3	1034.6	1078.7	1122.8	1178.4	1234.0	1302.2	1370.4	1436.5	1502.4	1585.9
10°	836.5	875.8	919.2	962.4	1019.1	1075.5	1147.7	1219.7	1294.0	1368.1	1462.5
12.5°	752.1	795.6	833.8	872.0	917.9	963.7	1033.6	1103.5	1190.8	1277.8	1368.7
15°	662.1	709.5	755.3	801.0	851.2	901.1	969.1	1037.1	1132.6	1228.1	1332.6
17.5°	553.2	603.1	659.0	714.6	780.1	845.3	932.4	1019.5	1132.6	1245.5	1368.7
20°	439.7	490.7	557.4	624.1	705.6	786.8	899.7	1012.6	1164.9	1317.1	1474.3
22.5°	346.9	391.8	464.6	537.2	631.3	725.3	870.1	1014.7	1213.8	1412.8	1625.0
25°	281.2	312.9	384.5	455.8	564.3	672.8	852.0	1031.0	1285.0	1538.7	1801.9
27.5°	240.9	261.7	328.4	395.0	513.5	631.9	844.7	1057.3	1375.2	1693.2	1994.3
30°	220.8	235.3	291.7	348.0	468.4	588.9	835.9	1082.9	1462.1	1841.1	2144.8
32.5°	204.0	215.5	263.8	311.9	429.4	546.9	818.9	1090.6	1522.8	1954.9	2272.2
35°	189.7	199.4	241.3	283.3	398.7	514.2	790.3	1066.5	1560.7	2055.0	2404.8
37.5°	178.2	185.7	224.6	263.4	372.3	481.2	757.8	1034.4	1594.5	2154.6	2554.0
40°	169.1	175.7	212.0	248.3	347.1	446.0	729.9	1013.6	1641.1	2268.6	2711.6
42.5°	164.1	172.5	201.0	229.4	323.2	417.0	707.4	997.9	1684.3	2370.6	2849.5
45°	162.9	174.8	195.4	215.9	305.3	394.7	687.5	980.1	1712.3	2444.5	2953.4
47.5°	160.8	170.6	191.0	211.3	296.5	381.5	676.8	971.9	1740.2	2508.3	3039.6
50°	162.0	163.3	187.4	211.3	295.3	379.2	689.0	998.7	1800.6	2602.3	3138.3
52.5°	159.7	154.2	180.7	207.1	295.1	383.0	724.0	1065.0	1912.9	2760.5	3245.1
55°	147.5	140.4	168.1	195.8	290.7	385.3	765.8	1146.1	2063.6	2980.9	3437.1
57.5°	136.8	130.3	153.8	177.1	277.2	377.3	808.8	1240.1	2222.9	3205.4	3653.5
60°	122.6	121.1	137.9	154.7	256.5	358.0	844.3	1330.3	2329.9	3329.2	3736.8
62.5°	110.8	111.6	124.0	136.4	230.4	324.2	856.0	1387.6	2326.9	3266.3	3652.8
65°	101.8	103.3	115.4	127.6	208.2	288.8	817.4	1345.8	2209.2	3072.4	3486.8
67.5°	93.0	94.6	109.1	123.4	188.5	253.3	720.9	1188.2	1997.5	2806.5	3275.7
70°	84.6	86.7	102.4	118.2	174.2	230.0	596.4	962.8	1732.4	2501.8	3031.2
72.5°	75.6	77.6	94.4	111.2	165.2	218.9	486.2	753.4	1405.9	2058.1	2592.8
75°	66.3	67.8	86.0	104.1	152.8	201.5	381.5	561.4	1076.0	1590.5	1958.4
77.5°	57.1	59.0	74.3	89.4	129.7	169.8	287.5	405.2	789.5	1173.5	1362.0
80°	45.5	47.2	58.1	68.8	100.1	131.2	197.7	264.2	543.3	822.4	928.6
82.5°	34.8	36.7	44.1	51.2	71.4	91.5	119.8	148.2	361.0	573.6	582.4
85°	23.9	24.6	29.8	34.8	44.1	53.3	68.6	83.9	238.8	393.7	328.0
87.5°	12.0	12.0	15.5	19.1	23.7	28.3	36.3	44.1	76.4	108.7	62.5
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: P320775
 CATALOG NUMBER: GAN-SA1D-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: P320775

