

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: P320589

Luminaire Tested: **GAN-SA5A-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320589
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-SA5A-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 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: 18641 lumens
Efficiency: N/A
Efficacy: 115.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G4

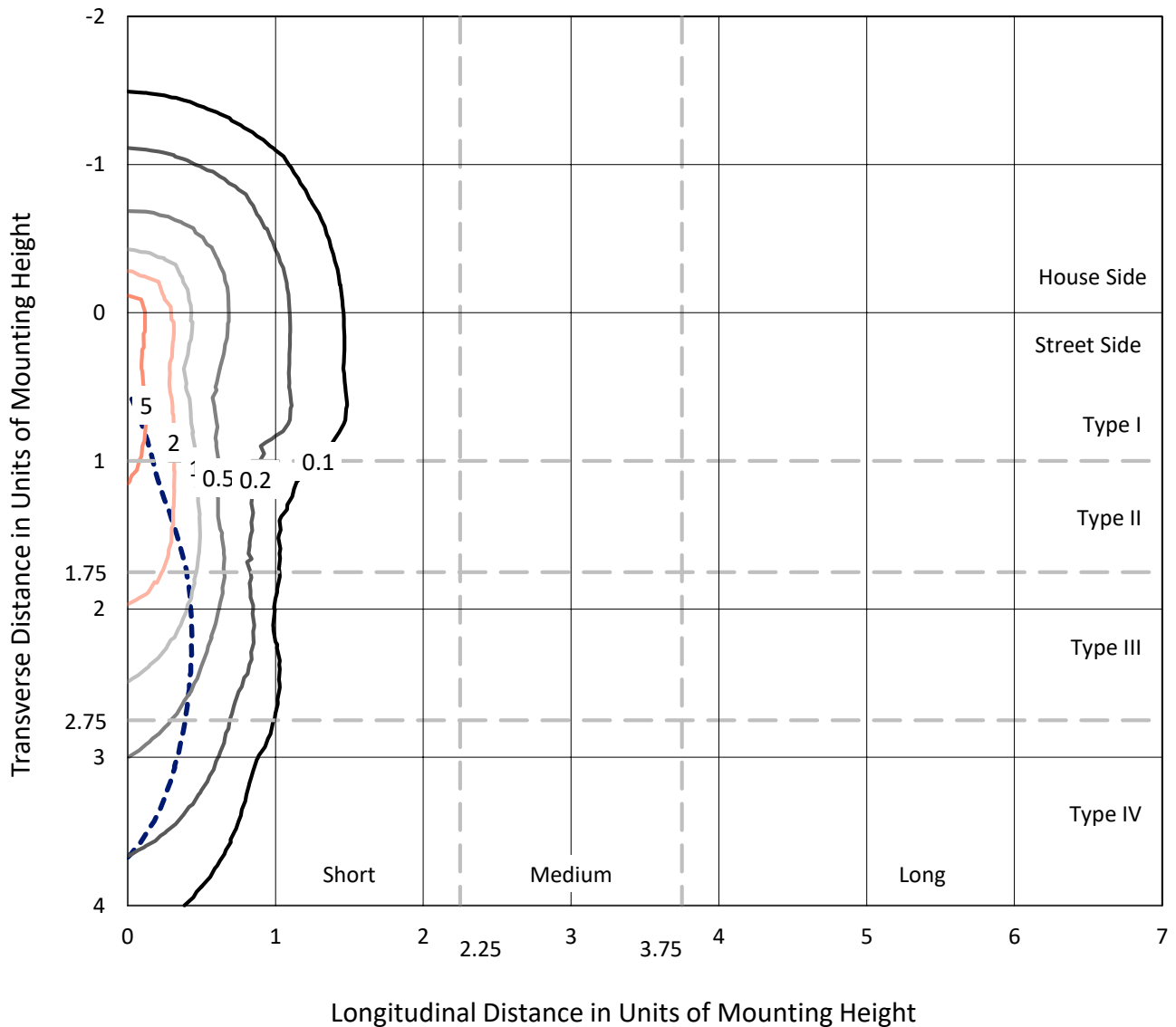
Input Watts (W): 162
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

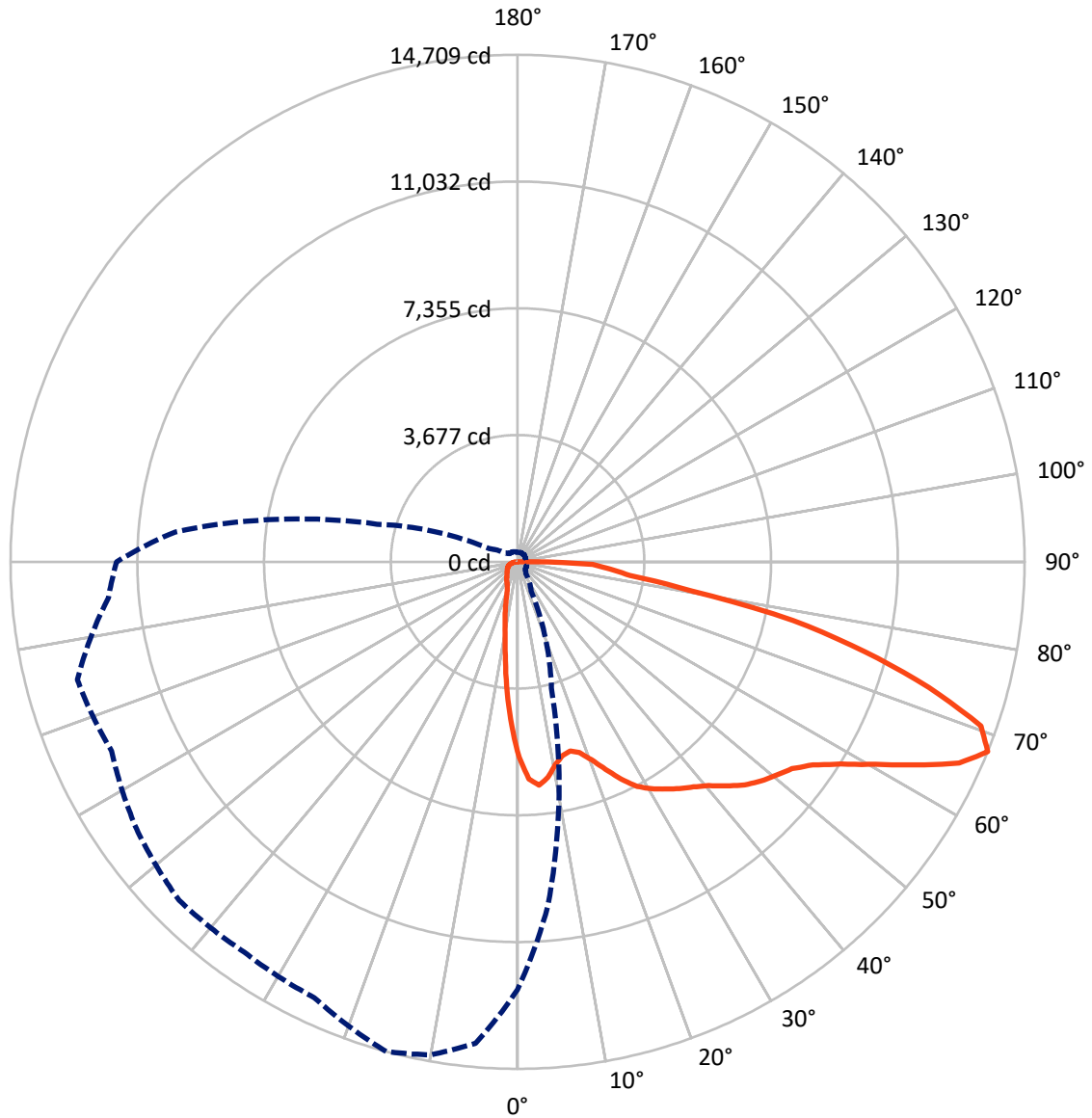
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.1 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	3222.6	0.0	3222.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	15418.4	0.0	15418.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	18641.0	0.0	18641.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	438.3	2.4
10°-20°	910.5	4.9
20°-30°	1295.0	6.9
30°-40°	1866.0	10.0
40°-50°	2629.8	14.1
50°-60°	3655.8	19.6
60°-70°	4421.0	23.7
70°-80°	2717.5	14.6
80°-90°	707.1	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°	18641.0	100.0
0°-180°	18641.0	100.0

Coefficient of Utilization

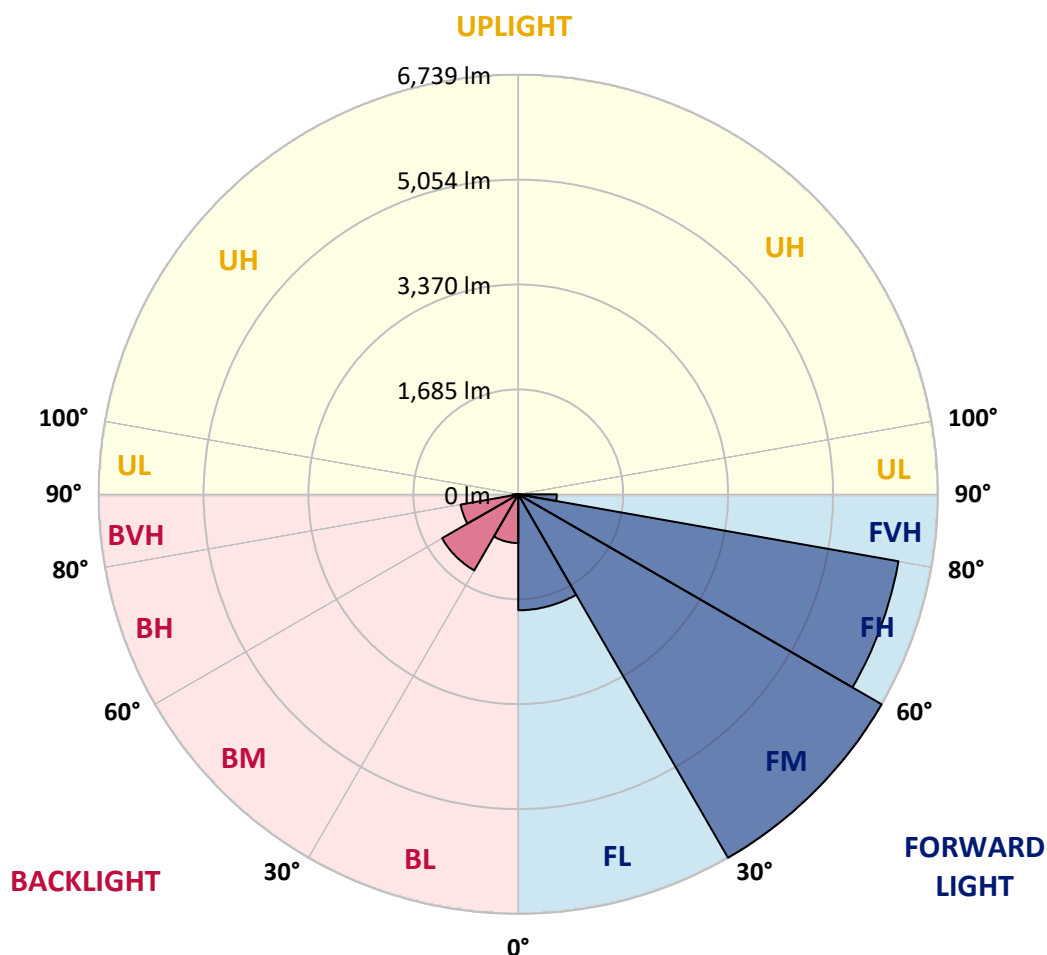


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1861.3	10.0			
FM (30°-60°)	6739.2	36.2			
FH (60°-80°)	6199.4	33.3			G3/7500
FVH (80°-90°)	618.5	3.3			G4/750
BL (0°-30°)	782.4	4.2	B2/1000		
BM (30°-60°)	1412.4	7.6	B2/2500		
BH (60°-80°)	939.1	5.0	B2/1000		G2/1000
BVH (80°-90°)	88.6	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-G4
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1
2.5°	6083.8	6030.1	5948.9	5867.7	5807.3	5746.2	5676.9	5607.6	5528.6	5448.8	5401.9
5°	5983.2	5834.1	5640.4	5446.6	5318.4	5190.2	5044.9	4899.5	4755.7	4611.9	4534.3
7.5°	5530.1	5306.5	5054.6	4802.6	4616.3	4429.3	4228.0	4026.1	3847.2	3667.6	3556.5
10°	5084.4	4816.1	4526.9	4237.0	3998.5	3760.0	3558.0	3355.3	3220.4	3085.5	2983.4
12.5°	4764.6	4467.3	4149.0	3830.0	3591.6	3353.1	3224.9	3096.7	2984.9	2873.1	2755.3
15°	4637.9	4301.8	3976.1	3649.7	3432.8	3215.9	3073.6	2930.5	2780.7	2630.1	2485.5
17.5°	4749.7	4356.2	4002.2	3648.2	3364.2	3080.3	2881.3	2681.6	2484.1	2286.5	2118.9
20°	5098.5	4596.2	4133.4	3669.8	3291.9	2914.1	2647.3	2379.7	2126.3	1872.9	1682.9
22.5°	5588.2	4923.4	4319.0	3714.5	3226.4	2737.5	2402.8	2067.4	1767.8	1468.2	1281.9
25°	6182.9	5357.1	4586.5	3815.1	3199.5	2583.2	2171.8	1760.4	1444.4	1127.6	995.0
27.5°	6809.7	5874.4	4918.9	3962.7	3204.0	2445.3	1977.3	1508.5	1223.8	939.1	848.1
30°	7332.2	6465.4	5306.5	4146.8	3221.1	2295.5	1793.9	1292.3	1057.6	822.8	763.9
