

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: P320549

Luminaire Tested: **GAN-SA5A-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320549
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-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 2700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17118 lumens
Efficiency: N/A
Efficacy: 105.7 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



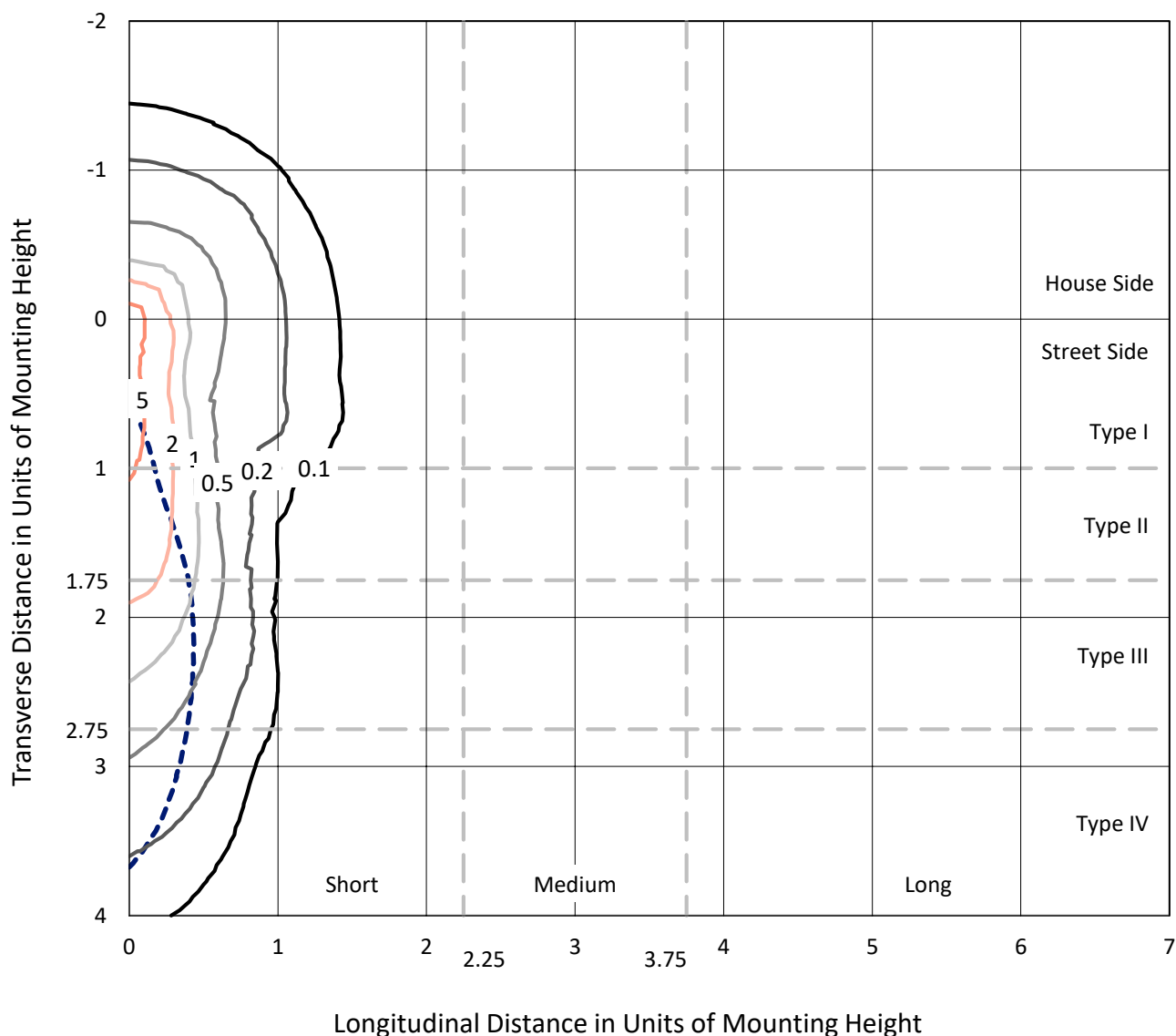
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

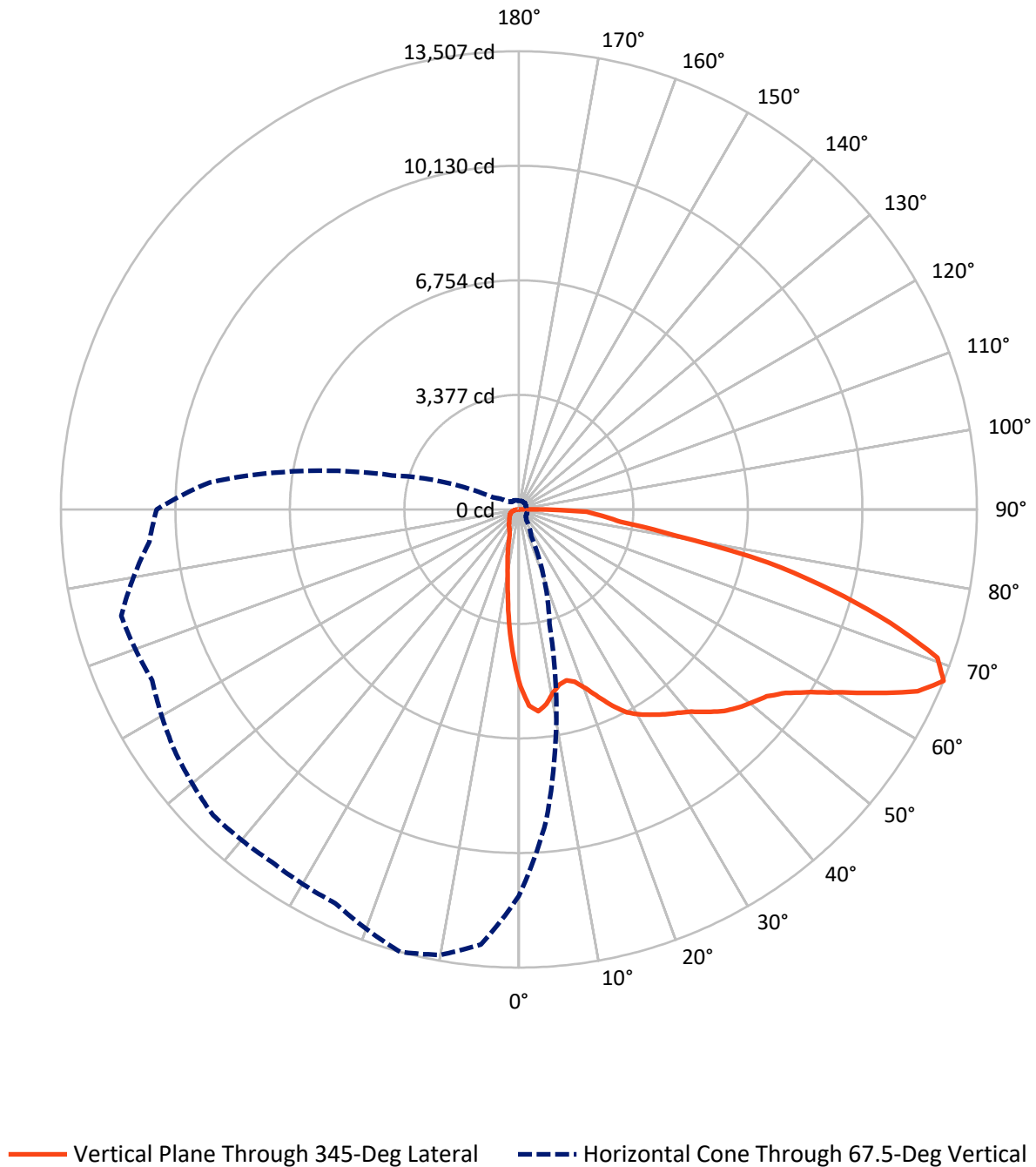
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.3 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	2959.3	0.0	2959.3
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	14158.7	0.0	14158.7
	% Fixture	82.7	0.0	82.7
Total	Lumens	17118.0	0.0	17118.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	402.5	2.4
10°-20°	836.1	4.9
20°-30°	1189.2	6.9
30°-40°	1713.6	10.0
40°-50°	2414.9	14.1
50°-60°	3357.1	19.6
60°-70°	4059.8	23.7
70°-80°	2495.5	14.6
80°-90°	649.3	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°	17118.0	100.0
0°-180°	17118.0	100.0

Coefficient of Utilization



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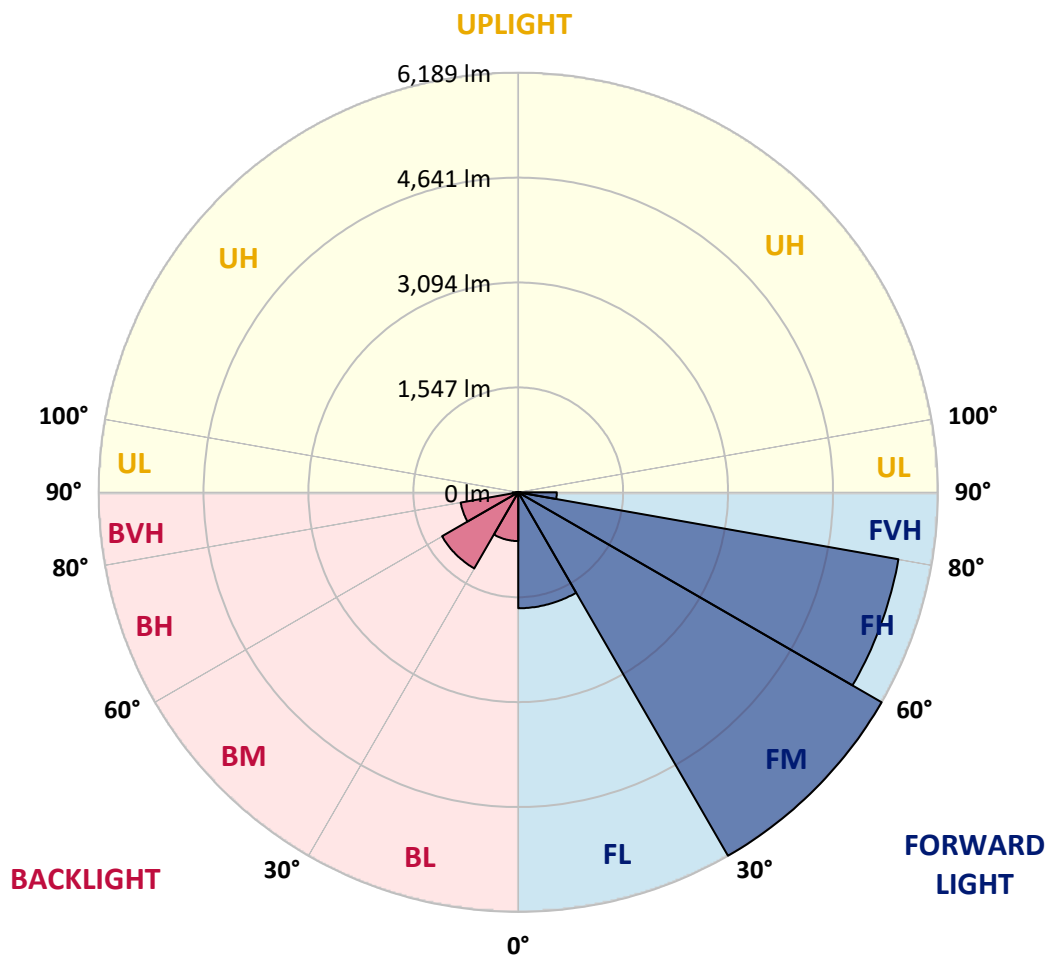
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1709.3	10.0			
FM	(30°-60°)	6188.6	36.2			
FH	(60°-80°)	5692.9	33.3			G3/7500
FVH	(80°-90°)	567.9	3.3			G4/750
BL	(0°-30°)	718.5	4.2	B2/1000		
BM	(30°-60°)	1297.0	7.6	B2/2500		
BH	(60°-80°)	862.4	5.0	B2/1000		G2/1000
BVH	(80°-90°)	81.4	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°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	5586.7	5537.5	5462.9	5388.3	5332.8	5276.7	5213.1	5149.4	5076.9	5003.6	4960.5
5°	5494.4	5357.5	5179.5	5001.6	4883.9	4766.2	4632.7	4499.2	4367.1	4235.1	4163.9
7.5°	5078.2	4872.9	4641.6	4410.3	4239.2	4067.4	3882.6	3697.1	3532.9	3367.9	3266.0
10°	4669.0	4422.6	4157.0	3890.8	3671.8	3452.8	3267.3	3081.2	2957.3	2833.4	2739.6
12.5°	4375.4	4102.3	3810.0	3517.1	3298.1	3079.1	2961.4	2843.7	2741.0	2638.4	2530.2
15°	4259.0	3950.3	3651.3	3351.5	3152.3	2953.2	2822.5	2691.1	2553.5	2415.2	2282.5
17.5°	4361.7	4000.3	3675.2	3350.1	3089.4	2828.6	2645.9	2462.5	2281.1	2099.7	1945.7
20°	4682.0	4220.7	3795.7	3370.0	3023.0	2676.0	2431.0	2185.3	1952.6	1719.9	1545.4
22.5°	5131.6	4521.1	3966.1	3411.0	2962.8	2513.8	2206.5	1898.5	1623.4	1348.3	1177.2
25°	5677.8	4919.5	4211.8	3503.4	2938.1	2372.1	1994.3	1616.5	1326.4	1035.5	913.7
27.5°	6253.3	5394.4	4517.0	3638.9	2942.2	2245.5	1815.7	1385.2	1123.8	862.3	778.8
30°	6733.1	5937.2	4872.9	3808.0	2958.0	2107.9	1647.3	1186.7	971.2	755.6	701.5
