

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: P320558

Luminaire Tested: **GAN-SA4B-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320558
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-SA4B-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 2700K, 800mA 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: 16942 lumens
Efficiency: N/A
Efficacy: 99.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G4

Input Watts (W): 171
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



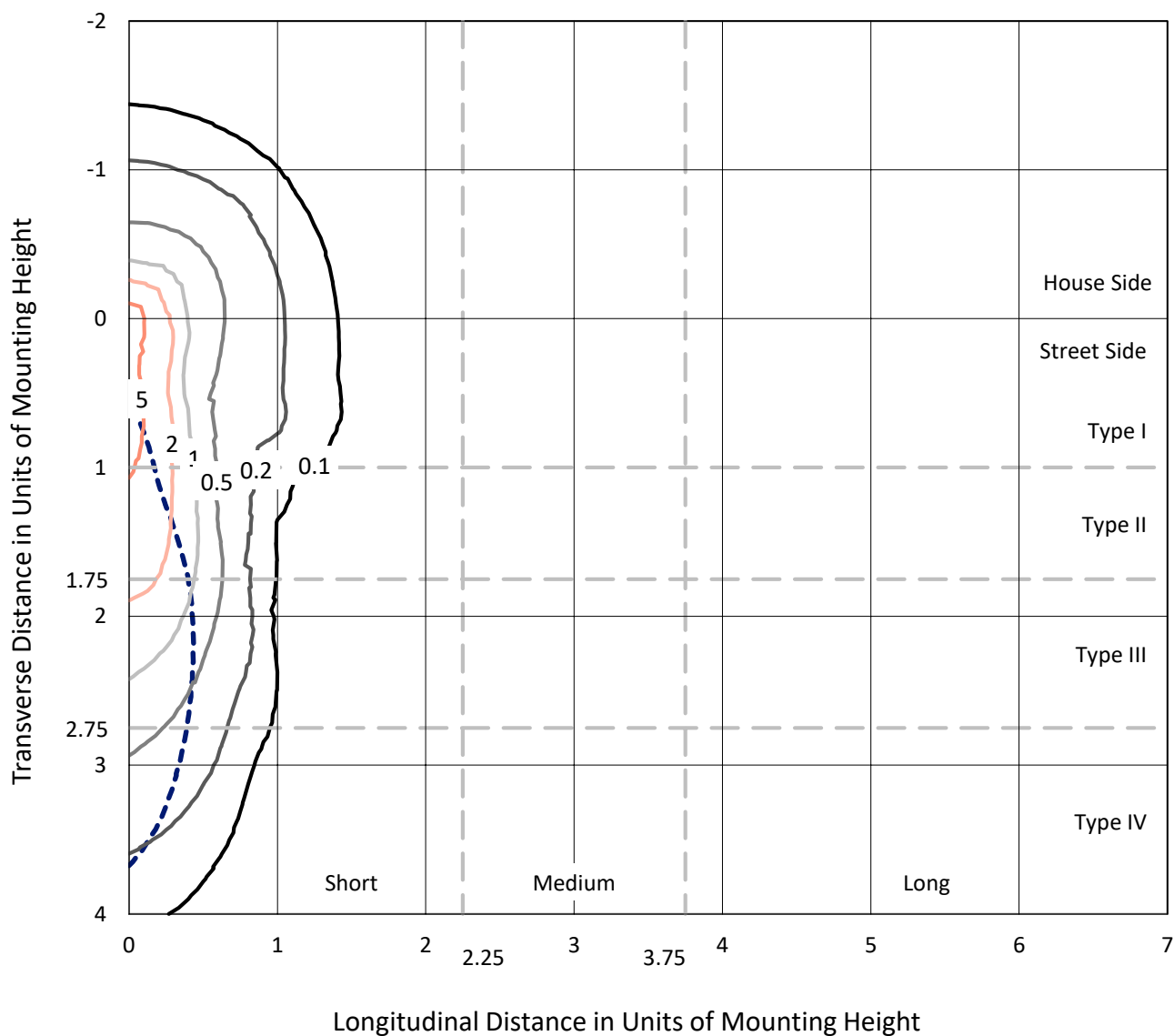
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

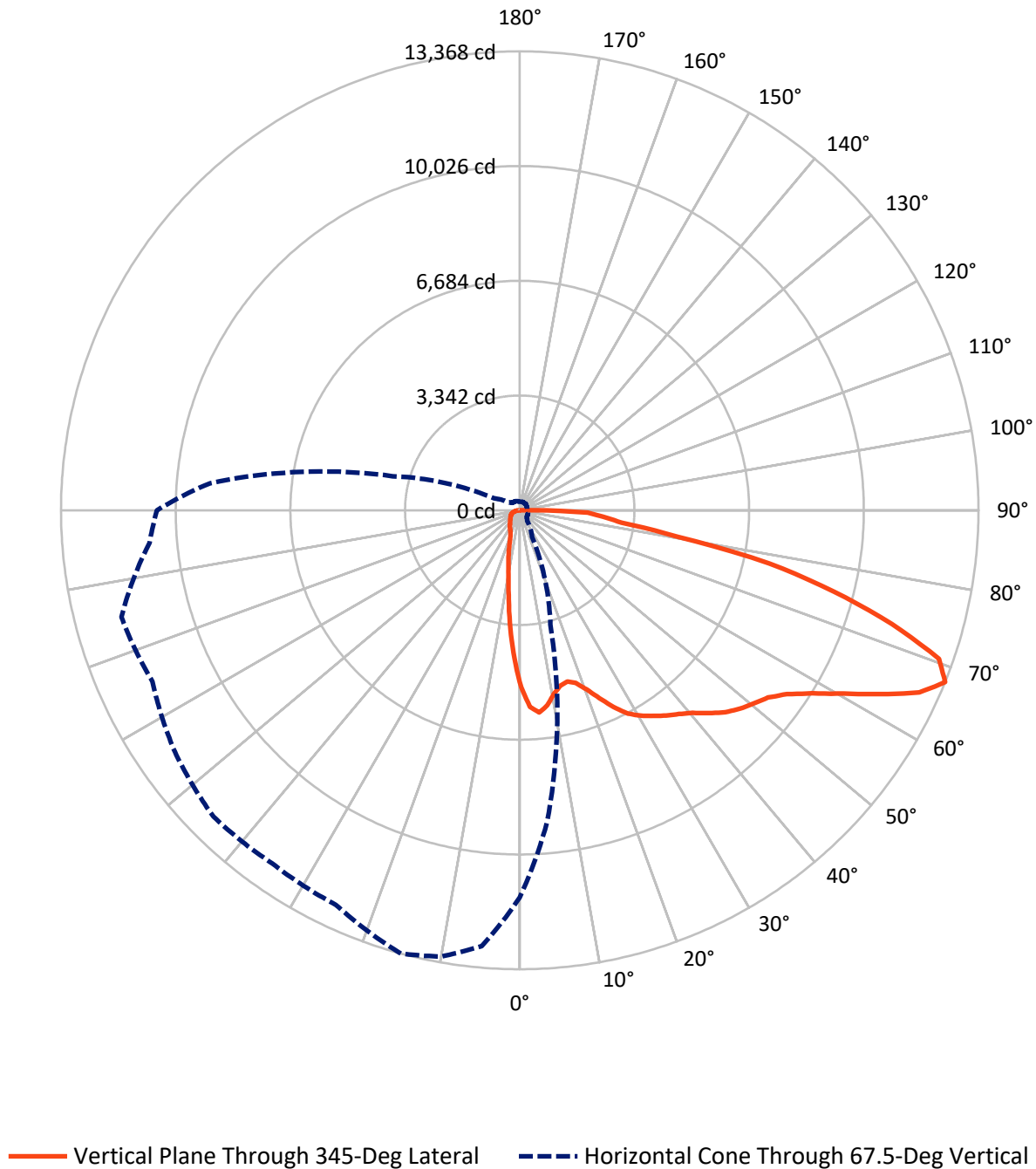
--- 1/2 Max cd



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	2928.9	0.0	2928.9
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	14013.1	0.0	14013.1
	% Fixture	82.7	0.0	82.7
Total	Lumens	16942.0	0.0	16942.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	398.3	2.4
10°-20°	827.5	4.9
20°-30°	1176.9	6.9
30°-40°	1696.0	10.0
40°-50°	2390.1	14.1
50°-60°	3322.6	19.6
60°-70°	4018.0	23.7
70°-80°	2469.8	14.6
80°-90°	642.7	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°	16942.0	100.0
0°-180°	16942.0	100.0

Coefficient of Utilization



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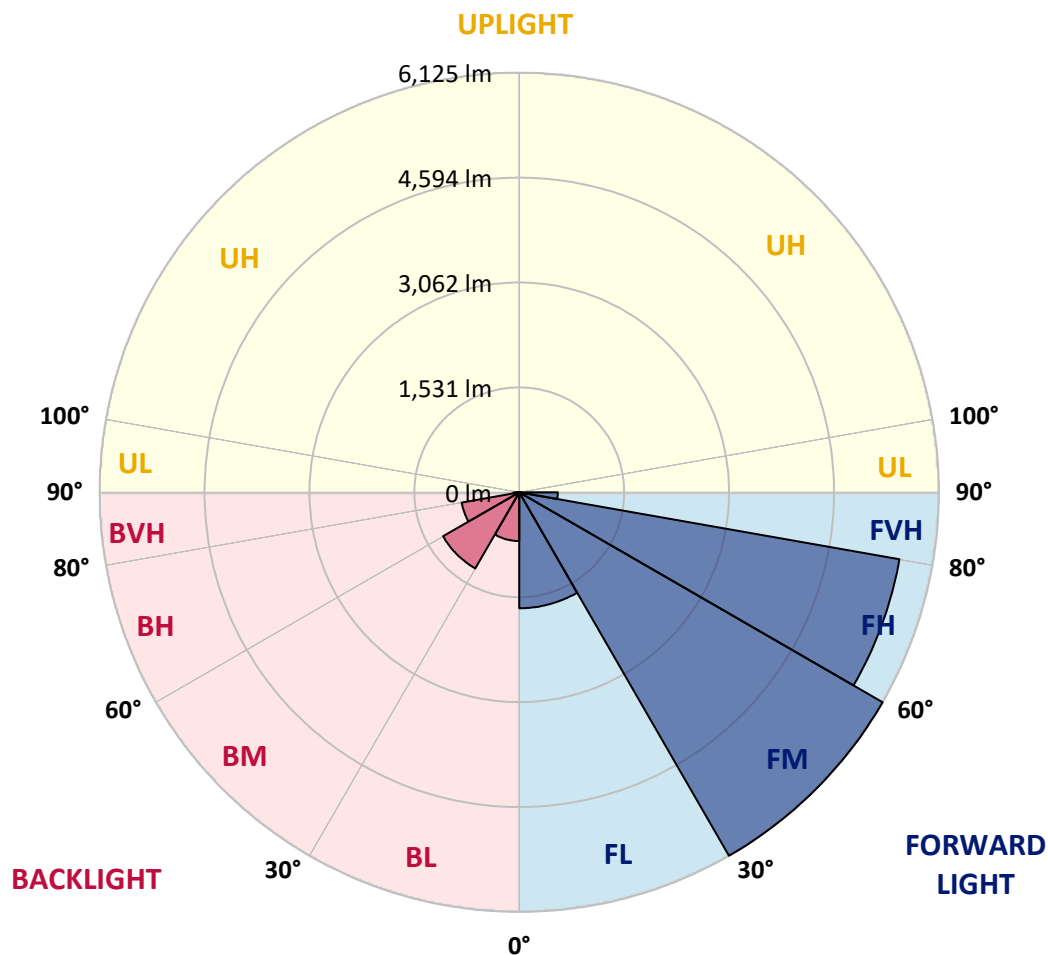
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1691.7	10.0			
FM	(30°-60°)	6125.0	36.2			
FH	(60°-80°)	5634.3	33.3			G3/7500
FVH	(80°-90°)	562.1	3.3			G4/750
BL	(0°-30°)	711.1	4.2	B2/1000		
BM	(30°-60°)	1283.7	7.6	B2/2500		
BH	(60°-80°)	853.5	5.0	B2/1000		G2/1000
BVH	(80°-90°)	80.6	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°	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5
2.5°	5529.3	5480.5	5406.7	5332.9	5278.0	5222.5	5159.5	5096.5	5024.7	4952.2	4909.5
5°	5437.9	5302.4	5126.3	4950.2	4833.7	4717.1	4585.1	4453.0	4322.2	4191.5	4121.1
7.5°	5026.0	4822.8	4593.9	4364.9	4195.6	4025.6	3842.7	3659.1	3496.5	3333.3	3232.4
10°	4621.0	4377.1	4114.3	3850.8	3634.0	3417.3	3233.7	3049.5	2926.9	2804.3	2711.5
12.5°	4330.4	4060.1	3770.9	3481.0	3264.2	3047.5	2930.9	2814.4	2712.8	2611.2	2504.2
15°	4215.2	3909.7	3613.7	3317.0	3119.9	2922.8	2793.4	2663.4	2527.2	2390.4	2259.0
17.5°	4316.8	3959.2	3637.4	3315.7	3057.6	2799.5	2618.7	2437.1	2257.6	2078.1	1925.7
20°	4633.8	4177.3	3756.6	3335.3	2991.9	2648.5	2406.0	2162.8	1932.5	1702.2	1529.5
22.5°	5078.9	4474.7	3925.3	3376.0	2932.3	2488.0	2183.8	1879.0	1606.7	1334.4	1165.1
