

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: P320587

Luminaire Tested: **GAN-SA3A-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320587
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA3A-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 70 CRI, 3000K, 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: 11386 lumens
Efficiency: N/A
Efficacy: 118.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

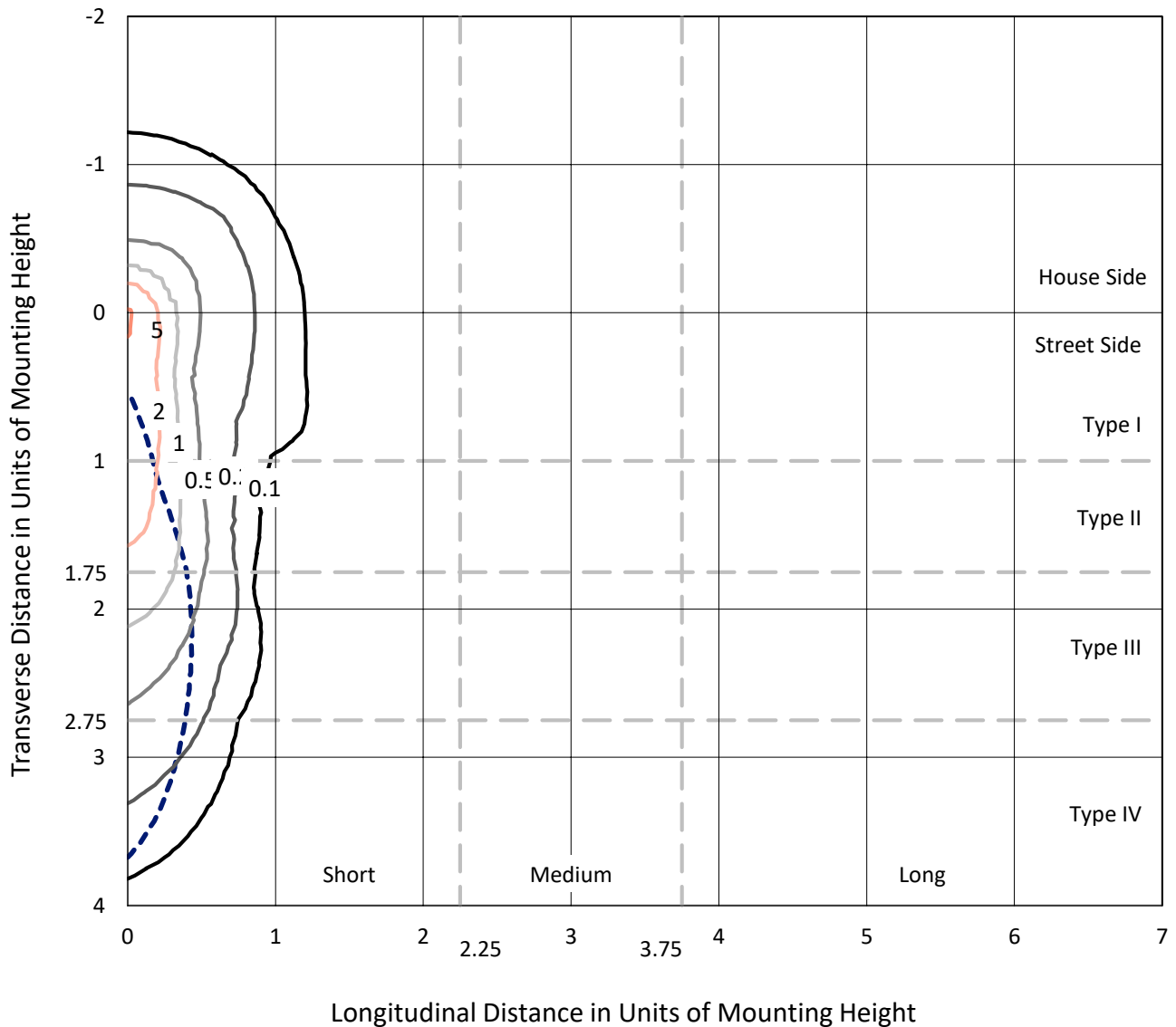
Input Watts (W): 96
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

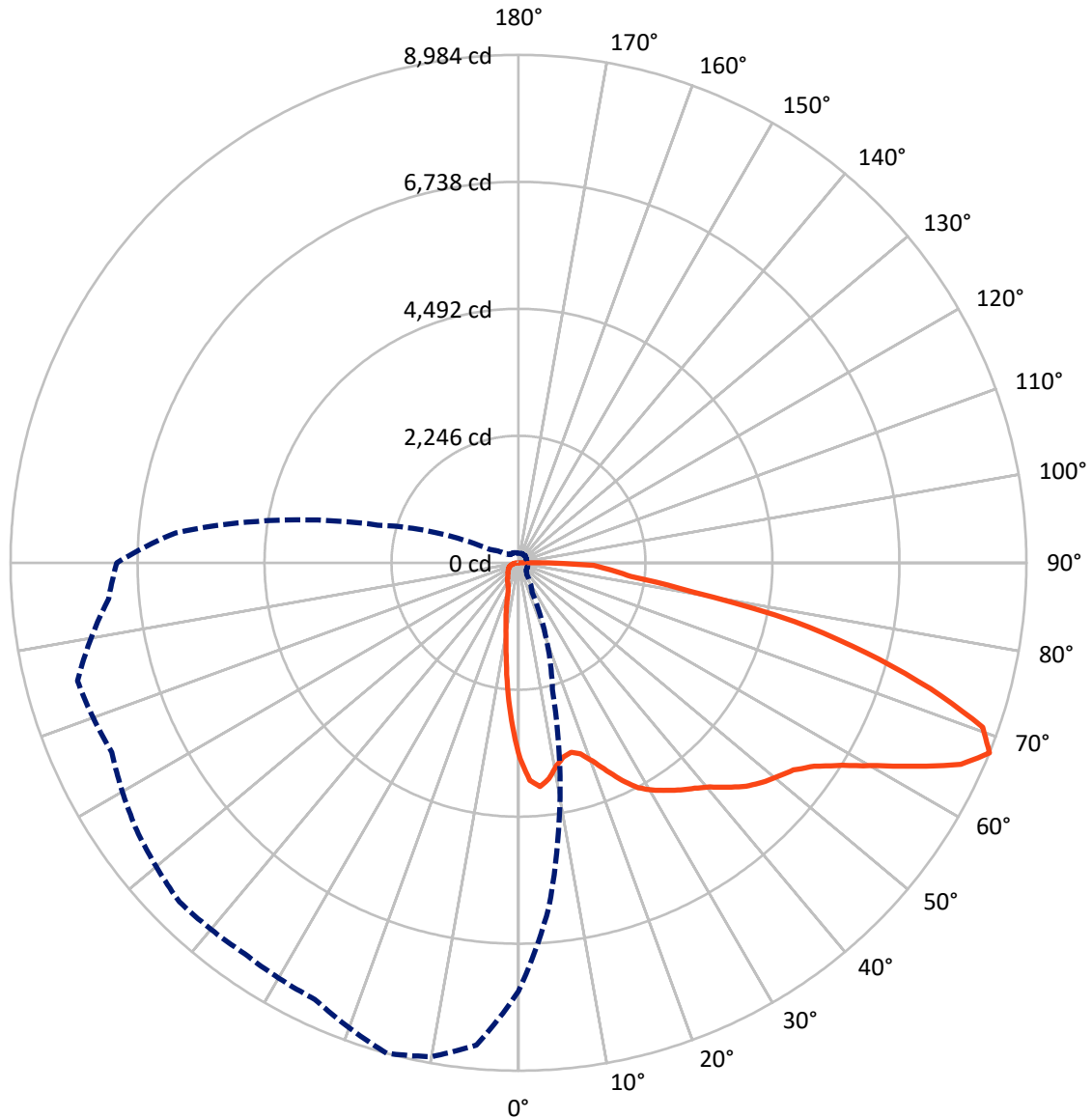
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.6 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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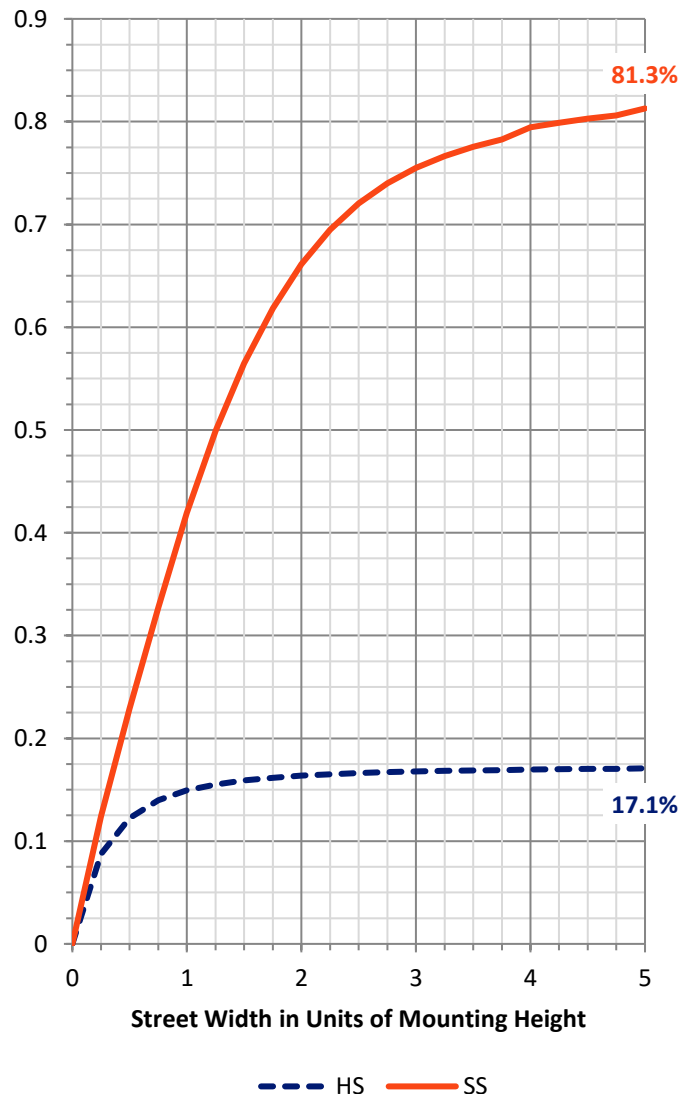
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1968.4	0.0	1968.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	9417.6	0.0	9417.6
	% Fixture	82.7	0.0	82.7
Total	Lumens	11386.0	0.0	11386.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	267.7	2.4
10°-20°	556.1	4.9
20°-30°	791.0	6.9
30°-40°	1139.8	10.0
40°-50°	1606.3	14.1
50°-60°	2233.0	19.6
60°-70°	2700.4	23.7
70°-80°	1659.9	14.6
80°-90°	431.9	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°	11386.0	100.0
0°-180°	11386.0	100.0

Coefficient of Utilization

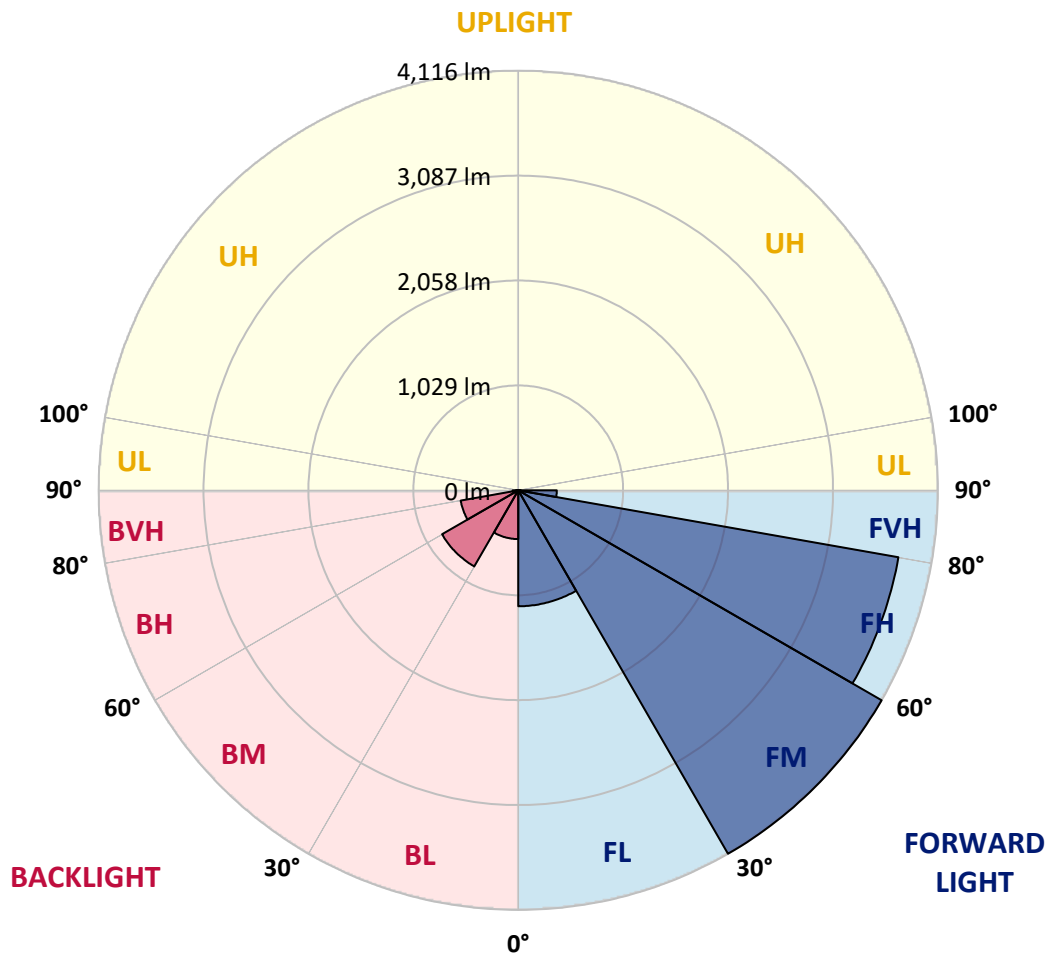


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1136.9	10.0			
FM (30°-60°)	4116.3	36.2			
FH (60°-80°)	3786.6	33.3			G2/5000
FVH (80°-90°)	377.8	3.3			G3/500
BL (0°-30°)	477.9	4.2	B1/500		
BM (30°-60°)	862.7	7.6	B1/1000		
BH (60°-80°)	573.6	5.0	B2/1000		G2/1000
BVH (80°-90°)	54.1	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8
2.5°	3716.0	3683.2	3633.6	3584.0	3547.1	3509.8	3467.5	3425.1	3376.9	3328.2	3299.5
5°	3654.6	3563.5	3445.2	3326.8	3248.5	3170.2	3081.4	2992.7	2904.8	2816.9	2769.6
7.5°	3377.8	3241.2	3087.3	2933.5	2819.7	2705.4	2582.5	2459.1	2349.9	2240.2	2172.3
10°	3105.6	2941.7	2765.0	2588.0	2442.3	2296.6	2173.2	2049.4	1967.0	1884.6	1822.3
12.5°	2910.3	2728.6	2534.2	2339.4	2193.7	2048.1	1969.8	1891.5	1823.2	1754.9	1683.0
15°	2832.9	2627.6	2428.6	2229.2	2096.8	1964.3	1877.4	1789.9	1698.4	1606.5	1518.2
17.5°	2901.2	2660.8	2444.6	2228.3	2054.9	1881.4	1759.9	1637.9	1517.3	1396.6	1294.2
20°	3114.2	2807.4	2524.7	2241.5	2010.7	1779.9	1617.0	1453.5	1298.8	1144.0	1027.9
22.5°	3413.3	3007.2	2638.0	2268.8	1970.7	1672.0	1467.6	1262.8	1079.8	896.8	783.0
25°	3776.6	3272.2	2801.5	2330.3	1954.3	1577.8	1326.5	1075.2	882.2	688.8	607.7
27.5°	4159.4	3588.1	3004.5	2420.4	1957.0	1493.6	1207.7	921.4	747.5	573.6	518.0