CATALOG NUMBER: GAN-SA1D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1
2.5°	1726.9	1742.3	1757.8	1769.6	1781.5	1798.7	1815.9	1819.1	1822.4	1815.7	1809.0
5°	1749.2	1795.6	1842.2	1885.2	1928.2	1954.0	1979.8	1985.1	1990.3	1974.2	1957.8
7.5°	1666.7	1747.5	1828.3	1902.4	1976.5	2021.4	2066.5	2076.6	2086.9	2060.4	2034.0
10°	1556.5	1655.8	1755.1	1852.7	1950.2	2015.5	2080.8	2093.8	2106.8	2073.9	2040.9
12.5°	1471.3	1577.3	1683.3	1786.1	1889.2	1956.7	2024.3	2040.5	2056.6	2032.7	2008.6
15°	1445.1	1544.8	1644.5	1734.1	1823.9	1879.1	1934.5	1941.0	1947.7	1943.9	1940.2
17.5°	1492.7	1582.8	1673.0	1721.7	1770.6	1792.6	1814.9	1822.0	1829.4	1838.8	1848.5
20°	1608.2	1671.5	1735.1	1733.0	1730.7	1720.0	1709.1	1707.2	1705.3	1732.4	1759.7
22.5°	1780.5	1805.6	1831.0	1772.1	1713.1	1677.2	1641.1	1634.0	1626.6	1655.4	1684.3
25°	1967.5	1962.8	1958.0	1845.7	1733.2	1664.8	1596.4	1588.4	1580.5	1605.0	1629.8
27.5°	2152.5	2122.3	2092.1	1939.5	1787.0	1687.7	1588.4	1580.5	1572.5	1594.3	1616.1
30°	2288.3	2239.9	2191.4	2018.7	1845.9	1728.0	1610.1	1597.0	1583.8	1610.7	1637.5
32.5°	2394.3	2329.3	2264.2	2082.9	1901.6	1774.0	1646.4	1626.0	1605.6	1641.5	1677.4
35°	2500.1	2408.6	2316.9	2140.2	1963.3	1828.3	1693.2	1668.2	1643.2	1692.5	1741.8
37.5°	2633.1	2501.8	2370.2	2204.6	2039.0	1909.7	1780.3	1754.7	1729.0	1791.8	1854.8
40°	2777.5	2602.3	2427.0	2275.1	2123.2	2022.4	1921.5	1897.1	1872.6	1949.0	2025.4
42.5°	2897.6	2695.9	2494.2	2360.1	2225.8	2154.9	2083.7	2083.5	2083.1	2160.5	2238.0
45°	2995.1	2773.9	2552.5	2443.0	2333.2	2296.3	2259.4	2289.0	2318.5	2388.4	2458.5
47.5°	3068.0	2839.4	2610.7	2537.9	2465.0	2470.5	2475.9	2536.2	2596.4	2641.3	2686.4
50°	3115.4	2898.8	2682.0	2659.6	2637.1	2686.0	2735.1	2804.2	2873.4	2904.1	2934.7
52.5°	3184.4	2979.4	2774.2	2799.3	2824.5	2924.4	3024.3	3094.2	3164.1	3175.4	3187.0
55°	3344.1	3127.6	2910.8	2959.0	3007.5	3154.0	3300.7	3355.3	3409.8	3414.0	3418.2
57.5°	3571.0	3335.1	3099.2	3151.3	3203.3	3372.5	3541.8	3600.6	3659.6	3651.4	3643.0
60°	3740.8	3532.2	3323.4	3375.8	3428.3	3593.2	3758.2	3825.8	3893.6	3875.5	3857.5
62.5°	3751.3	3639.8	3528.2	3575.6	3623.3	3784.9	3946.4	4015.9	4085.4	4053.9	4022.4
65°	3584.4	3634.4	3684.3	3700.1	3715.8	3866.5	4017.4	4070.5	4123.8	4107.8	4091.9
67.5°	3354.6	3538.7	3722.9	3691.3	3659.6	3730.3	3801.0	3855.8	3910.6	3901.5	3892.3
70°	3125.3	3371.0	3616.8	3461.0	3305.1	3275.9	3246.8	3305.7	3364.9	3328.4	3291.7
72.5°	2734.7	2996.6	3258.7	2971.8	2685.0	2585.3	2485.6	2560.5	2635.4	2577.3	2519.0
75°	2146.7	2436.1	2725.7	2383.4	2041.1	1908.1	1775.0	1839.4	1903.9	1864.0	1823.9