25°	5619.4	4868.9	4168.5	3467.4	2907.9	2347.7	1973.8	1599.9	1312.7	1024.8	904.3
27.5°	6189.1	5339.0	4470.6	3601.5	2912.0	2222.4	1797.0	1371.0	1112.2	853.5	770.8
30°	6663.9	5876.1	4822.8	3768.8	2927.6	2086.3	1630.4	1174.5	961.2	747.8	694.3
32.5°	7098.1	6250.7	5088.3	3925.3	2945.2	1964.3	1501.7	1038.4	864.3	689.6	645.5
35°	7546.5	6583.3	5273.9	3963.9	2914.7	1864.8	1413.7	962.5	802.0	640.8	603.5
37.5°	8040.3	6943.0	5452.8	3961.9	2863.2	1764.5	1345.2	925.3	761.4	596.8	569.7
40°	8591.0	7340.6	5646.5	3952.4	2816.5	1679.9	1294.4	908.3	739.0	569.0	546.0
42.5°	9129.5	7719.9	5826.7	3933.4	2778.5	1623.0	1244.3	865.7	718.7	571.0	538.5
45°	9533.9	8051.1	5983.1	3914.5	2750.1	1585.7	1205.0	824.3	699.7	575.1	533.8
47.5°	9840.7	8383.7	6156.5	3928.7	2747.4	1566.1	1177.3	788.4	663.8	538.5	521.6
50°	10230.9	8783.4	6409.2	4035.0	2784.6	1534.2	1144.7	754.6	629.3	504.0	527.0
52.5°	10716.5	9353.7	6800.7	4247.1	2862.5	1478.0	1093.3	708.5	587.3	465.3	501.2
55°	11429.8	10084.6	7301.3	4517.3	2956.7	1395.4	1015.4	634.7	531.7	428.1	459.9
57.5°	12069.9	10822.9	7781.5	4739.5	3015.6	1291.1	917.1	543.2	469.4	395.6	413.9
60°	12355.1	11203.6	8006.4	4808.6	2980.4	1152.2	806.7	460.6	414.5	368.5	365.1
62.5°	12244.0	10961.7	7784.9	4608.1	2808.3	1008.6	709.2	409.8	375.3	340.0	332.6
65°	11918.9	10201.7	7164.5	4127.2	2517.8	908.3	647.6	386.8	348.2	309.6	301.4
67.5°	11278.1	9120.0	6285.2	3450.5	2148.6	846.7	612.3	378.0	331.2	283.8	274.3
70°	10127.9	7818.1	5272.6	2726.4	1767.9	808.8	589.3	369.8	312.9	255.4	246.6
72.5°	8318.7	6268.3	4210.5	2152.0	1478.0	804.0	586.6	369.2	298.0	226.9	218.8
75°	5956.0	4761.2	3214.1	1666.3	1210.4	754.6	556.8	359.0	277.7	195.8	188.3
77.5°	4008.0	3295.4	2233.9	1171.8	898.2	624.5	468.1	311.6	237.8	163.9	156.5
80°	2574.0	2280.7	1497.0	713.3	582.5	451.8	334.6	217.4	173.4	128.7	122.6
82.5°	1888.5	1697.5	1040.4	383.4	323.8	263.5	204.6	145.6	118.5	91.4	88.7
85°	1200.3	1323.6	766.1	208.6	170.7	132.8	109.7	86.7	68.4	50.1	50.1
87.5°	233.0	322.4	212.0	100.9	73.8	46.7	40.0	32.5	18.3	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°	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5
2.5°	4866.2	4819.4	4772.7	4719.9	4666.3	4616.9	4566.8	4511.9	4522.1	4480.1	4438.1
5°	4050.6	3976.1	3900.9	3835.9	3770.9	3714.7	3657.8	3607.0	3651.0	3621.2	3591.4
7.5°	3130.8	3038.6	2945.8	2868.0	2790.1	2729.8	2668.8	2626.8	2670.2	2664.7	2659.3