30°	4478.5	3949.1	3241.2	2532.9	1967.5	1402.1	1095.7	789.4	646.0	502.6	466.6
32.5°	4770.3	4200.8	3419.7	2638.0	1979.3	1320.2	1009.2	697.9	580.9	463.4	433.8
35°	5071.7	4424.3	3544.4	2664.0	1958.8	1253.2	950.1	646.9	539.0	430.6	405.6
37.5°	5403.5	4666.1	3664.6	2662.6	1924.2	1185.9	904.1	621.8	511.7	401.1	382.8
40°	5773.6	4933.3	3794.8	2656.2	1892.8	1129.0	869.9	610.5	496.7	382.4	366.9
42.5°	6135.5	5188.2	3915.9	2643.5	1867.3	1090.7	836.3	581.8	483.0	383.8	361.9
45°	6407.3	5410.8	4021.0	2630.8	1848.2	1065.7	809.8	554.0	470.2	386.5	358.7
47.5°	6613.5	5634.3	4137.6	2640.3	1846.4	1052.5	791.2	529.9	446.1	361.9	350.5
50°	6875.7	5902.9	4307.4	2711.8	1871.4	1031.1	769.3	507.1	422.9	338.7	354.2
52.5°	7202.1	6286.2	4570.5	2854.3	1923.8	993.3	734.7	476.2	394.7	312.7	336.9
55°	7681.5	6777.4	4906.9	3035.9	1987.1	937.8	682.4	426.5	357.4	287.7	309.1
57.5°	8111.7	7273.6	5229.6	3185.2	2026.7	867.7	616.4	365.1	315.5	265.9	278.1
60°	8303.3	7529.4	5380.8	3231.7	2003.0	774.3	542.2	309.6	278.6	247.6	245.4
62.5°	8228.7	7366.9	5231.9	3096.9	1887.4	677.8	476.6	275.4	252.2	228.5	223.5
65°	8010.2	6856.2	4814.9	2773.7	1692.1	610.5	435.2	259.9	234.0	208.0	202.6
67.5°	7579.5	6129.2	4224.0	2318.9	1444.0	569.0	411.5	254.0	222.6	190.7	184.4
70°	6806.5	5254.2	3543.5	1832.3	1188.1	543.5	396.0	248.6	210.3	171.6	165.7
72.5°	5590.6	4212.7	2829.7	1446.3	993.3	540.4	394.2	248.1	200.3	152.5	147.0
75°	4002.8	3199.8	2160.0	1119.9	813.5	507.1	374.2	241.3	186.6	131.6	126.6
77.5°	2693.6	2214.7	1501.3	787.5	603.6	419.7	314.6	209.4	159.8	110.2	105.2
80°	1729.9	1532.7	1006.0	479.4	391.5	303.6	224.9	146.1	116.5	86.5	82.4
82.5°	1269.2	1140.8	699.2	257.7	217.6	177.1	137.5	97.9	79.7	61.5	59.6
85°	806.7	889.5	514.9	140.2	114.7	89.2	73.7	58.3	46.0	33.7	33.7
87.5°	156.6	216.7	142.5	67.8	49.6	31.4	26.9	21.9	12.3	2.3	2.7
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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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°	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8
2.5°	3270.3	3238.9	3207.5	3172.0	3136.1	3102.8	3069.1	3032.3	3039.1	3010.9	2982.6
5°	2722.3	2672.2	2621.6	2577.9	2534.2	2496.5	2458.2	2424.1	2453.7	2433.6	2413.6
7.5°	2104.1	2042.1	1979.8	1927.4	1875.1	1834.6	1793.6	1765.4	1794.5	1790.9	1787.2
10°	1759.9	1699.8	1639.3	1581.5	1523.6	1474.5	1424.9	1383.0	1375.7	1354.8	1333.4
12.5°	1610.6	1528.2	1445.3	1384.8	1324.3	1265.5	1206.8	1157.6	1135.3	1100.7	1065.7
15°	1429.9	1332.4	1235.0	1166.3	1097.1	1040.2	982.8	940.5	926.4	899.5	872.7
17.5°	1191.8	1085.3	978.7	909.1	839.0	793.5	747.5	719.3	719.3	711.5	703.8