32.5°	7171.8	6315.6	5141.2	3966.1	2975.8	1984.8	1517.3	1049.2	873.3	696.7	652.2
35°	7624.9	6651.7	5328.7	4005.1	2945.0	1884.1	1428.3	972.5	810.3	647.4	609.8
37.5°	8123.8	7015.1	5509.4	4003.0	2893.0	1782.9	1359.2	934.9	769.3	603.0	575.6
40°	8680.2	7416.8	5705.1	3993.5	2845.7	1697.3	1307.9	917.8	746.7	574.9	551.6
42.5°	9224.3	7800.1	5887.2	3974.3	2807.4	1639.8	1257.2	874.7	726.1	576.9	544.1
45°	9632.9	8134.8	6045.3	3955.1	2778.7	1602.2	1217.5	832.9	707.0	581.1	539.3
47.5°	9942.9	8470.8	6220.5	3969.5	2775.9	1582.3	1189.5	796.6	670.7	544.1	527.0
50°	10337.2	8874.6	6475.8	4077.0	2813.6	1550.2	1156.6	762.4	635.8	509.2	532.5
52.5°	10827.9	9450.9	6871.4	4291.2	2892.3	1493.4	1104.6	715.9	593.4	470.2	506.5
55°	11548.5	10189.3	7377.1	4564.3	2987.4	1409.9	1025.9	641.3	537.3	432.5	464.7
57.5°	12195.3	10935.3	7862.4	4788.7	3046.9	1304.5	926.7	548.9	474.3	399.7	418.2
60°	12483.4	11320.0	8089.6	4858.5	3011.4	1164.2	815.1	465.4	418.9	372.3	368.9
62.5°	12371.2	11075.6	7865.8	4656.0	2837.5	1019.1	716.6	414.1	379.2	343.6	336.0
65°	12042.7	10307.7	7238.9	4170.0	2543.9	917.8	654.3	390.8	351.8	312.8	304.6
67.5°	11395.2	9214.7	6350.5	3486.3	2170.9	855.5	618.7	381.9	334.7	286.8	277.2
70°	10233.1	7899.3	5327.4	2754.7	1786.3	817.2	595.4	373.7	316.2	258.0	249.1
72.5°	8405.1	6333.4	4254.2	2174.3	1493.4	812.4	592.7	373.0	301.1	229.3	221.1
75°	6017.9	4810.6	3247.5	1683.6	1223.0	762.4	562.6	362.7	280.6	197.8	190.3
77.5°	4049.6	3329.6	2257.1	1184.0	907.5	631.0	472.9	314.8	240.2	165.6	158.1
80°	2600.7	2304.4	1512.5	720.7	588.6	456.5	338.1	219.7	175.2	130.0	123.9
82.5°	1908.1	1715.1	1051.2	387.4	327.1	266.2	206.7	147.1	119.8	92.4	89.7
85°	1212.8	1337.3	774.1	210.8	172.5	134.1	110.9	87.6	69.1	50.6	50.6
87.5°	235.4	325.8	214.2	102.0	74.6	47.2	40.4	32.9	18.5	3.4	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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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°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	4916.7	4869.5	4822.3	4768.9	4714.8	4664.9	4614.2	4558.8	4569.0	4526.6	4484.2
5°	4092.7	4017.4	3941.5	3875.7	3810.0	3753.2	3695.8	3644.4	3688.9	3658.8	3628.7
7.5°	3163.3	3070.2	2976.4	2897.7	2819.0	2758.1	2696.5	2654.1	2697.9	2692.4	2686.9
10°	2645.9	2555.5	2464.5	2377.6	2290.7	2216.8	2142.2	2079.2	2068.3	2036.8	2004.6
12.5°	2421.4	2297.5	2173.0	2081.9	1990.9	1902.6	1814.3	1740.4	1706.9	1654.9	1602.2
15°	2149.7	2003.2	1856.8	1753.4	1649.4	1563.9	1477.6	1414.0	1392.8	1352.4	1312.0
17.5°	1791.8	1631.6	1471.5	1366.7	1261.3	1192.9	1123.8	1081.3	1081.3	1069.7	1058.1
20°	1370.9	1227.8	1084.8	1004.7	924.6	888.3	851.4	833.6	839.1	839.8	839.8