10°	2618.7	2529.3	2439.2	2353.2	2267.1	2194.0	2120.1	2057.8	2047.0	2015.8	1984.0
12.5°	2396.5	2273.9	2150.6	2060.5	1970.4	1883.1	1795.7	1722.5	1689.3	1637.9	1585.7
15°	2127.6	1982.6	1837.7	1735.4	1632.4	1547.8	1462.4	1399.4	1378.4	1338.5	1298.5
17.5°	1773.3	1614.8	1456.3	1352.7	1248.4	1180.6	1112.2	1070.2	1070.2	1058.7	1047.2
20°	1356.8	1215.2	1073.6	994.4	915.1	879.2	842.6	825.0	830.4	831.1	831.1
22.5°	995.0	908.3	821.6	789.8	757.3	744.4	731.6	724.1	726.8	727.5	728.2
25°	783.7	750.5	716.6	700.4	683.5	675.3	667.2	664.5	670.6	671.3	671.3
27.5°	688.2	667.9	646.9	636.7	625.9	622.5	619.1	614.4	620.5	620.5	619.8
30°	640.1	618.4	596.8	583.9	571.0	572.4	573.0	571.7	575.8	578.5	580.5
32.5°	600.8	579.8	558.8	546.0	532.4	530.4	528.3	527.0	535.8	540.5	545.3
35°	565.6	542.6	519.5	507.3	495.2	490.4	485.7	482.3	490.4	496.5	502.6
37.5°	541.9	518.2	493.8	482.3	470.1	464.0	457.9	453.8	457.2	459.9	462.6
40°	522.9	498.5	473.5	459.9	446.4	440.3	434.2	430.8	432.8	433.5	434.2
42.5°	505.3	481.6	457.9	443.0	427.4	420.0	412.5	408.4	409.8	411.2	411.8
45°	492.4	468.7	444.3	426.7	408.4	400.3	392.2	387.5	388.1	388.1	388.1
47.5°	504.6	470.1	434.9	414.5	393.5	384.1	374.6	369.8	368.5	367.1	365.8
50°	549.3	490.4	430.8	405.1	378.6	368.5	357.6	352.2	348.8	347.5	346.1
52.5°	536.5	485.7	434.2	401.0	367.1	354.9	342.7	333.9	330.6	328.5	326.5
55°	491.1	459.3	426.7	386.8	346.8	336.0	324.5	318.4	312.3	310.9	309.6
57.5°	431.5	418.6	405.7	365.1	324.5	314.3	303.5	299.4	294.0	294.0	293.3
60°	361.0	380.0	399.0	352.2	304.8	293.3	281.8	278.4	276.4	275.7	275.0
62.5°	324.5	355.6	386.1	336.6	286.5	274.3	262.1	258.1	257.4	258.1	258.1
65°	293.3	302.8	312.3	289.2	266.2	254.0	241.1	237.1	238.4	240.5	242.5
67.5°	264.8	262.8	260.8	252.7	243.9	233.7	222.9	218.8	219.5	222.2	224.9
70°	237.8	235.0	231.7	225.6	219.5	210.7	201.9	199.1	198.5	201.9	204.6
72.5°	210.7	207.3	203.2	198.5	193.0	185.6	178.1	176.1	176.8	178.8	180.9
75°	180.9	178.1	174.8	170.7	166.0	159.2	152.4	151.1	152.4	154.4	156.5
77.5°	148.3	147.7	146.3	142.9	139.5	132.1	124.0	123.3	125.3	127.3	128.7
80°	115.8	116.5	117.2	114.5	111.8	103.6	94.8	94.2	96.2	98.2	100.2
82.5°	85.3	87.4	88.7	85.3	82.0	72.5	63.0	61.6	68.4	70.4	72.5
85°	49.4	52.2	54.9	52.2	49.4	40.0	30.5	29.8	35.9	39.3	42.7
87.5°	4.1	5.4	6.8	6.1	5.4	2.7	0.0	0.0	0.7	3.4	6.1
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-SA4B-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: P320558