20°	911.8	816.7	721.5	668.3	615.0	590.9	566.3	554.5	558.1	558.6	558.6
22.5°	668.7	610.5	552.2	530.8	508.9	500.3	491.6	486.6	488.5	488.9	489.4
25°	526.7	504.4	481.6	470.7	459.3	453.9	448.4	446.6	450.7	451.1	451.1
27.5°	462.5	448.9	434.7	427.9	420.6	418.4	416.1	412.9	417.0	417.0	416.5
30°	430.2	415.6	401.1	392.4	383.8	384.7	385.1	384.2	386.9	388.8	390.1
32.5°	403.8	389.7	375.6	366.9	357.8	356.4	355.1	354.2	360.1	363.3	366.5
35°	380.1	364.6	349.2	341.0	332.8	329.6	326.4	324.1	329.6	333.7	337.8
37.5°	364.2	348.2	331.9	324.1	315.9	311.8	307.7	305.0	307.3	309.1	310.9
40°	351.4	335.0	318.2	309.1	300.0	295.9	291.8	289.5	290.9	291.3	291.8
42.5°	339.6	323.7	307.7	297.7	287.2	282.2	277.2	274.5	275.4	276.3	276.8
45°	330.9	315.0	298.6	286.8	274.5	269.0	263.6	260.4	260.8	260.8	260.8
47.5°	339.1	315.9	292.3	278.6	264.5	258.1	251.7	248.6	247.6	246.7	245.8
50°	369.2	329.6	289.5	272.2	254.5	247.6	240.4	236.7	234.4	233.5	232.6
52.5°	360.5	326.4	291.8	269.5	246.7	238.5	230.3	224.4	222.2	220.8	219.4
55°	330.0	308.6	286.8	259.9	233.1	225.8	218.1	214.0	209.9	208.9	208.0
57.5°	290.0	281.3	272.7	245.4	218.1	211.2	203.9	201.2	197.6	197.6	197.1
60°	242.6	255.4	268.1	236.7	204.9	197.1	189.4	187.1	185.7	185.3	184.8
62.5°	218.1	239.0	259.5	226.2	192.6	184.4	176.2	173.4	173.0	173.4	173.4
65°	197.1	203.5	209.9	194.4	178.9	170.7	162.1	159.3	160.2	161.6	163.0
67.5°	178.0	176.6	175.3	169.8	163.9	157.1	149.8	147.0	147.5	149.3	151.1
70°	159.8	158.0	155.7	151.6	147.5	141.6	135.7	133.8	133.4	135.7	137.5
72.5°	141.6	139.3	136.6	133.4	129.7	124.7	119.7	118.4	118.8	120.2	121.5
75°	121.5	119.7	117.4	114.7	111.5	107.0	102.4	101.5	102.4	103.8	105.2
77.5°	99.7	99.2	98.3	96.1	93.8	88.8	83.3	82.9	84.2	85.6	86.5
80°	77.8	78.3	78.8	76.9	75.1	69.6	63.7	63.3	64.6	66.0	67.4
82.5°	57.4	58.7	59.6	57.4	55.1	48.7	42.3	41.4	46.0	47.3	48.7
85°	33.2	35.1	36.9	35.1	33.2	26.9	20.5	20.0	24.1	26.4	28.7
87.5°	2.7	3.6	4.6	4.1	3.6	1.8	0.0	0.0	0.5	2.3	4.1
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



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 CATALOG NUMBER: GAN-SA3A-730-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: P320587
 CATALOG NUMBER: GAN-SA3A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8
2.5°	2964.9	2947.1	2941.7	2936.2	2916.2	2895.7	2916.6	2937.1	2945.8	2954.4	2932.1
5°	2410.9	2407.7	2407.7	2407.2	2389.0	2370.4	2384.5	2398.1	2367.6	2337.1	2333.9
7.5°	1806.8	1826.4	1842.3	1857.8	1851.9	1845.9	1859.1	1872.3	1833.7	1794.5	1775.4
10°	1337.9	1342.0	1359.3	1376.6	1380.7	1384.3	1400.7	1416.7	1386.6	1356.6	1343.4
12.5°	1043.8	1022.0	1024.3	1026.1	1034.3	1042.0	1059.3	1076.2	1063.9	1051.1	1052.5