77.5°	1598.1	1883.3	2168.5	1820.5	1472.4	1373.5	1274.5	1293.6	1312.9	1306.2	1299.3
80°	1083.9	1282.7	1481.6	1249.9	1018.2	1025.8	1033.6	1024.5	1015.3	1028.7	1042.2
82.5°	691.7	845.1	998.7	875.8	752.8	823.3	893.8	859.2	824.3	837.1	850.1
85°	394.7	544.8	695.1	647.8	600.4	641.5	682.9	629.2	575.4	598.9	622.7
87.5°	104.1	301.4	498.8	452.9	406.9	353.6	300.3	229.2	158.0	230.8	303.7
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: P320775

CATALOG NUMBER: GAN-SA1D-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°	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1	1599.1
2.5°	1805.4	1801.9	1789.1	1776.1	1756.8	1740.8	1713.1
5°	1935.1	1912.5	1873.4	1834.2	1790.5	1740.4	1684.8
7.5°	1981.1	1928.0	1853.1	1777.9	1710.4	1631.0	1557.2
10°	1961.6	1882.0	1784.7	1687.1	1605.0	1513.7	1431.7
12.5°	1924.2	1839.6	1732.4	1625.0	1531.6	1433.6	1341.6
15°	1872.8	1805.2	1704.7	1604.2	1510.2	1414.9	1306.0
17.5°	1816.6	1784.5	1711.8	1639.0	1557.6	1465.3	1337.4
20°	1771.2	1783.0	1754.0	1725.1	1659.8	1579.2	1435.7
22.5°	1740.6	1797.0	1819.3	1841.7	1802.5	1739.5	1573.5
25°	1723.4	1817.0	1891.5	1966.2	1948.8	1900.3	1741.0
27.5°	1730.9	1845.7	1961.4	2077.2	2093.4	2079.9	1917.5
30°	1753.6	1869.9	2010.7	2151.7	2216.1	2234.2	2064.6
32.5°	1791.4	1905.3	2058.7	2212.4	2309.7	2367.2	2199.1
35°	1848.5	1955.1	2115.0	2274.9	2400.8	2505.7	2338.1
37.5°	1946.5	2038.2	2185.7	2333.4	2496.7	2654.3	2491.1
40°	2090.0	2154.9	2279.5	2404.4	2609.8	2822.6	2661.7
42.5°	2271.1	2304.5	2403.3	2502.2	2728.0	2975.4	2828.5
45°	2467.3	2476.2	2538.3	2600.6	2821.6	3079.5	2953.8
47.5°	2656.2	2626.0	2650.8	2675.5	2893.4	3153.8	3048.9
50°	2850.5	2766.4	2753.4	2740.4	2965.1	3241.3	3169.7
52.5°	3048.2	2909.5	2858.1	2806.5	3050.8	3357.4	3320.2
55°	3241.7	3065.2	2996.0	2926.7	3181.7	3499.0	3541.2
57.5°	3443.0	3243.0	3178.8	3114.6	3374.2	3678.5	3739.5
60°	3659.6	3461.5	3410.0	3358.4	3613.4	3872.4	3827.9
62.5°	3865.0	3707.6	3680.6	3653.3	3855.4	4021.4	3793.5
65°	4002.3	3912.4	3937.6	3963.0	4038.4	4058.5	3692.7
67.5°	3910.6	3928.8	4035.2	4141.8	4090.0	3948.1	3494.2
70°	3401.0	3510.6	3762.6	4014.9	3899.9	3652.4	3137.8
72.5°	2641.9	2765.1	3139.3	3513.7	3407.7	3104.7	2577.3
75°	1962.8	2102.0	2515.0	2928.0	2780.9	2322.3	1845.3
77.5°	1392.4	1485.6	1893.4	2301.3	2061.5	1545.8	1241.8
80°	1013.6	985.1	1212.4	1439.6	1399.8	1022.4	797.5
82.5°	780.5	710.8	817.8	924.9	919.0	709.5	585.1
85°	594.7	566.8	661.5	756.1	675.1	480.6	371.9
87.5°	346.7	389.9	501.4	613.0	460.0	145.9	72.2
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)