32.5°	7809.9	6877.5	5598.6	4319.0	3240.5	2161.3	1652.3	1142.5	951.0	758.7	710.3
35°	8303.3	7243.5	5802.8	4361.4	3207.0	2051.8	1555.4	1059.1	882.4	705.0	664.1
37.5°	8846.6	7639.2	5999.6	4359.2	3150.3	1941.5	1480.1	1018.1	837.7	656.6	626.8
40°	9452.5	8076.7	6212.7	4348.8	3098.9	1848.3	1424.2	999.4	813.1	626.0	600.7
42.5°	10045.0	8494.1	6411.0	4327.9	3057.2	1785.7	1369.1	952.5	790.8	628.3	592.5
45°	10490.0	8858.5	6583.1	4307.0	3025.9	1744.7	1325.9	907.0	769.9	632.8	587.3
47.5°	10827.6	9224.5	6773.9	4322.7	3022.9	1723.1	1295.3	867.5	730.4	592.5	573.9
50°	11256.9	9664.2	7051.9	4439.7	3063.9	1688.1	1259.5	830.3	692.4	554.5	579.8
52.5°	11791.2	10291.7	7482.7	4673.0	3149.6	1626.2	1202.9	779.6	646.2	512.0	551.5
55°	12576.0	11095.9	8033.5	4970.3	3253.2	1535.3	1117.2	698.3	585.1	471.0	506.1
57.5°	13280.3	11908.2	8561.9	5214.8	3318.0	1420.5	1009.1	597.7	516.5	435.2	455.4
60°	13594.1	12327.1	8809.3	5290.8	3279.3	1267.7	887.6	506.8	456.1	405.4	401.7
62.5°	13471.9	12061.0	8565.6	5070.2	3090.0	1109.7	780.3	450.9	412.9	374.1	365.9
65°	13114.1	11224.8	7882.9	4541.1	2770.2	999.4	712.5	425.6	383.1	340.6	331.7
67.5°	12409.1	10034.6	6915.5	3796.5	2364.1	931.6	673.7	415.9	364.4	312.3	301.8
70°	11143.6	8602.1	5801.3	2999.8	1945.2	889.9	648.4	406.9	344.3	281.0	271.3
72.5°	9152.9	6896.9	4632.7	2367.8	1626.2	884.7	645.4	406.2	327.9	249.7	240.7
75°	6553.3	5238.6	3536.4	1833.4	1331.8	830.3	612.6	395.0	305.6	215.4	207.2
77.5°	4409.9	3625.8	2458.0	1289.4	988.3	687.2	515.0	342.8	261.6	180.4	172.2
80°	2832.1	2509.4	1647.1	784.8	640.9	497.1	368.2	239.2	190.8	141.6	134.9
82.5°	2077.9	1867.7	1144.8	421.8	356.2	289.9	225.1	160.2	130.4	100.6	97.6
85°	1320.7	1456.3	842.9	229.5	187.8	146.1	120.7	95.4	75.3	55.2	55.2
87.5°	256.4	354.8	233.3	111.0	81.2	51.4	44.0	35.8	20.1	3.7	4.5
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°	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1
2.5°	5354.2	5302.7	5251.3	5193.2	5134.3	5079.9	5024.7	4964.4	4975.6	4929.3	4883.1
5°	4456.8	4374.9	4292.1	4220.6	4149.0	4087.2	4024.6	3968.7	4017.1	3984.3	3951.5
7.5°	3444.7	3343.4	3241.3	3155.6	3069.8	3003.5	2936.4	2890.2	2937.9	2932.0	2926.0
10°	2881.3	2782.9	2683.8	2589.1	2494.5	2414.0	2332.8	2264.2	2252.3	2218.0	2183.0
12.5°	2636.8	2501.9	2366.3	2267.2	2168.0	2071.9	1975.8	1895.3	1858.8	1802.1	1744.7
15°	2341.0	2181.5	2022.0	1909.4	1796.1	1703.0	1609.1	1539.8	1516.7	1472.7	1428.7
17.5°	1951.2	1776.8	1602.4	1488.3	1373.6	1299.0	1223.8	1177.6	1177.6	1164.9	1152.2
20°	1492.8	1337.1	1181.3	1094.1	1006.9	967.4	927.1	907.8	913.7	914.5	914.5
22.5°	1094.8	999.4	904.0	869.0	833.2	819.1	804.9	796.7	799.7	800.4	801.2