15°	845.4	817.6	806.2	794.4	803.5	812.6	824.9	836.7	837.2	837.2	849.0
17.5°	690.1	676.0	664.6	652.8	665.1	676.9	678.3	679.7	680.1	680.6	679.7
20°	565.4	572.2	568.6	564.9	569.5	573.6	577.2	580.4	576.3	571.8	560.4
22.5°	495.7	501.7	506.2	510.3	518.0	525.3	521.7	517.6	509.4	500.7	492.1
25°	455.2	459.3	463.9	468.4	474.8	480.7	474.3	468.0	462.1	456.1	450.2
27.5°	421.1	425.2	429.3	432.9	438.8	444.3	438.4	432.5	427.5	422.4	417.9
30°	393.3	396.0	399.2	402.4	407.9	412.9	407.9	402.4	398.8	394.7	391.5
32.5°	369.6	372.4	373.7	375.1	380.1	385.1	381.5	377.8	374.7	371.5	369.2
35°	343.7	349.2	350.1	351.0	356.0	361.0	358.7	356.0	352.3	348.7	344.6
37.5°	317.3	323.7	327.3	330.5	335.5	340.5	338.2	336.0	330.9	325.9	318.7
40°	295.0	297.7	304.5	310.9	319.1	326.9	322.3	317.3	309.6	301.8	298.2
42.5°	276.3	275.9	282.2	288.6	300.9	312.7	304.5	296.4	289.1	281.8	280.9
45°	259.9	258.6	261.8	264.9	278.1	290.9	282.7	274.0	269.9	265.9	265.9
47.5°	245.4	244.5	246.7	248.6	256.7	264.5	260.4	256.3	254.0	251.7	252.2
50°	232.2	231.3	233.5	235.4	238.5	241.3	242.2	242.6	241.3	239.9	240.8
52.5°	219.9	219.9	220.8	221.2	225.3	229.4	229.4	229.0	229.0	229.0	229.9
55°	209.4	210.3	210.3	210.3	216.7	222.6	220.8	219.0	219.4	219.4	220.3
57.5°	198.9	200.3	201.2	202.1	208.5	214.9	213.0	211.2	211.2	211.2	211.7
60°	187.1	188.9	190.7	192.6	198.9	205.3	203.5	201.2	201.7	202.1	202.6
62.5°	175.7	177.5	179.4	181.2	187.6	193.9	192.1	189.8	191.2	192.1	192.1
65°	164.8	166.2	168.0	169.8	175.7	181.6	179.8	178.0	179.8	181.2	182.1
67.5°	152.5	153.4	155.2	157.1	163.0	168.9	167.1	164.8	167.1	168.9	170.7
70°	138.4	139.3	141.6	143.4	149.3	155.2	153.0	150.7	153.0	155.2	157.1
72.5°	122.9	123.8	126.1	127.9	134.7	141.6	138.8	136.1	138.8	141.6	142.5
75°	106.1	107.0	109.7	112.0	118.8	125.6	123.4	120.6	122.9	125.2	125.6
77.5°	87.9	89.2	92.9	96.5	102.0	107.4	106.1	104.7	106.1	107.4	107.4
80°	68.7	70.1	74.7	78.8	81.9	85.1	85.6	86.0	86.5	86.9	86.5
82.5°	51.0	52.8	56.9	61.0	61.0	61.0	64.6	67.8	67.8	67.4	66.9
85°	31.4	33.7	37.3	41.0	38.7	36.4	42.3	47.8	47.8	47.3	46.4
87.5°	6.4	8.6	12.3	15.5	13.2	10.9	16.8	22.8	23.2	23.2	22.3
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: P320587
 CATALOG NUMBER: GAN-SA3A-730-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: P320587
 CATALOG NUMBER: GAN-SA3A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8
2.5°	2909.4	2944.9	2979.9	2989.0	3002.7	3008.6	3014.1	3058.7	3102.8	3154.7	3206.6
5°	2330.3	2356.7	2383.1	2387.2	2401.3	2408.6	2415.9	2470.1	2523.8	2596.2	2668.5
7.5°	1756.3	1762.6	1769.0	1768.1	1779.9	1795.9	1811.3	1869.2	1926.5	2004.4	2081.7