22.5°	1005.4	917.8	830.2	798.0	765.2	752.2	739.2	731.6	734.4	735.0	735.7
25°	791.8	758.3	724.1	707.7	690.6	682.3	674.1	671.4	677.6	678.2	678.2
27.5°	695.3	674.8	653.6	643.3	632.4	629.0	625.5	620.7	626.9	626.9	626.2
30°	646.8	624.9	603.0	590.0	576.9	578.3	579.0	577.6	581.7	584.5	586.5
32.5°	607.1	585.8	564.6	551.6	537.9	535.9	533.8	532.5	541.4	546.2	550.9
35°	571.5	548.2	524.9	512.6	500.3	495.5	490.7	487.3	495.5	501.7	507.8
37.5°	547.5	523.6	498.9	487.3	475.0	468.8	462.7	458.5	462.0	464.7	467.4
40°	528.4	503.7	478.4	464.7	451.0	444.9	438.7	435.3	437.3	438.0	438.7
42.5°	510.6	486.6	462.7	447.6	431.9	424.3	416.8	412.7	414.1	415.4	416.1
45°	497.6	473.6	449.0	431.2	412.7	404.5	396.3	391.5	392.2	392.2	392.2
47.5°	509.9	475.0	439.4	418.9	397.6	388.1	378.5	373.7	372.3	370.9	369.6
50°	555.0	495.5	435.3	409.3	382.6	372.3	361.4	355.9	352.5	351.1	349.7
52.5°	542.0	490.7	438.7	405.2	370.9	358.6	346.3	337.4	334.0	331.9	329.9
55°	496.2	464.0	431.2	390.8	350.4	339.5	327.8	321.7	315.5	314.1	312.8
57.5°	436.0	423.0	410.0	368.9	327.8	317.6	306.6	302.5	297.0	297.0	296.3
60°	364.8	383.9	403.1	355.9	308.0	296.3	284.7	281.3	279.2	278.6	277.9
62.5°	327.8	359.3	390.1	340.1	289.5	277.2	264.9	260.8	260.1	260.8	260.8
65°	296.3	305.9	315.5	292.2	269.0	256.6	243.6	239.5	240.9	243.0	245.0
67.5°	267.6	265.5	263.5	255.3	246.4	236.1	225.2	221.1	221.7	224.5	227.2
70°	240.2	237.5	234.1	227.9	221.7	212.8	204.0	201.2	200.5	204.0	206.7
72.5°	212.8	209.4	205.3	200.5	195.1	187.5	180.0	177.9	178.6	180.7	182.7
75°	182.7	180.0	176.6	172.5	167.7	160.8	154.0	152.6	154.0	156.0	158.1
77.5°	149.9	149.2	147.8	144.4	141.0	133.5	125.2	124.6	126.6	128.7	130.0
80°	117.0	117.7	118.4	115.7	112.9	104.7	95.8	95.1	97.2	99.2	101.3
82.5°	86.2	88.3	89.7	86.2	82.8	73.2	63.6	62.3	69.1	71.2	73.2
85°	50.0	52.7	55.4	52.7	50.0	40.4	30.8	30.1	36.3	39.7	43.1
87.5°	4.1	5.5	6.8	6.2	5.5	2.7	0.0	0.0	0.7	3.4	6.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GAN-SA5A-727-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: P320549

CATALOG NUMBER: GAN-SA5A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	4457.5	4430.8	4422.6	4414.4	4384.3	4353.5	4384.9	4415.7	4428.7	4441.7	4408.2
5°	3624.6	3619.8	3619.8	3619.1	3591.7	3563.7	3584.9	3605.4	3559.6	3513.7	3508.9
7.5°	2716.4	2745.8	2769.8	2793.0	2784.1	2775.2	2795.1	2814.9	2756.8	2697.9	2669.2
10°	2011.4	2017.6	2043.6	2069.6	2075.8	2081.3	2105.9	2129.8	2084.7	2039.5	2019.7
12.5°	1569.3	1536.5	1539.9	1542.6	1555.0	1566.6	1592.6	1617.9	1599.4	1580.3	1582.3
15°	1270.9	1229.2	1212.1	1194.3	1208.0	1221.7	1240.1	1257.9	1258.6	1258.6	1276.4
17.5°	1037.5	1016.3	999.2	981.4	999.9	1017.7	1019.8	1021.8	1022.5	1023.2	1021.8