25°	862.3	825.8	788.5	770.6	752.0	743.1	734.1	731.1	737.8	738.6	738.6
27.5°	757.2	734.9	711.8	700.6	688.6	684.9	681.2	676.0	682.7	682.7	681.9
30°	704.3	680.4	656.6	642.4	628.3	629.8	630.5	629.0	633.5	636.5	638.7
32.5°	661.1	638.0	614.9	600.7	585.8	583.6	581.3	579.8	589.5	594.7	600.0
35°	622.3	597.0	571.6	558.2	544.8	539.6	534.4	530.6	539.6	546.3	553.0
37.5°	596.2	570.1	543.3	530.6	517.2	510.5	503.8	499.3	503.1	506.1	509.0
40°	575.4	548.5	521.0	506.1	491.1	484.4	477.7	474.0	476.2	477.0	477.7
42.5°	556.0	529.9	503.8	487.4	470.3	462.1	453.9	449.4	450.9	452.4	453.1
45°	541.8	515.7	488.9	469.5	449.4	440.5	431.5	426.3	427.1	427.1	427.1
47.5°	555.2	517.2	478.5	456.1	433.0	422.6	412.1	406.9	405.4	403.9	402.5
50°	604.4	539.6	474.0	445.7	416.6	405.4	393.5	387.6	383.8	382.3	380.8
52.5°	590.3	534.4	477.7	441.2	403.9	390.5	377.1	367.4	363.7	361.5	359.2
55°	540.3	505.3	469.5	425.6	381.6	369.7	357.0	350.3	343.6	342.1	340.6
57.5°	474.7	460.6	446.4	401.7	357.0	345.8	333.9	329.4	323.5	323.5	322.7
60°	397.2	418.1	439.0	387.6	335.4	322.7	310.0	306.3	304.1	303.3	302.6
62.5°	357.0	391.3	424.8	370.4	315.3	301.8	288.4	284.0	283.2	284.0	284.0
65°	322.7	333.1	343.6	318.2	292.9	279.5	265.3	260.9	262.3	264.6	266.8
67.5°	291.4	289.2	286.9	278.0	268.3	257.1	245.2	240.7	241.5	244.5	247.4
70°	261.6	258.6	254.9	248.2	241.5	231.8	222.1	219.1	218.4	222.1	225.1
72.5°	231.8	228.1	223.6	218.4	212.4	204.2	196.0	193.8	194.5	196.8	199.0
75°	199.0	196.0	192.3	187.8	182.6	175.1	167.7	166.2	167.7	169.9	172.2
77.5°	163.2	162.5	161.0	157.3	153.5	145.3	136.4	135.6	137.9	140.1	141.6
80°	127.4	128.2	128.9	126.0	123.0	114.0	104.3	103.6	105.8	108.1	110.3
82.5°	93.9	96.1	97.6	93.9	90.2	79.7	69.3	67.8	75.3	77.5	79.7
85°	54.4	57.4	60.4	57.4	54.4	44.0	33.5	32.8	39.5	43.2	47.0
87.5°	4.5	6.0	7.5	6.7	6.0	3.0	0.0	0.0	0.7	3.7	6.7
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-SA5A-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: P320589

CATALOG NUMBER: GAN-SA5A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1
2.5°	4854.1	4825.0	4816.1	4807.1	4774.3	4740.8	4775.1	4808.6	4822.8	4836.9	4800.4
5°	3947.1	3941.8	3941.8	3941.1	3911.3	3880.7	3903.8	3926.2	3876.3	3826.3	3821.1
7.5°	2958.1	2990.1	3016.2	3041.5	3031.8	3022.2	3043.8	3065.4	3002.0	2937.9	2906.6
10°	2190.4	2197.1	2225.4	2253.8	2260.5	2266.4	2293.3	2319.3	2270.2	2221.0	2199.4
12.5°	1708.9	1673.2	1676.9	1679.9	1693.3	1706.0	1734.3	1761.9	1741.7	1720.9	1723.1
15°	1384.0	1338.5	1319.9	1300.5	1315.4	1330.3	1350.5	1369.8	1370.6	1370.6	1390.0
17.5°	1129.9	1106.8	1088.1	1068.7	1088.9	1108.2	1110.5	1112.7	1113.5	1114.2	1112.7
20°	925.7	936.8	930.9	924.9	932.4	939.1	945.0	950.2	943.5	936.1	917.5