CATALOG NUMBER: GAN-SA4B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5
2.5°	4411.7	4385.2	4377.1	4369.0	4339.2	4308.7	4339.9	4370.3	4383.2	4396.1	4362.9
5°	3587.3	3582.6	3582.6	3581.9	3554.8	3527.0	3548.0	3568.3	3523.0	3477.6	3472.8
7.5°	2688.4	2717.6	2741.3	2764.3	2755.5	2746.7	2766.3	2786.0	2728.4	2670.2	2641.7
10°	1990.8	1996.9	2022.6	2048.3	2054.4	2059.9	2084.2	2108.0	2063.2	2018.5	1998.9
12.5°	1553.2	1520.7	1524.1	1526.8	1539.0	1550.5	1576.2	1601.3	1583.0	1564.0	1566.1
15°	1257.9	1216.5	1199.6	1182.0	1195.5	1209.1	1227.4	1245.0	1245.7	1245.7	1263.3
17.5°	1026.9	1005.9	988.9	971.3	989.6	1007.2	1009.3	1011.3	1012.0	1012.7	1011.3
20°	841.3	851.4	846.0	840.6	847.4	853.5	858.9	863.6	857.5	850.8	833.8
22.5°	737.6	746.5	753.2	759.3	770.8	781.7	776.3	770.2	758.0	745.1	732.2
25°	677.4	683.5	690.2	697.0	706.5	715.3	705.8	696.3	687.5	678.7	669.9
27.5°	626.6	632.7	638.8	644.2	653.0	661.1	652.3	643.5	636.0	628.6	621.8
30°	585.2	589.3	594.0	598.8	606.9	614.4	606.9	598.8	593.4	587.3	582.5
32.5°	550.0	554.1	556.1	558.1	565.6	573.0	567.6	562.2	557.5	552.7	549.3
35°	511.4	519.5	520.9	522.2	529.7	537.1	533.8	529.7	524.3	518.9	512.8
37.5°	472.1	481.6	487.0	491.8	499.2	506.7	503.3	499.9	492.4	485.0	474.2
40°	438.9	443.0	453.2	462.6	474.8	486.3	479.6	472.1	460.6	449.1	443.7
42.5°	411.2	410.5	420.0	429.4	447.7	465.3	453.2	441.0	430.1	419.3	417.9
45°	386.8	384.7	389.5	394.2	413.9	432.8	420.6	407.8	401.7	395.6	395.6
47.5°	365.1	363.7	367.1	369.8	382.0	393.5	387.5	381.4	378.0	374.6	375.3
50°	345.5	344.1	347.5	350.2	354.9	359.0	360.4	361.0	359.0	357.0	358.3
52.5°	327.2	327.2	328.5	329.2	335.3	341.4	341.4	340.7	340.7	340.7	342.1
55°	311.6	312.9	312.9	312.9	322.4	331.2	328.5	325.8	326.5	326.5	327.8
57.5°	296.0	298.0	299.4	300.7	310.2	319.7	317.0	314.3	314.3	314.3	315.0
60°	278.4	281.1	283.8	286.5	296.0	305.5	302.8	299.4	300.1	300.7	301.4
62.5°	261.5	264.2	266.9	269.6	279.1	288.6	285.8	282.5	284.5	285.8	285.8
65°	245.2	247.2	249.9	252.7	261.5	270.3	267.6	264.8	267.6	269.6	270.9
67.5°	226.9	228.3	231.0	233.7	242.5	251.3	248.6	245.2	248.6	251.3	254.0
70°	205.9	207.3	210.7	213.4	222.2	231.0	227.6	224.2	227.6	231.0	233.7
72.5°	182.9	184.2	187.6	190.3	200.5	210.7	206.6	202.5	206.6	210.7	212.0
75°	157.8	159.2	163.2	166.6	176.8	187.0	183.6	179.5	182.9	186.3	187.0
77.5°	130.7	132.8	138.2	143.6	151.7	159.9	157.8	155.8	157.8	159.9	159.9
80°	102.3	104.3	111.1	117.2	121.9	126.7	127.3	128.0	128.7	129.4	128.7