20°	850.0	860.3	854.8	849.3	856.2	862.3	867.8	872.6	866.4	859.6	842.5
22.5°	745.3	754.2	761.1	767.2	778.8	789.8	784.3	778.2	765.8	752.8	739.8
25°	684.4	690.6	697.4	704.2	713.8	722.7	713.1	703.6	694.7	685.8	676.9
27.5°	633.1	639.2	645.4	650.9	659.8	668.0	659.1	650.2	642.7	635.1	628.3
30°	591.3	595.4	600.2	605.0	613.2	620.7	613.2	605.0	599.5	593.4	588.6
32.5°	555.7	559.8	561.9	563.9	571.5	579.0	573.5	568.1	563.3	558.5	555.0
35°	516.7	524.9	526.3	527.7	535.2	542.7	539.3	535.2	529.7	524.2	518.1
37.5°	477.0	486.6	492.1	496.9	504.4	511.9	508.5	505.1	497.6	490.0	479.1
40°	443.5	447.6	457.9	467.4	479.8	491.4	484.6	477.0	465.4	453.8	448.3
42.5°	415.4	414.7	424.3	433.9	452.4	470.2	457.9	445.5	434.6	423.6	422.3
45°	390.8	388.7	393.5	398.3	418.2	437.3	425.0	412.0	405.8	399.7	399.7
47.5°	368.9	367.5	370.9	373.7	386.0	397.6	391.5	385.3	381.9	378.5	379.2
50°	349.0	347.7	351.1	353.8	358.6	362.7	364.1	364.8	362.7	360.7	362.0
52.5°	330.6	330.6	331.9	332.6	338.8	344.9	344.9	344.3	344.3	344.3	345.6
55°	314.8	316.2	316.2	316.2	325.8	334.7	331.9	329.2	329.9	329.9	331.2
57.5°	299.1	301.1	302.5	303.9	313.5	323.0	320.3	317.6	317.6	317.6	318.2
60°	281.3	284.0	286.8	289.5	299.1	308.7	305.9	302.5	303.2	303.9	304.6
62.5°	264.2	266.9	269.7	272.4	282.0	291.6	288.8	285.4	287.4	288.8	288.8
65°	247.8	249.8	252.5	255.3	264.2	273.1	270.3	267.6	270.3	272.4	273.8
67.5°	229.3	230.6	233.4	236.1	245.0	253.9	251.2	247.8	251.2	253.9	256.6
70°	208.1	209.4	212.8	215.6	224.5	233.4	230.0	226.5	230.0	233.4	236.1
72.5°	184.8	186.2	189.6	192.3	202.6	212.8	208.7	204.6	208.7	212.8	214.2
75°	159.5	160.8	164.9	168.4	178.6	188.9	185.5	181.4	184.8	188.2	188.9
77.5°	132.1	134.1	139.6	145.1	153.3	161.5	159.5	157.4	159.5	161.5	161.5
80°	103.3	105.4	112.2	118.4	123.2	128.0	128.7	129.4	130.0	130.7	130.0
82.5°	76.7	79.4	85.5	91.7	91.7	91.7	97.2	102.0	102.0	101.3	100.6
85°	47.2	50.6	56.1	61.6	58.2	54.8	63.6	71.9	71.9	71.2	69.8
87.5°	9.6	13.0	18.5	23.3	19.8	16.4	25.3	34.2	34.9	34.9	33.5
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: P320549
 CATALOG NUMBER: GAN-SA5A-727-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: P320549

CATALOG NUMBER: GAN-SA5A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	4374.0	4427.4	4480.1	4493.8	4514.3	4523.2	4531.4	4598.5	4664.9	4742.9	4820.9
5°	3503.4	3543.1	3582.8	3589.0	3610.2	3621.2	3632.1	3713.5	3794.3	3903.1	4011.9
7.5°	2640.4	2650.0	2659.6	2658.2	2676.0	2700.0	2723.2	2810.1	2896.4	3013.4	3129.8
10°	1999.8	2021.7	2042.9	2062.8	2101.8	2147.0	2191.4	2280.4	2369.4	2485.1	2600.0
12.5°	1584.4	1609.7	1634.3	1656.2	1701.4	1761.6	1821.2	1928.0	2034.7	2173.0	2310.5