22.5°	811.6	821.3	828.8	835.5	848.1	860.1	854.1	847.4	834.0	819.8	805.7
25°	745.3	752.0	759.5	766.9	777.3	787.0	776.6	766.2	756.5	746.8	737.1
27.5°	689.4	696.1	702.8	708.8	718.5	727.4	717.7	708.0	699.8	691.6	684.2
30°	643.9	648.4	653.6	658.8	667.8	676.0	667.8	658.8	652.9	646.2	640.9
32.5°	605.2	609.6	611.9	614.1	622.3	630.5	624.6	618.6	613.4	608.2	604.4
35°	562.7	571.6	573.1	574.6	582.8	591.0	587.3	582.8	576.9	570.9	564.2
37.5°	519.5	529.9	535.9	541.1	549.3	557.5	553.8	550.0	541.8	533.6	521.7
40°	482.9	487.4	498.6	509.0	522.4	535.1	527.7	519.5	506.8	494.1	488.2
42.5°	452.4	451.6	462.1	472.5	492.6	512.0	498.6	485.2	473.3	461.3	459.8
45°	425.6	423.3	428.5	433.8	455.4	476.2	462.8	448.7	442.0	435.2	435.2
47.5°	401.7	400.2	403.9	406.9	420.3	433.0	426.3	419.6	415.9	412.1	412.9
50°	380.1	378.6	382.3	385.3	390.5	395.0	396.5	397.2	395.0	392.8	394.3
52.5°	360.0	360.0	361.5	362.2	368.9	375.6	375.6	374.9	374.9	374.9	376.4
55°	342.8	344.3	344.3	344.3	354.8	364.4	361.5	358.5	359.2	359.2	360.7
57.5°	325.7	327.9	329.4	330.9	341.3	351.8	348.8	345.8	345.8	345.8	346.6
60°	306.3	309.3	312.3	315.3	325.7	336.1	333.1	329.4	330.2	330.9	331.7
62.5°	287.7	290.7	293.6	296.6	307.1	317.5	314.5	310.8	313.0	314.5	314.5
65°	269.8	272.0	275.0	278.0	287.7	297.4	294.4	291.4	294.4	296.6	298.1
67.5°	249.7	251.2	254.1	257.1	266.8	276.5	273.5	269.8	273.5	276.5	279.5
70°	226.6	228.1	231.8	234.8	244.5	254.1	250.4	246.7	250.4	254.1	257.1
72.5°	201.2	202.7	206.4	209.4	220.6	231.8	227.3	222.8	227.3	231.8	233.3
75°	173.7	175.1	179.6	183.3	194.5	205.7	202.0	197.5	201.2	205.0	205.7
77.5°	143.8	146.1	152.0	158.0	166.9	175.9	173.7	171.4	173.7	175.9	175.9
80°	112.5	114.8	122.2	128.9	134.2	139.4	140.1	140.9	141.6	142.4	141.6
82.5°	83.5	86.5	93.2	99.9	99.9	99.9	105.8	111.0	111.0	110.3	109.6
85°	51.4	55.2	61.1	67.1	63.3	59.6	69.3	78.3	78.3	77.5	76.0
87.5°	10.4	14.2	20.1	25.3	21.6	17.9	27.6	37.3	38.0	38.0	36.5
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: P320589
 CATALOG NUMBER: GAN-SA5A-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: P320589
 CATALOG NUMBER: GAN-SA5A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1
2.5°	4763.1	4821.3	4878.7	4893.6	4915.9	4925.6	4934.6	5007.6	5079.9	5164.9	5249.8
5°	3815.1	3858.4	3901.6	3908.3	3931.4	3943.3	3955.3	4043.9	4131.9	4250.4	4368.9
7.5°	2875.3	2885.8	2896.2	2894.7	2914.1	2940.2	2965.5	3060.2	3154.1	3281.5	3408.2
10°	2177.7	2201.6	2224.7	2246.3	2288.8	2338.0	2386.4	2483.3	2580.2	2706.1	2831.4
12.5°	1725.3	1752.9	1779.8	1803.6	1852.8	1918.4	1983.2	2099.5	2215.7	2366.3	2516.1
15°	1408.6	1406.4	1404.1	1420.5	1463.7	1535.3	1606.1	1729.1	1852.0	2017.5	2182.2