82.5°	75.9	78.6	84.7	90.8	90.8	90.8	96.2	100.9	100.9	100.2	99.6
85°	46.7	50.1	55.5	61.0	57.6	54.2	63.0	71.1	71.1	70.4	69.1
87.5°	9.5	12.9	18.3	23.0	19.6	16.3	25.1	33.9	34.5	34.5	33.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320558
 CATALOG NUMBER: GAN-SA4B-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: P320558

CATALOG NUMBER: GAN-SA4B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5
2.5°	4329.0	4381.9	4434.0	4447.6	4467.9	4476.7	4484.8	4551.2	4616.9	4694.1	4771.3
5°	3467.4	3506.7	3546.0	3552.1	3573.1	3583.9	3594.8	3675.4	3755.3	3863.0	3970.7
7.5°	2613.3	2622.7	2632.2	2630.9	2648.5	2672.2	2695.2	2781.2	2866.6	2982.4	3097.6
10°	1979.3	2000.9	2021.9	2041.6	2080.2	2124.9	2168.9	2257.0	2345.0	2459.5	2573.3
12.5°	1568.1	1593.2	1617.5	1639.2	1683.9	1743.5	1802.5	1908.1	2013.8	2150.6	2286.8
15°	1280.2	1278.2	1276.1	1291.1	1330.3	1395.4	1459.7	1571.5	1683.2	1833.6	1983.3
17.5°	1009.9	999.8	989.6	1001.1	1037.7	1091.2	1144.1	1238.9	1333.0	1478.7	1624.3
20°	816.9	810.1	803.4	814.2	837.2	859.6	881.9	950.3	1018.1	1136.6	1254.5
22.5°	718.7	718.0	716.6	722.7	733.6	745.1	755.9	789.1	821.6	898.2	974.0
25°	661.1	660.4	659.8	662.5	671.3	680.1	688.9	710.6	732.2	768.8	805.4
27.5°	615.0	613.7	612.3	613.0	615.0	628.6	641.5	651.6	661.1	686.2	710.6
30°	577.8	577.1	576.4	576.4	574.4	579.1	583.9	599.5	614.4	640.1	665.8
32.5°	546.0	542.6	539.2	531.7	527.0	533.8	540.5	556.8	573.0	596.8	620.5
35°	506.0	497.2	487.7	483.6	484.3	491.1	497.9	514.1	529.7	555.4	580.5
37.5°	462.6	459.9	456.5	455.9	457.9	464.7	471.4	485.7	499.2	525.0	550.0
40°	438.3	436.9	435.5	434.2	435.5	442.3	449.1	462.6	475.5	500.6	525.0
42.5°	416.6	415.9	415.2	415.2	415.9	423.4	430.8	444.3	457.2	479.6	501.9
45°	395.6	396.3	396.3	397.6	399.6	407.1	413.9	428.8	443.7	465.3	487.0
47.5°	375.9	378.0	379.3	382.7	384.7	392.9	400.3	416.6	432.8	459.9	486.3
50°	359.0	361.0	362.4	365.1	370.5	380.0	389.5	409.1	428.1	473.5	518.2
52.5°	343.4	345.5	347.5	350.2	357.0	367.8	378.6	403.0	426.7	479.6	532.4
55°	329.2	331.2	332.6	336.6	343.4	352.9	361.7	391.5	421.3	459.9	498.5
57.5°	315.7	317.7	319.0	321.7	325.1	335.3	344.8	376.6	408.4	435.5	462.0
60°	301.4	302.8	303.5	303.5	306.2	317.7	329.2	369.8	409.8	405.1	399.6
62.5°	285.8	287.2	287.9	285.8	289.2	301.4	313.6	366.5	419.3	386.8	354.3
65°	271.6	270.9	270.3	268.2	272.3	284.5	296.0	322.4	348.8	336.0	323.1
67.5°	256.0	254.0	252.0	249.3	253.3	264.2	274.3	283.1	291.9	293.3	294.7