10°	1330.2	1344.7	1358.9	1372.1	1398.0	1428.0	1457.6	1516.8	1576.0	1652.9	1729.4
12.5°	1053.8	1070.7	1087.1	1101.6	1131.7	1171.8	1211.4	1282.4	1353.4	1445.3	1536.8
15°	860.4	859.0	857.6	867.7	894.1	937.8	981.0	1056.1	1131.2	1232.3	1332.9
17.5°	678.7	671.9	665.1	672.8	697.4	733.4	768.9	832.6	895.9	993.8	1091.6
20°	549.0	544.5	539.9	547.2	562.7	577.7	592.7	638.7	684.2	763.9	843.1
22.5°	483.0	482.5	481.6	485.7	493.0	500.7	508.0	530.3	552.2	603.6	654.6
25°	444.3	443.8	443.4	445.2	451.1	457.0	463.0	477.5	492.1	516.7	541.3
27.5°	413.3	412.4	411.5	412.0	413.3	422.4	431.1	437.9	444.3	461.1	477.5
30°	388.3	387.9	387.4	387.4	386.0	389.2	392.4	402.9	412.9	430.2	447.5
32.5°	366.9	364.6	362.4	357.4	354.2	358.7	363.3	374.2	385.1	401.1	417.0
35°	340.1	334.1	327.8	325.0	325.5	330.0	334.6	345.5	356.0	373.3	390.1
37.5°	310.9	309.1	306.8	306.4	307.7	312.3	316.8	326.4	335.5	352.8	369.6
40°	294.5	293.6	292.7	291.8	292.7	297.3	301.8	310.9	319.6	336.4	352.8
42.5°	280.0	279.5	279.1	279.1	279.5	284.5	289.5	298.6	307.3	322.3	337.3
45°	265.9	266.3	266.3	267.2	268.6	273.6	278.1	288.2	298.2	312.7	327.3
47.5°	252.7	254.0	254.9	257.2	258.6	264.0	269.0	280.0	290.9	309.1	326.9
50°	241.3	242.6	243.5	245.4	249.0	255.4	261.8	275.0	287.7	318.2	348.2
52.5°	230.8	232.2	233.5	235.4	239.9	247.2	254.5	270.9	286.8	322.3	357.8
55°	221.2	222.6	223.5	226.2	230.8	237.2	243.1	263.1	283.2	309.1	335.0
57.5°	212.1	213.5	214.4	216.2	218.5	225.3	231.7	253.1	274.5	292.7	310.5
60°	202.6	203.5	203.9	203.9	205.8	213.5	221.2	248.6	275.4	272.2	268.6
62.5°	192.1	193.0	193.5	192.1	194.4	202.6	210.8	246.3	281.8	259.9	238.1
65°	182.5	182.1	181.6	180.3	183.0	191.2	198.9	216.7	234.4	225.8	217.1
67.5°	172.1	170.7	169.3	167.5	170.3	177.5	184.4	190.3	196.2	197.1	198.0
70°	158.9	157.1	155.2	154.8	156.1	162.1	168.0	172.1	175.7	177.5	178.9
72.5°	143.4	142.0	140.7	139.8	140.2	145.2	149.8	153.4	157.1	158.4	159.3
75°	126.1	126.1	125.6	122.9	122.9	127.0	130.6	133.8	137.0	138.8	140.7
77.5°	107.4	107.9	107.9	104.2	103.8	107.9	111.5	114.3	116.5	118.4	119.7
80°	86.0	85.1	84.2	81.9	81.0	86.0	90.6	92.9	94.7	95.1	95.1
82.5°	66.0	64.2	61.9	56.9	57.4	62.8	67.8	69.6	71.5	71.5	71.5
85°	45.1	41.4	37.3	33.2	33.7	39.6	45.1	46.9	48.7	49.6	50.1
87.5°	21.4	17.8	13.7	10.5	10.5	15.5	20.0	20.9	21.9	23.7	25.5
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: P320587
 CATALOG NUMBER: GAN-SA3A-730-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: P320587
 CATALOG NUMBER: GAN-SA3A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8
2.5°	3246.2	3285.4	3325.9	3366.4	3412.8	3459.3	3513.4	3567.2	3613.1	3659.1	3697.3
5°	2730.9	2793.3	2866.6	2939.9	3033.2	3126.5	3240.8	3354.6	3456.1	3557.6	3675.5