17.5°	1111.2	1100.0	1088.9	1101.5	1141.8	1200.7	1258.8	1363.1	1466.7	1627.0	1787.2
20°	898.8	891.4	883.9	895.8	921.2	945.8	970.4	1045.6	1120.2	1250.6	1380.3
22.5°	790.8	790.0	788.5	795.2	807.1	819.8	831.7	868.3	904.0	988.3	1071.7
25°	727.4	726.7	725.9	728.9	738.6	748.3	758.0	781.8	805.7	845.9	886.1
27.5°	676.7	675.2	673.7	674.5	676.7	691.6	705.8	717.0	727.4	755.0	781.8
30°	635.7	635.0	634.2	634.2	632.0	637.2	642.4	659.6	676.0	704.3	732.6
32.5°	600.7	597.0	593.3	585.1	579.8	587.3	594.7	612.6	630.5	656.6	682.7
35°	556.7	547.0	536.6	532.1	532.9	540.3	547.8	565.7	582.8	611.1	638.7
37.5°	509.0	506.1	502.3	501.6	503.8	511.3	518.7	534.4	549.3	577.6	605.2
40°	482.2	480.7	479.2	477.7	479.2	486.7	494.1	509.0	523.2	550.8	577.6
42.5°	458.4	457.6	456.9	456.9	457.6	465.8	474.0	488.9	503.1	527.7	552.3
45°	435.2	436.0	436.0	437.5	439.7	447.9	455.4	471.8	488.2	512.0	535.9
47.5°	413.6	415.9	417.4	421.1	423.3	432.3	440.5	458.4	476.2	506.1	535.1
50°	395.0	397.2	398.7	401.7	407.7	418.1	428.5	450.2	471.0	521.0	570.1
52.5°	377.9	380.1	382.3	385.3	392.8	404.7	416.6	443.4	469.5	527.7	585.8
55°	362.2	364.4	365.9	370.4	377.9	388.3	398.0	430.8	463.6	506.1	548.5
57.5°	347.3	349.5	351.0	354.0	357.7	368.9	379.4	414.4	449.4	479.2	508.3
60°	331.7	333.1	333.9	333.9	336.9	349.5	362.2	406.9	450.9	445.7	439.7
62.5°	314.5	316.0	316.7	314.5	318.2	331.7	345.1	403.2	461.3	425.6	389.8
65°	298.9	298.1	297.4	295.1	299.6	313.0	325.7	354.8	383.8	369.7	355.5
67.5°	281.7	279.5	277.2	274.3	278.7	290.7	301.8	311.5	321.2	322.7	324.2
70°	260.1	257.1	254.1	253.4	255.6	265.3	275.0	281.7	287.7	290.7	292.9
72.5°	234.8	232.5	230.3	228.8	229.5	237.7	245.2	251.2	257.1	259.4	260.9
75°	206.4	206.4	205.7	201.2	201.2	207.9	213.9	219.1	224.3	227.3	230.3
77.5°	175.9	176.6	176.6	170.7	169.9	176.6	182.6	187.1	190.8	193.8	196.0
80°	140.9	139.4	137.9	134.2	132.7	140.9	148.3	152.0	155.0	155.8	155.8
82.5°	108.1	105.1	101.4	93.2	93.9	102.9	111.0	114.0	117.0	117.0	117.0
85°	73.8	67.8	61.1	54.4	55.2	64.8	73.8	76.8	79.7	81.2	82.0
87.5°	35.0	29.1	22.4	17.1	17.1	25.3	32.8	34.3	35.8	38.8	41.7
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: P320589
 CATALOG NUMBER: GAN-SA5A-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: P320589

CATALOG NUMBER: GAN-SA5A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1
2.5°	5314.7	5378.8	5445.1	5511.4	5587.4	5663.5	5752.1	5840.1	5915.4	5990.6	6053.2
5°	4471.0	4573.1	4693.1	4813.1	4965.9	5118.7	5305.7	5492.0	5658.2	5824.4	6017.5
7.5°	3541.6	3674.3	3830.8	3987.3	4184.8	4382.3	4624.5	4866.7	5101.5	5335.5	5632.2
10°	2970.7	3110.1	3264.4	3417.9	3619.1	3819.6	4076.0	4331.6	4595.5	4858.5	5193.9