15°	1293.5	1291.5	1289.4	1304.5	1344.2	1409.9	1474.9	1587.8	1700.7	1852.7	2003.9
17.5°	1020.4	1010.2	999.9	1011.5	1048.5	1102.6	1155.9	1251.8	1346.9	1494.0	1641.2
20°	825.4	818.5	811.7	822.6	845.9	868.5	891.1	960.2	1028.7	1148.4	1267.5
22.5°	726.1	725.5	724.1	730.3	741.2	752.8	763.8	797.3	830.2	907.5	984.2
25°	668.0	667.3	666.6	669.3	678.2	687.1	696.0	717.9	739.8	776.8	813.7
27.5°	621.4	620.1	618.7	619.4	621.4	635.1	648.1	658.4	668.0	693.3	717.9
30°	583.8	583.1	582.4	582.4	580.4	585.2	590.0	605.7	620.7	646.8	672.8
32.5°	551.6	548.2	544.8	537.3	532.5	539.3	546.2	562.6	579.0	603.0	626.9
35°	511.2	502.3	492.8	488.7	489.3	496.2	503.0	519.5	535.2	561.2	586.5
37.5°	467.4	464.7	461.3	460.6	462.7	469.5	476.3	490.7	504.4	530.4	555.7
40°	442.8	441.4	440.1	438.7	440.1	446.9	453.8	467.4	480.4	505.8	530.4
42.5°	420.9	420.2	419.5	419.5	420.2	427.7	435.3	449.0	462.0	484.6	507.1
45°	399.7	400.4	400.4	401.7	403.8	411.3	418.2	433.2	448.3	470.2	492.1
47.5°	379.8	381.9	383.3	386.7	388.7	397.0	404.5	420.9	437.3	464.7	491.4
50°	362.7	364.8	366.2	368.9	374.4	383.9	393.5	413.4	432.5	478.4	523.6
52.5°	347.0	349.0	351.1	353.8	360.7	371.6	382.6	407.2	431.2	484.6	537.9
55°	332.6	334.7	336.0	340.1	347.0	356.6	365.5	395.6	425.7	464.7	503.7
57.5°	318.9	321.0	322.4	325.1	328.5	338.8	348.4	380.5	412.7	440.1	466.8
60°	304.6	305.9	306.6	306.6	309.3	321.0	332.6	373.7	414.1	409.3	403.8
62.5°	288.8	290.2	290.9	288.8	292.2	304.6	316.9	370.3	423.6	390.8	357.9
65°	274.4	273.8	273.1	271.0	275.1	287.4	299.1	325.8	352.5	339.5	326.5
67.5°	258.7	256.6	254.6	251.9	256.0	266.9	277.2	286.1	295.0	296.3	297.7
70°	238.9	236.1	233.4	232.7	234.7	243.6	252.5	258.7	264.2	266.9	269.0
72.5°	215.6	213.5	211.5	210.1	210.8	218.3	225.2	230.6	236.1	238.2	239.5
75°	189.6	189.6	188.9	184.8	184.8	190.9	196.4	201.2	206.0	208.7	211.5
77.5°	161.5	162.2	162.2	156.7	156.0	162.2	167.7	171.8	175.2	177.9	180.0
80°	129.4	128.0	126.6	123.2	121.8	129.4	136.2	139.6	142.4	143.0	143.0
82.5°	99.2	96.5	93.1	85.5	86.2	94.4	102.0	104.7	107.5	107.5	107.5
85°	67.8	62.3	56.1	50.0	50.6	59.5	67.8	70.5	73.2	74.6	75.3
87.5°	32.2	26.7	20.5	15.7	15.7	23.3	30.1	31.5	32.9	35.6	38.3
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: P320549
 CATALOG NUMBER: GAN-SA5A-727-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: P320549

CATALOG NUMBER: GAN-SA5A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	4880.4	4939.3	5000.2	5061.1	5130.9	5200.7	5282.2	5362.9	5432.1	5501.2	5558.7
5°	4105.7	4199.5	4309.7	4419.8	4560.1	4700.4	4872.2	5043.3	5196.0	5348.6	5525.8
7.5°	3252.3	3374.1	3517.8	3661.5	3842.9	4024.3	4246.7	4469.1	4684.7	4899.6	5172.0