7.5°	2163.2	2244.3	2339.9	2435.5	2556.1	2676.7	2824.7	2972.6	3116.0	3259.0	3440.1
10°	1814.5	1899.7	1993.9	2087.7	2210.6	2333.0	2489.6	2645.8	2806.9	2967.6	3172.5
12.5°	1631.5	1725.8	1808.6	1891.5	1991.2	2090.4	2242.0	2393.6	2583.0	2771.9	2969.0
15°	1436.2	1539.1	1638.4	1737.6	1846.4	1954.7	2102.2	2249.7	2456.9	2664.0	2890.7
17.5°	1200.0	1308.3	1429.4	1550.0	1692.1	1833.7	2022.6	2211.5	2456.9	2701.8	2969.0
20°	953.7	1064.3	1209.1	1353.8	1530.5	1706.6	1951.6	2196.5	2527.0	2857.0	3198.0
22.5°	752.5	849.9	1007.9	1165.4	1369.3	1573.3	1887.4	2201.0	2633.0	3064.6	3524.8
25°	610.0	678.7	834.0	988.8	1224.1	1459.5	1848.2	2236.5	2787.4	3337.7	3908.6
27.5°	522.6	567.7	712.4	856.7	1113.9	1370.7	1832.3	2293.4	2983.1	3672.8	4326.0
30°	478.9	510.3	632.8	754.8	1016.1	1277.4	1813.2	2349.0	3171.6	3993.7	4652.4
32.5°	442.5	467.5	572.2	676.5	931.4	1186.3	1776.3	2365.8	3303.1	4240.4	4928.7
35°	411.5	432.5	523.5	614.6	864.9	1115.3	1714.4	2313.5	3385.5	4457.6	5216.4
37.5°	386.5	402.9	487.1	571.3	807.6	1043.8	1643.8	2243.8	3458.8	4673.8	5540.1
40°	366.9	381.0	459.8	538.5	752.9	967.4	1583.3	2198.7	3559.9	4921.0	5882.0
42.5°	356.0	374.2	436.1	497.6	701.0	904.5	1534.6	2164.6	3653.6	5142.2	6181.1
45°	353.3	379.2	423.8	468.4	662.4	856.3	1491.3	2125.9	3714.2	5302.5	6406.4
47.5°	348.7	370.1	414.3	458.4	643.2	827.6	1468.1	2108.2	3774.7	5440.9	6593.5
50°	351.4	354.2	406.5	458.4	640.5	822.6	1494.5	2166.4	3905.8	5644.8	6807.5
52.5°	346.4	334.6	391.9	449.3	640.0	830.8	1570.5	2310.3	4149.4	5988.0	7039.2
55°	320.0	304.5	364.6	424.7	630.5	835.8	1661.1	2486.0	4476.2	6466.0	7455.7
57.5°	296.8	282.7	333.7	384.2	601.4	818.5	1754.4	2689.9	4821.8	6953.1	7925.0
60°	265.9	262.7	299.1	335.5	556.3	776.6	1831.4	2885.7	5053.9	7221.7	8105.8
62.5°	240.4	242.2	269.0	295.9	499.8	703.3	1856.9	3010.0	5047.5	7085.1	7923.7
65°	220.8	224.0	250.4	276.8	451.6	626.4	1773.1	2919.4	4792.2	6664.5	7563.6
67.5°	201.7	205.3	236.7	267.7	408.8	549.5	1563.7	2577.5	4332.8	6087.7	7105.6
70°	183.5	188.0	222.2	256.3	377.8	498.9	1293.8	2088.6	3757.9	5426.8	6575.3
72.5°	163.9	168.4	204.9	241.3	358.3	474.8	1054.8	1634.3	3049.6	4464.4	5624.3
75°	143.9	147.0	186.6	225.8	331.4	437.0	827.6	1217.7	2333.9	3450.2	4248.2
77.5°	123.8	127.9	161.2	193.9	281.3	368.3	623.7	879.0	1712.6	2545.6	2954.4
80°	98.8	102.4	126.1	149.3	217.1	284.5	428.8	573.1	1178.6	1784.0	2014.4
82.5°	75.6	79.7	95.6	111.1	154.8	198.5	259.9	321.4	783.0	1244.1	1263.3
85°	51.9	53.3	64.6	75.6	95.6	115.6	148.9	182.1	518.0	854.0	711.5
87.5°	25.9	25.9	33.7	41.4	51.4	61.5	78.8	95.6	165.7	235.8	135.7
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: P320587