70°	236.4	233.7	231.0	230.3	232.3	241.1	249.9	256.0	261.5	264.2	266.2
72.5°	213.4	211.3	209.3	208.0	208.6	216.1	222.9	228.3	233.7	235.7	237.1
75°	187.6	187.6	187.0	182.9	182.9	189.0	194.4	199.1	203.9	206.6	209.3
77.5°	159.9	160.5	160.5	155.1	154.4	160.5	166.0	170.0	173.4	176.1	178.1
80°	128.0	126.7	125.3	121.9	120.6	128.0	134.8	138.2	140.9	141.6	141.6
82.5°	98.2	95.5	92.1	84.7	85.3	93.5	100.9	103.6	106.3	106.3	106.3
85°	67.1	61.6	55.5	49.4	50.1	58.9	67.1	69.8	72.5	73.8	74.5
87.5°	31.8	26.4	20.3	15.6	15.6	23.0	29.8	31.2	32.5	35.2	37.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320558

CATALOG NUMBER: GAN-SA4B-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: P320558

CATALOG NUMBER: GAN-SA4B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5
2.5°	4830.3	4888.5	4948.8	5009.1	5078.2	5147.3	5227.9	5307.8	5376.2	5444.6	5501.5
5°	4063.5	4156.3	4265.3	4374.4	4513.3	4652.1	4822.1	4991.5	5142.5	5293.6	5469.0
7.5°	3218.8	3339.4	3481.6	3623.9	3803.4	3982.9	4203.0	4423.2	4636.5	4849.2	5118.8
10°	2700.0	2826.6	2966.8	3106.4	3289.3	3471.5	3704.5	3936.8	4176.6	4415.7	4720.5
12.5°	2427.7	2567.9	2691.2	2814.4	2962.8	3110.4	3336.0	3561.6	3843.4	4124.5	4417.8
15°	2137.1	2290.2	2437.8	2585.5	2747.4	2908.6	3128.1	3347.5	3655.7	3963.9	4301.2
17.5°	1785.5	1946.7	2126.9	2306.4	2517.8	2728.4	3009.5	3290.6	3655.7	4020.1	4417.8
20°	1419.1	1583.7	1799.1	2014.5	2277.3	2539.4	2903.9	3268.3	3760.0	4251.1	4758.5
22.5°	1119.7	1264.6	1499.7	1734.0	2037.5	2341.0	2808.3	3275.0	3917.9	4560.0	5244.8
25°	907.7	1009.9	1240.9	1471.2	1821.4	2171.6	2750.1	3327.9	4147.5	4966.4	5815.8
27.5°	777.6	844.7	1060.1	1274.8	1657.5	2039.5	2726.4	3412.5	4438.8	5465.0	6437.0
30°	712.6	759.3	941.5	1123.1	1511.9	1900.7	2697.9	3495.2	4719.2	5942.5	6922.6
32.5°	658.4	695.7	851.4	1006.6	1385.9	1765.2	2643.1	3520.2	4914.9	6309.6	7333.8
35°	612.3	643.5	779.0	914.4	1287.0	1659.5	2550.9	3442.4	5037.5	6632.7	7761.9
37.5°	575.1	599.5	724.8	850.1	1201.6	1553.2	2446.0	3338.7	5146.6	6954.5	8243.5
40°	546.0	567.0	684.1	801.3	1120.4	1439.4	2355.9	3271.7	5297.0	7322.3	8752.2
42.5°	529.7	556.8	648.9	740.4	1043.1	1345.9	2283.4	3220.9	5436.5	7651.5	9197.2
45°	525.6	564.2	630.6	697.0	985.6	1274.1	2219.0	3163.3	5526.6	7889.9	9532.5
47.5°	518.9	550.7	616.4	682.1	957.1	1231.4	2184.5	3136.9	5616.7	8095.8	9810.9
50°	522.9	527.0	604.9	682.1	953.0	1224.0	2223.8	3223.6	5811.8	8399.3	10129.3
52.5°	515.5	497.9	583.2	668.6	952.4	1236.2	2336.9	3437.6	6174.2	8910.0	10474.0