10°	2728.0	2856.0	2997.7	3138.7	3323.4	3507.5	3743.0	3977.7	4220.0	4461.6	4769.6
12.5°	2452.9	2594.6	2719.1	2843.7	2993.6	3142.8	3370.7	3598.6	3883.3	4167.3	4463.6
15°	2159.3	2314.0	2463.2	2612.3	2775.9	2938.8	3160.6	3382.3	3693.7	4005.1	4345.9
17.5°	1804.1	1967.0	2149.0	2330.4	2543.9	2756.8	3040.8	3324.8	3693.7	4061.9	4463.6
20°	1433.8	1600.1	1817.8	2035.4	2300.9	2565.8	2934.0	3302.2	3799.1	4295.3	4807.9
22.5°	1131.3	1277.8	1515.3	1752.1	2058.7	2365.3	2837.5	3309.1	3958.6	4607.4	5299.3
25°	917.1	1020.4	1253.8	1486.5	1840.3	2194.2	2778.7	3362.5	4190.6	5018.0	5876.2
27.5°	785.7	853.4	1071.1	1288.0	1674.7	2060.7	2754.7	3448.0	4484.9	5521.7	6503.8
30°	720.0	767.2	951.3	1134.7	1527.6	1920.4	2726.0	3531.5	4768.2	6004.2	6994.6
32.5°	665.2	702.9	860.3	1017.0	1400.3	1783.5	2670.5	3556.8	4966.0	6375.2	7410.0
35°	618.7	650.2	787.1	923.9	1300.4	1676.8	2577.4	3478.1	5089.9	6701.6	7842.5
37.5°	581.1	605.7	732.3	858.9	1214.1	1569.3	2471.4	3373.4	5200.1	7026.7	8329.1
40°	551.6	572.8	691.2	809.6	1132.0	1454.3	2380.3	3305.6	5352.0	7398.3	8843.1
42.5°	535.2	562.6	655.7	748.0	1054.0	1359.9	2307.1	3254.3	5493.0	7731.0	9292.8
45°	531.1	570.1	637.2	704.2	995.8	1287.4	2242.1	3196.1	5584.0	7971.9	9631.5
47.5°	524.2	556.4	622.8	689.2	967.1	1244.2	2207.2	3169.4	5675.0	8179.9	9912.8
50°	528.4	532.5	611.2	689.2	962.9	1236.7	2246.9	3257.1	5872.1	8486.5	10234.5
52.5°	520.8	503.0	589.3	675.5	962.3	1249.0	2361.2	3473.3	6238.3	9002.6	10582.9
55°	481.1	457.9	548.2	638.5	947.9	1256.6	2497.4	3737.5	6729.7	9721.2	11209.1
57.5°	446.2	425.0	501.7	577.6	904.1	1230.5	2637.7	4044.1	7249.1	10453.5	11914.7
60°	399.7	394.9	449.6	504.4	836.3	1167.6	2753.3	4338.4	7598.2	10857.3	12186.4
62.5°	361.4	364.1	404.5	444.9	751.5	1057.4	2791.7	4525.2	7588.6	10652.0	11912.6
65°	331.9	336.7	376.4	416.1	678.9	941.7	2665.7	4389.0	7204.7	10019.6	11371.3
67.5°	303.2	308.7	355.9	402.4	614.6	826.1	2350.9	3875.1	6514.1	9152.5	10682.8
70°	275.8	282.7	334.0	385.3	568.1	750.1	1945.1	3140.0	5649.7	8158.7	9885.5
72.5°	246.4	253.2	308.0	362.7	538.6	713.8	1585.8	2457.0	4584.8	6711.9	8455.7
75°	216.3	221.1	280.6	339.5	498.2	657.0	1244.2	1830.8	3508.9	5187.1	6386.8
77.5°	186.2	192.3	242.3	291.6	423.0	553.7	937.6	1321.6	2574.7	3827.2	4441.7
80°	148.5	154.0	189.6	224.5	326.5	427.7	644.7	861.7	1771.9	2682.2	3028.5
82.5°	113.6	119.8	143.7	167.0	232.7	298.4	390.8	483.2	1177.2	1870.5	1899.2
85°	78.0	80.1	97.2	113.6	143.7	173.8	223.8	273.8	778.8	1283.9	1069.7
87.5°	39.0	39.0	50.6	62.3	77.3	92.4	118.4	143.7	249.1	354.5	204.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320549
 CATALOG NUMBER: GAN-SA5A-727-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: P320549