 CATALOG NUMBER: GAN-SA3A-730-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: P320587

CATALOG NUMBER: GAN-SA3A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8
2.5°	3746.1	3779.3	3813.0	3838.5	3864.4	3901.7	3939.1	3945.9	3953.2	3938.6	3924.0
5°	3794.3	3894.9	3996.0	4089.3	4182.6	4238.6	4294.6	4306.0	4317.4	4282.3	4246.8
7.5°	3615.4	3790.7	3965.9	4126.6	4287.3	4384.7	4482.6	4504.5	4526.8	4469.4	4412.1
10°	3376.4	3591.7	3807.1	4018.7	4230.4	4372.0	4513.6	4541.8	4570.0	4498.5	4427.1
12.5°	3191.6	3421.5	3651.4	3874.4	4097.9	4244.5	4391.1	4426.2	4461.2	4409.3	4357.0
15°	3134.7	3350.9	3567.2	3761.5	3956.4	4076.1	4196.3	4210.4	4225.0	4216.8	4208.6
17.5°	3238.0	3433.3	3629.1	3734.7	3840.7	3888.5	3936.8	3952.3	3968.2	3988.7	4009.6
20°	3488.4	3625.9	3763.8	3759.3	3754.3	3731.0	3707.4	3703.3	3699.2	3757.9	3817.1
22.5°	3862.1	3916.8	3971.8	3843.9	3716.0	3638.2	3559.9	3544.4	3528.5	3590.8	3653.6
25°	4267.7	4257.7	4247.3	4003.7	3759.7	3611.3	3462.9	3445.6	3428.3	3481.6	3535.3
27.5°	4669.3	4603.7	4538.2	4207.2	3876.3	3660.9	3445.6	3428.3	3411.0	3458.4	3505.7
30°	4963.8	4858.6	4753.5	4378.8	4004.2	3748.3	3492.5	3464.3	3435.6	3493.9	3552.1
32.5°	5193.7	5052.6	4911.4	4518.1	4124.8	3848.0	3571.2	3527.1	3482.9	3560.8	3638.6
35°	5423.1	5224.6	5025.7	4642.4	4258.6	3965.9	3672.8	3618.6	3564.4	3671.4	3778.4
37.5°	5711.7	5426.8	5141.3	4782.2	4423.0	4142.6	3861.7	3806.1	3750.6	3886.7	4023.3
40°	6024.9	5644.8	5264.7	4935.1	4605.5	4387.0	4168.1	4115.2	4062.0	4227.7	4393.4
42.5°	6285.3	5847.8	5410.4	5119.5	4828.1	4674.3	4519.9	4519.5	4518.6	4686.6	4854.5
45°	6497.0	6017.2	5536.9	5299.3	5061.2	4981.1	4901.0	4965.2	5029.3	5180.9	5333.0
47.5°	6655.0	6159.2	5663.0	5505.1	5347.1	5358.9	5370.8	5501.4	5632.1	5729.5	5827.4
50°	6757.8	6288.0	5817.8	5769.1	5720.4	5826.4	5933.0	6082.7	6233.0	6299.4	6365.9
52.5°	6907.6	6462.8	6017.6	6072.3	6126.9	6343.6	6560.3	6711.9	6863.4	6888.0	6913.1
55°	7254.0	6784.2	6314.0	6418.7	6523.8	6841.6	7159.8	7278.2	7396.5	7405.6	7414.7
57.5°	7746.1	7234.5	6722.8	6835.7	6948.6	7315.5	7682.9	7810.3	7938.2	7920.5	7902.3
60°	8114.4	7661.9	7209.0	7322.8	7436.6	7794.4	8152.2	8298.8	8445.8	8406.7	8367.5
62.5°	8137.2	7895.4	7653.3	7756.1	7859.5	8210.0	8560.5	8711.2	8861.9	8793.6	8725.3
65°	7775.3	7883.6	7992.0	8026.1	8060.2	8387.1	8714.4	8829.6	8945.2	8910.6	8876.0
67.5°	7276.8	7676.0	8075.7	8007.0	7938.2	8091.6	8245.1	8363.9	8482.7	8463.1	8443.1
70°	6779.2	7312.3	7845.4	7507.6	7169.4	7106.1	7042.8	7170.7	7299.1	7219.9	7140.2
72.5°	5932.1	6500.2	7068.8	6446.5	5824.2	5607.9	5391.7	5554.2	5716.7	5590.6	5464.1