55°	476.2	453.2	542.6	632.0	938.1	1243.6	2471.7	3699.1	6660.5	9621.2	11093.8
57.5°	441.6	420.6	496.5	571.7	894.8	1217.9	2610.6	4002.5	7174.6	10346.0	11792.2
60°	395.6	390.8	445.0	499.2	827.7	1155.6	2725.0	4293.8	7520.1	10745.7	12061.1
62.5°	357.6	360.4	400.3	440.3	743.7	1046.5	2763.0	4478.7	7510.6	10542.5	11790.2
65°	328.5	333.3	372.5	411.8	671.9	932.0	2638.3	4343.9	7130.6	9916.6	11254.4
67.5°	300.1	305.5	352.2	398.3	608.3	817.6	2326.7	3835.2	6447.1	9058.4	10572.9
70°	273.0	279.8	330.6	381.4	562.2	742.4	1925.1	3107.7	5591.6	8074.8	9783.8
72.5°	243.9	250.6	304.8	359.0	533.1	706.5	1569.4	2431.7	4537.6	6642.9	8368.8
75°	214.0	218.8	277.7	336.0	493.1	650.3	1231.4	1811.9	3472.8	5133.7	6321.1
77.5°	184.2	190.3	239.8	288.6	418.6	548.0	928.0	1308.0	2548.2	3787.8	4396.1
80°	147.0	152.4	187.6	222.2	323.1	423.4	638.1	852.8	1753.7	2654.6	2997.3
82.5°	112.4	118.5	142.2	165.3	230.3	295.3	386.8	478.2	1165.1	1851.2	1879.7
85°	77.2	79.3	96.2	112.4	142.2	172.0	221.5	270.9	770.8	1270.7	1058.7
87.5°	38.6	38.6	50.1	61.6	76.5	91.4	117.2	142.2	246.6	350.9	201.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320558
 CATALOG NUMBER: GAN-SA4B-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: P320558

CATALOG NUMBER: GAN-SA4B-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5
2.5°	5574.0	5623.5	5673.6	5711.5	5750.1	5805.7	5861.2	5871.4	5882.2	5860.5	5838.9
5°	5645.8	5795.5	5945.9	6084.7	6223.6	6306.9	6390.2	6407.2	6424.1	6371.9	6319.1
7.5°	5379.6	5640.4	5901.2	6140.3	6379.4	6524.3	6670.0	6702.5	6735.7	6650.3	6565.0
10°	5024.0	5344.4	5664.8	5979.8	6294.7	6505.4	6716.0	6758.0	6800.0	6693.7	6587.3
12.5°	4749.0	5091.1	5433.1	5765.0	6097.6	6315.7	6533.8	6586.0	6638.1	6560.9	6483.0
15°	4664.3	4986.1	5307.8	5597.0	5887.0	6065.1	6243.9	6264.9	6286.6	6274.4	6262.2
17.5°	4818.1	5108.7	5399.9	5557.1	5714.9	5786.0	5857.8	5880.9	5904.6	5935.0	5966.2
20°	5190.6	5395.2	5600.4	5593.7	5586.2	5551.7	5516.4	5510.3	5504.2	5591.6	5679.7
22.5°	5746.7	5828.0	5910.0	5719.6	5529.3	5413.5	5297.0	5273.9	5250.2	5343.0	5436.5
25°	6350.3	6335.4	6319.8	5957.4	5594.3	5373.5	5152.7	5127.0	5101.2	5180.5	5260.4
27.5°	6947.7	6850.2	6752.6	6260.2	5767.7	5447.3	5127.0	5101.2	5075.5	5145.9	5216.4
30°	7386.0	7229.5	7073.0	6515.5	5958.1	5577.4	5196.7	5154.7	5112.1	5198.8	5285.5
32.5°	7728.0	7518.0	7308.1	6722.8	6137.6	5725.7	5313.9	5248.2	5182.5	5298.3	5414.2