CATALOG NUMBER: GAN-SA5A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	5631.9	5681.9	5732.5	5770.8	5809.9	5866.0	5922.1	5932.4	5943.3	5921.4	5899.5
5°	5704.5	5855.7	6007.7	6148.0	6288.3	6372.4	6456.6	6473.7	6490.8	6438.1	6384.8
7.5°	5435.5	5699.0	5962.5	6204.1	6445.7	6592.1	6739.3	6772.1	6805.7	6719.4	6633.2
10°	5076.2	5399.9	5723.6	6041.9	6360.1	6573.0	6785.8	6828.2	6870.7	6763.2	6655.8
12.5°	4798.3	5143.9	5489.6	5824.9	6161.0	6381.3	6601.7	6654.4	6707.1	6629.1	6550.4
15°	4712.8	5037.9	5362.9	5655.2	5948.1	6128.1	6308.8	6330.0	6351.9	6339.6	6327.3
17.5°	4868.1	5161.7	5456.0	5614.8	5774.3	5846.1	5918.7	5941.9	5965.9	5996.7	6028.2
20°	5244.5	5451.2	5658.6	5651.8	5644.2	5609.3	5573.7	5567.6	5561.4	5649.7	5738.7
22.5°	5806.4	5888.6	5971.4	5779.1	5586.7	5469.7	5352.0	5328.7	5304.8	5398.5	5493.0
25°	6416.2	6401.2	6385.4	6019.3	5652.4	5429.3	5206.2	5180.2	5154.2	5234.3	5315.0
27.5°	7019.9	6921.3	6822.8	6325.2	5827.7	5503.9	5180.2	5154.2	5128.2	5199.4	5270.6
30°	7462.7	7304.6	7146.5	6583.2	6020.0	5635.3	5250.7	5208.3	5165.2	5252.8	5340.4
32.5°	7808.3	7596.1	7384.0	6792.7	6201.3	5785.2	5369.1	5302.7	5236.3	5353.4	5470.4
35°	8153.2	7854.8	7555.8	6979.5	6402.5	5962.5	5521.7	5440.3	5358.8	5519.7	5680.5
37.5°	8587.1	8158.7	7729.6	7189.6	6649.6	6228.0	5805.8	5722.3	5638.8	5843.4	6048.7
40°	9058.0	8486.5	7915.1	7419.6	6924.1	6595.5	6266.4	6187.0	6106.9	6356.0	6605.1
42.5°	9449.5	8791.8	8134.1	7696.7	7258.7	7027.4	6795.4	6794.7	6793.3	7045.9	7298.4
45°	9767.7	9046.4	8324.3	7967.1	7609.1	7488.7	7368.2	7464.7	7561.2	7789.1	8017.7
47.5°	10005.2	9259.9	8513.9	8276.4	8038.9	8056.7	8074.5	8271.0	8467.4	8613.8	8761.0
50°	10159.9	9453.6	8746.6	8673.4	8600.2	8759.6	8919.8	9144.9	9370.8	9470.7	9570.6
52.5°	10385.1	9716.4	9047.1	9129.2	9211.3	9537.1	9862.9	10090.8	10318.7	10355.6	10393.3
55°	10905.9	10199.6	9492.6	9650.0	9808.1	10285.8	10764.2	10942.2	11120.1	11133.8	11147.5
57.5°	11645.7	10876.5	10107.2	10276.9	10446.7	10998.3	11550.6	11742.2	11934.5	11907.9	11880.5
60°	12199.4	11519.1	10838.1	11009.2	11180.3	11718.3	12256.2	12476.6	12697.6	12638.8	12579.9
62.5°	12233.6	11870.2	11506.1	11660.8	11816.1	12343.1	12870.1	13096.7	13323.2	13220.5	13117.9
65°	11689.5	11852.4	12015.3	12066.6	12118.0	12609.4	13101.4	13274.6	13448.4	13396.4	13344.4
67.5°	10940.1	11540.3	12141.2	12037.9	11934.5	12165.2	12395.8	12574.5	12753.1	12723.7	12693.5
70°	10192.1	10993.5	11794.9	11287.1	10778.6	10683.5	10588.3	10780.6	10973.6	10854.6	10734.8
72.5°	8918.4	9772.5	10627.3	9691.8	8756.2	8431.1	8106.0	8350.3	8594.7	8405.1	8214.8
75°	7000.7	7944.5	8889.0	7772.7	6656.5	6222.6	5788.6	5998.8	6208.9	6078.8	5948.1