12.5°	2671.1	2825.4	2961.0	3096.7	3259.9	3422.4	3670.6	3918.7	4228.8	4538.1	4860.8
15°	2351.4	2519.8	2682.3	2844.8	3022.9	3200.3	3441.7	3683.2	4022.3	4361.4	4732.6
17.5°	1964.6	2142.0	2340.2	2537.7	2770.2	3002.0	3311.3	3620.6	4022.3	4423.3	4860.8
20°	1561.4	1742.5	1979.5	2216.5	2505.7	2794.1	3195.1	3596.0	4137.1	4677.4	5235.7
22.5°	1232.0	1391.5	1650.1	1907.9	2241.8	2575.7	3090.0	3603.5	4310.8	5017.3	5770.8
25°	998.7	1111.2	1365.4	1618.8	2004.1	2389.4	3025.9	3661.6	4563.4	5464.5	6399.1
27.5°	855.6	929.4	1166.4	1402.6	1823.7	2244.1	2999.8	3754.8	4883.9	6013.0	7082.5
30°	784.0	835.5	1036.0	1235.7	1663.5	2091.3	2968.5	3845.7	5192.4	6538.4	7616.9
32.5°	724.4	765.4	936.8	1107.5	1524.9	1942.2	2908.1	3873.3	5407.8	6942.4	8069.3
35°	673.7	708.0	857.1	1006.1	1416.1	1826.0	2806.8	3787.6	5542.7	7297.9	8540.3
37.5°	632.8	659.6	797.5	935.3	1322.1	1708.9	2691.2	3673.5	5662.7	7651.9	9070.2
40°	600.7	623.8	752.7	881.7	1232.7	1583.7	2592.1	3599.8	5828.2	8056.6	9629.9
42.5°	582.8	612.6	714.0	814.6	1147.7	1480.9	2512.4	3543.9	5981.7	8418.8	10119.5
45°	578.3	620.8	693.9	766.9	1084.4	1401.9	2441.6	3480.5	6080.8	8681.1	10488.5
47.5°	570.9	605.9	678.2	750.5	1053.1	1354.9	2403.6	3451.4	6179.9	8907.7	10794.8
50°	575.4	579.8	665.5	750.5	1048.6	1346.7	2446.8	3546.8	6394.6	9241.6	11145.1
52.5°	567.2	547.8	641.7	735.6	1047.9	1360.2	2571.3	3782.3	6793.3	9803.5	11524.4
55°	523.9	498.6	597.0	695.4	1032.2	1368.4	2719.6	4070.0	7328.4	10586.1	12206.4
57.5°	485.9	462.8	546.3	629.0	984.5	1340.0	2872.3	4403.9	7894.1	11383.6	12974.8
60°	435.2	430.0	489.7	549.3	910.7	1271.5	2998.3	4724.4	8274.2	11823.3	13270.6
62.5°	393.5	396.5	440.5	484.4	818.3	1151.5	3040.0	4927.9	8263.8	11599.7	12972.5
65°	361.5	366.7	409.9	453.1	739.3	1025.5	2902.9	4779.5	7845.7	10911.0	12383.0
67.5°	330.2	336.1	387.6	438.2	669.3	899.6	2560.1	4219.8	7093.7	9966.8	11633.2
70°	300.4	307.8	363.7	419.6	618.6	816.8	2118.1	3419.4	6152.4	8884.6	10765.0
72.5°	268.3	275.8	335.4	395.0	586.5	777.3	1726.8	2675.6	4992.7	7309.1	9208.1
75°	235.5	240.7	305.6	369.7	542.6	715.5	1354.9	1993.7	3821.1	5648.6	6955.0
77.5°	202.7	209.4	263.8	317.5	460.6	602.9	1021.0	1439.2	2803.8	4167.7	4836.9
80°	161.7	167.7	206.4	244.5	355.5	465.8	702.1	938.3	1929.6	2920.8	3297.9
82.5°	123.7	130.4	156.5	181.9	253.4	324.9	425.6	526.2	1281.9	2036.9	2068.2
85°	85.0	87.2	105.8	123.7	156.5	189.3	243.7	298.1	848.1	1398.2	1164.9
87.5°	42.5	42.5	55.2	67.8	84.2	100.6	128.9	156.5	271.3	386.1	222.1
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: P320589
 CATALOG NUMBER: GAN-SA5A-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: P320589