75°	4656.5	5284.3	5912.5	5170.0	4427.5	4138.9	3850.3	3990.1	4129.8	4043.3	3956.4
77.5°	3466.5	4085.2	4703.9	3949.1	3193.9	2979.5	2764.6	2806.0	2847.9	2833.3	2818.3
80°	2351.2	2782.3	3213.9	2711.3	2208.8	2225.1	2242.0	2222.4	2202.4	2231.5	2260.7
82.5°	1500.4	1833.2	2166.4	1899.7	1632.9	1785.9	1938.8	1863.7	1788.1	1815.9	1844.1
85°	856.3	1181.8	1507.7	1405.3	1302.4	1391.6	1481.3	1364.8	1248.2	1299.2	1350.7
87.5°	225.8	653.7	1082.1	982.4	882.7	767.1	651.4	497.1	342.8	500.7	658.7
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: P320587
 CATALOG NUMBER: GAN-SA3A-730-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°	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8	3468.8
2.5°	3916.3	3908.6	3880.8	3852.6	3810.7	3776.1	3716.0
5°	4197.6	4148.5	4063.8	3978.7	3884.0	3775.2	3654.6
7.5°	4297.3	4182.2	4019.6	3856.7	3710.1	3538.0	3377.8
10°	4255.0	4082.5	3871.2	3659.6	3481.6	3283.5	3105.6
12.5°	4174.0	3990.5	3757.9	3524.8	3322.2	3109.7	2910.3
15°	4062.4	3915.9	3697.8	3479.7	3275.8	3069.1	2832.9
17.5°	3940.4	3870.8	3713.3	3555.3	3378.7	3178.4	2901.2
20°	3842.1	3867.6	3804.8	3742.0	3600.4	3425.6	3114.2
22.5°	3775.6	3898.1	3946.4	3995.1	3909.9	3773.4	3413.3
25°	3738.3	3941.3	4103.0	4265.0	4227.2	4122.1	3776.6
27.5°	3754.7	4003.7	4254.5	4505.8	4540.9	4511.7	4159.4
30°	3803.9	4056.1	4361.5	4667.4	4807.2	4846.3	4478.5
32.5°	3885.8	4133.0	4465.8	4799.0	5010.2	5135.0	4770.3
35°	4009.6	4240.9	4587.8	4934.7	5207.8	5435.4	5071.7
37.5°	4222.2	4421.2	4741.2	5061.7	5415.8	5757.7	5403.5
40°	4533.6	4674.3	4944.7	5215.5	5661.2	6122.8	5773.6
42.5°	4926.5	4998.8	5213.3	5427.7	5917.5	6454.2	6135.5
45°	5352.1	5371.2	5506.0	5641.2	6120.5	6680.0	6407.3
47.5°	5761.8	5696.2	5750.0	5803.7	6276.2	6841.1	6613.5
50°	6183.3	6000.8	5972.6	5944.3	6431.9	7031.0	6875.7
52.5°	6612.2	6311.3	6199.7	6087.7	6617.6	7282.7	7202.1
55°	7031.9	6649.0	6498.8	6348.6	6901.7	7590.0	7681.5
57.5°	7468.4	7034.6	6895.3	6756.0	7319.1	7979.2	8111.7
60°	7938.2	7508.5	7397.0	7285.0	7838.1	8399.8	8303.3
62.5°	8383.9	8042.5	7983.8	7924.6	8363.0	8723.0	8228.7
65°	8681.6	8486.8	8541.4	8596.5	8759.9	8803.6	8010.2
67.5°	8482.7	8522.3	8753.1	8984.3	8871.9	8564.2	7579.5
70°	7377.4	7615.0	8161.8	8708.9	8459.5	7922.8	6806.5
72.5°	5730.8	5998.1	6809.7	7621.9	7392.0	6734.6	5590.6
75°	4257.7	4559.5	5455.4	6351.3	6032.2	5037.5	4002.8
77.5°	3020.4	3222.5	4107.1	4992.0	4471.7	3353.2	2693.6
80°	2198.7	2136.8	2629.8	3122.9	3036.4	2217.9	1729.9
82.5°	1693.0	1541.9	1774.0	2006.2	1993.4	1539.1	1269.2
85°	1290.1	1229.6	1434.9	1640.2	1464.5	1042.5	806.7
87.5°	752.0	845.8	1087.5	1329.7	997.9	316.4	156.6
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)