77.5°	5211.7	6141.8	7071.9	5937.2	4801.7	4479.4	4156.4	4218.6	4281.6	4259.7	4237.1
80°	3534.9	4183.0	4831.9	4076.3	3320.7	3345.3	3370.7	3341.2	3311.1	3354.9	3398.7
82.5°	2255.8	2756.1	3257.1	2856.0	2454.9	2684.9	2914.9	2801.9	2688.3	2730.1	2772.5
85°	1287.4	1776.7	2266.7	2112.7	1958.1	2092.2	2227.0	2051.8	1876.6	1953.3	2030.6
87.5°	339.5	982.8	1626.8	1476.9	1327.0	1153.2	979.4	747.4	515.4	752.8	990.3
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: P320549

CATALOG NUMBER: GAN-SA5A-727-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°	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1	5215.1
2.5°	5887.9	5876.2	5834.5	5792.1	5729.1	5677.1	5586.7
5°	6310.8	6236.9	6109.6	5981.6	5839.3	5675.7	5494.4
7.5°	6460.7	6287.6	6043.2	5798.2	5577.8	5319.1	5078.2
10°	6397.1	6137.7	5820.1	5501.9	5234.3	4936.6	4669.0
12.5°	6275.3	5999.4	5649.7	5299.3	4994.7	4675.1	4375.4
15°	6107.6	5887.2	5559.4	5231.5	4924.9	4614.2	4259.0
17.5°	5924.2	5819.4	5582.6	5345.2	5079.6	4778.5	4361.7
20°	5776.3	5814.7	5720.2	5625.8	5412.9	5150.1	4682.0
22.5°	5676.4	5860.5	5933.1	6006.3	5878.3	5673.0	5131.6
25°	5620.3	5925.5	6168.5	6412.1	6355.3	6197.2	5677.8
27.5°	5644.9	6019.3	6396.4	6774.2	6826.9	6783.1	6253.3
30°	5718.8	6098.0	6557.2	7017.1	7227.2	7286.1	6733.1
32.5°	5842.0	6213.7	6714.0	7214.9	7532.5	7720.0	7171.8
35°	6028.2	6375.9	6897.4	7418.9	7829.5	8171.7	7624.9
37.5°	6347.8	6646.9	7128.0	7609.8	8142.3	8656.3	8123.8
40°	6815.9	7027.4	7433.9	7841.2	8511.2	9205.2	8680.2
42.5°	7406.6	7515.4	7837.7	8160.1	8896.5	9703.4	9224.3
45°	8046.5	8075.2	8277.8	8481.1	9201.7	10042.9	9632.9
47.5°	8662.4	8563.9	8644.6	8725.4	9435.8	10285.1	9942.9
50°	9296.2	9021.7	8979.3	8936.9	9669.9	10570.5	10337.2
52.5°	9940.9	9488.5	9320.8	9152.5	9949.1	10949.0	10827.9
55°	10571.9	9996.3	9770.5	9544.6	10376.2	11411.0	11548.5
57.5°	11228.2	10576.0	10366.6	10157.2	11003.8	11996.1	12195.3
60°	11934.5	11288.5	11120.8	10952.4	11784.0	12628.5	12483.4
62.5°	12604.6	12091.3	12003.0	11914.0	12573.1	13114.4	12371.2
65°	13052.2	12759.2	12841.4	12924.2	13169.9	13235.6	12042.7
67.5°	12753.1	12812.6	13159.6	13507.3	13338.2	12875.6	11395.2
70°	11091.4	11448.6	12270.6	13093.2	12718.2	11911.3	10233.1
72.5°	8615.9	9017.6	10237.9	11458.9	11113.3	10125.0	8405.1
75°	6401.2	6854.9	8201.8	9548.7	9069.0	7573.6	6017.9
77.5°	4541.0	4844.9	6174.6	7505.1	6722.8	5041.3	4049.6
80°	3305.6	3212.6	3953.8	4695.0	4564.9	3334.4	2600.7
82.5°	2545.3	2318.1	2667.1	3016.1	2997.0	2314.0	1908.1
85°	1939.6	1848.6	2157.2	2465.9	2201.7	1567.3	1212.8
87.5°	1130.6	1271.6	1635.0	1999.1	1500.2	475.7	235.4
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)