CATALOG NUMBER: GAN-SA5A-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1
2.5°	6133.0	6187.4	6242.5	6284.3	6326.8	6387.9	6449.0	6460.2	6472.1	6448.2	6424.4
5°	6212.0	6376.7	6542.2	6694.9	6847.7	6939.4	7031.1	7049.7	7068.3	7010.9	6952.8
7.5°	5919.1	6206.0	6493.0	6756.1	7019.1	7178.6	7338.9	7374.6	7411.2	7317.3	7223.4
10°	5527.8	5880.3	6232.9	6579.4	6926.0	7157.8	7389.6	7435.8	7482.0	7365.0	7247.9
12.5°	5225.2	5601.6	5978.0	6343.2	6709.1	6949.1	7189.1	7246.5	7303.8	7218.9	7133.2
15°	5132.1	5486.1	5840.1	6158.3	6477.3	6673.3	6870.1	6893.2	6917.0	6903.6	6890.2
17.5°	5301.2	5621.0	5941.5	6114.4	6288.0	6366.3	6445.3	6470.6	6496.7	6530.2	6564.5
20°	5711.2	5936.2	6162.1	6154.6	6146.4	6108.4	6069.6	6062.9	6056.2	6152.4	6249.3
22.5°	6323.0	6412.5	6502.7	6293.2	6083.8	5956.4	5828.2	5802.8	5776.7	5878.8	5981.7
25°	6987.1	6970.7	6953.6	6554.8	6155.4	5912.4	5669.4	5641.1	5612.8	5700.0	5787.9
27.5°	7644.4	7537.1	7429.8	6888.0	6346.1	5993.6	5641.1	5612.8	5584.5	5662.0	5739.5
30°	8126.6	7954.5	7782.3	7168.9	6555.6	6136.7	5717.9	5671.7	5624.7	5720.1	5815.5
32.5°	8503.0	8272.0	8040.9	7397.0	6753.1	6299.9	5846.8	5774.5	5702.2	5829.7	5957.1
35°	8878.6	8553.7	8228.0	7600.5	6972.2	6493.0	6013.0	5924.3	5835.6	6010.8	6185.9
37.5°	9351.2	8884.6	8417.3	7829.3	7241.2	6782.1	6322.3	6231.4	6140.4	6363.3	6586.9
40°	9863.9	9241.6	8619.3	8079.7	7540.1	7182.4	6823.9	6737.4	6650.2	6921.5	7192.8
42.5°	10290.2	9574.0	8857.8	8381.5	7904.5	7652.6	7400.0	7399.2	7397.7	7672.8	7947.8
45°	10636.8	9851.2	9065.0	8675.9	8286.1	8155.0	8023.8	8128.9	8234.0	8482.1	8731.1
47.5°	10895.4	10083.8	9271.4	9012.8	8754.2	8773.6	8792.9	9006.8	9220.7	9380.2	9540.5
50°	11063.8	10294.7	9524.8	9445.1	9365.3	9539.0	9713.4	9958.6	10204.5	10313.3	10422.1
52.5°	11309.0	10580.9	9852.0	9941.4	10030.9	10385.6	10740.4	10988.6	11236.7	11277.0	11318.0
55°	11876.2	11107.1	10337.2	10508.6	10680.8	11201.0	11721.9	11915.7	12109.5	12124.4	12139.3
57.5°	12681.9	11844.1	11006.4	11191.3	11376.1	11976.8	12578.3	12786.9	12996.4	12967.3	12937.5
60°	13284.8	12544.0	11802.4	11988.7	12175.1	12760.9	13346.7	13586.6	13827.4	13763.3	13699.2
62.5°	13322.1	12926.3	12529.8	12698.3	12867.4	13441.3	14015.2	14261.9	14508.6	14396.8	14285.0
65°	12729.6	12906.9	13084.3	13140.2	13196.1	13731.2	14267.1	14455.6	14644.9	14588.3	14531.7
67.5°	11913.5	12567.1	13221.4	13108.9	12996.4	13247.5	13498.7	13693.2	13887.7	13855.7	13822.9
70°	11098.9	11971.6	12844.3	12291.3	11737.6	11634.0	11530.4	11739.8	11950.0	11820.3	11689.9
72.5°	9711.9	10642.0	11572.9	10554.1	9535.2	9181.2	8827.2	9093.3	9359.4	9152.9	8945.7
75°	7623.6	8651.3	9679.8	8464.3	7248.7	6776.2	6303.7	6532.5	6761.3	6619.7	6477.3
77.5°	5675.4	6688.2	7701.1	6465.4	5229.0	4877.9	4526.1	4594.0	4662.5	4638.7	4614.1
80°	3849.4	4555.2	5261.7	4438.9	3616.1	3643.0	3670.6	3638.5	3605.7	3653.4	3701.1
82.5°	2456.5	3001.3	3546.8	3110.1	2673.4	2923.8	3174.2	3051.2	2927.5	2973.0	3019.2
85°	1401.9	1934.8	2468.4	2300.7	2132.3	2278.4	2425.2	2234.4	2043.6	2127.1	2211.3
87.5°	369.7	1070.2	1771.6	1608.3	1445.1	1255.8	1066.5	813.9	561.2	819.8	1078.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320589
 CATALOG NUMBER: GAN-SA5A-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°	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1	5679.1
2.5°	6411.7	6399.1	6353.6	6307.4	6238.8	6182.2	6083.8
5°	6872.3	6791.8	6653.2	6513.8	6358.8	6180.7	5983.2
7.5°	7035.5	6847.0	6580.9	6314.1	6074.1	5792.4	5530.1
10°	6966.2	6683.8	6337.9	5991.4	5700.0	5375.8	5084.4
12.5°	6833.6	6533.2	6152.4	5770.8	5439.1	5091.1	4764.6
15°	6651.0	6411.0	6054.0	5697.0	5363.1	5024.7	4637.9
17.5°	6451.2	6337.2	6079.3	5820.7	5531.5	5203.6	4749.7
20°	6290.2	6332.0	6229.1	6126.3	5894.5	5608.3	5098.5
22.5°	6181.4	6381.9	6460.9	6540.7	6401.3	6177.7	5588.2
25°	6120.3	6452.7	6717.3	6982.6	6920.8	6748.6	6182.9
27.5°	6147.2	6554.8	6965.5	7376.9	7434.3	7386.6	6809.7
30°	6227.6	6640.5	7140.6	7641.5	7870.3	7934.4	7332.2
32.5°	6361.8	6766.5	7311.3	7856.8	8202.7	8406.9	7809.9
35°	6564.5	6943.1	7511.0	8078.9	8526.1	8898.8	8303.3
37.5°	6912.6	7238.3	7762.2	8286.9	8866.7	9426.4	8846.6
40°	7422.3	7652.6	8095.3	8538.8	9268.4	10024.2	9452.5
42.5°	8065.5	8184.0	8535.1	8886.1	9688.0	10566.7	10045.0
45°	8762.4	8793.7	9014.3	9235.6	10020.4	10936.4	10490.0
47.5°	9433.1	9325.8	9413.8	9501.7	10275.3	11200.2	10827.6
50°	10123.3	9824.4	9778.2	9732.0	10530.2	11511.0	11256.9
52.5°	10825.3	10332.7	10150.1	9966.8	10834.3	11923.1	11791.2
55°	11512.5	10885.7	10639.8	10393.8	11299.3	12426.2	12576.0
57.5°	12227.2	11517.0	11288.9	11060.8	11982.8	13063.4	13280.3
60°	12996.4	12292.8	12110.2	11926.9	12832.4	13752.1	13594.1
62.5°	13726.0	13167.0	13070.9	12974.0	13691.7	14281.2	13471.9
65°	14213.4	13894.4	13983.9	14074.1	14341.6	14413.2	13114.1
67.5°	13887.7	13952.6	14330.4	14709.0	14525.0	14021.1	12409.1
70°	12078.2	12467.2	13362.3	14258.1	13849.7	12971.0	11143.6
72.5°	9382.5	9819.9	11148.8	12478.4	12102.0	11025.8	9152.9
75°	6970.7	7464.8	8931.6	10398.3	9875.8	8247.4	6553.3
77.5°	4945.0	5275.9	6724.0	8172.9	7321.0	5489.8	4409.9
80°	3599.8	3498.4	4305.5	5112.7	4971.1	3631.1	2832.1
82.5°	2771.7	2524.3	2904.4	3284.5	3263.6	2519.8	2077.9
85°	2112.2	2013.0	2349.2	2685.3	2397.6	1706.7	1320.7
87.5°	1231.2	1384.7	1780.5	2177.0	1633.7	518.0	256.4
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)