35°	8069.4	7774.1	7478.1	6907.7	6336.7	5901.2	5465.0	5384.3	5303.7	5462.9	5622.1
37.5°	8498.9	8074.8	7650.1	7115.7	6581.2	6164.0	5746.1	5663.4	5580.8	5783.3	5986.5
40°	8964.9	8399.3	7833.7	7343.3	6852.9	6527.7	6201.9	6123.4	6044.1	6290.7	6537.2
42.5°	9352.3	8701.4	8050.4	7617.6	7184.1	6955.2	6725.5	6724.8	6723.5	6973.4	7223.4
45°	9667.3	8953.4	8238.8	7885.2	7530.9	7411.7	7292.5	7388.0	7483.5	7709.1	7935.3
47.5°	9902.4	9164.7	8426.4	8191.3	7956.3	7973.9	7991.5	8185.9	8380.3	8525.3	8670.9
50°	10055.4	9356.4	8656.7	8584.2	8511.7	8669.6	8828.1	9050.9	9274.4	9373.3	9472.2
52.5°	10278.3	9616.5	8954.0	9035.3	9116.6	9439.0	9761.5	9987.0	10212.6	10249.2	10286.4
55°	10793.8	10094.7	9395.0	9550.8	9707.3	10180.1	10653.5	10829.7	11005.8	11019.3	11032.9
57.5°	11526.0	10764.6	10003.3	10171.3	10339.3	10885.2	11431.8	11621.5	11811.8	11785.4	11758.3
60°	12074.0	11400.7	10726.7	10896.0	11065.4	11597.8	12130.2	12348.3	12567.1	12508.8	12450.6
62.5°	12107.8	11748.2	11387.8	11540.9	11694.7	12216.2	12737.8	12962.0	13186.2	13084.6	12983.0
65°	11569.3	11730.6	11891.8	11942.6	11993.4	12479.7	12966.7	13138.1	13310.2	13258.7	13207.2
67.5°	10827.6	11421.7	12016.4	11914.1	11811.8	12040.1	12268.4	12445.2	12622.0	12592.8	12563.0
70°	10087.3	10880.5	11673.7	11171.1	10667.8	10573.6	10479.5	10669.8	10860.8	10743.0	10624.4
72.5°	8826.7	9672.1	10518.1	9592.1	8666.2	8344.4	8022.7	8264.5	8506.3	8318.7	8130.4
75°	6928.7	7862.8	8797.6	7692.8	6588.0	6158.6	5729.1	5937.1	6145.0	6016.3	5887.0
77.5°	5158.1	6078.6	6999.2	5876.1	4752.4	4433.3	4113.6	4175.3	4237.6	4215.9	4193.5
80°	3498.6	4140.0	4782.2	4034.4	3286.6	3310.9	3336.0	3306.9	3277.1	3320.4	3363.8
82.5°	2232.6	2727.7	3223.6	2826.6	2429.7	2657.3	2884.9	2773.1	2660.7	2702.0	2744.0
85°	1274.1	1758.4	2243.4	2091.0	1937.9	2070.7	2204.1	2030.7	1857.3	1933.2	2009.7
87.5°	336.0	972.7	1610.1	1461.7	1313.4	1141.4	969.3	739.7	510.1	745.1	980.1
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: P320558
 CATALOG NUMBER: GAN-SA4B-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°	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5	5161.5
2.5°	5827.3	5815.8	5774.5	5732.5	5670.2	5618.7	5529.3
5°	6246.0	6172.8	6046.8	5920.1	5779.3	5617.4	5437.9
7.5°	6394.3	6222.9	5981.1	5738.6	5520.5	5264.5	5026.0
10°	6331.3	6074.6	5760.3	5445.3	5180.5	4885.8	4621.0
12.5°	6210.7	5937.8	5591.6	5244.8	4943.4	4627.1	4330.4
15°	6044.8	5826.7	5502.2	5177.8	4874.3	4566.8	4215.2
17.5°	5863.2	5759.6	5525.2	5290.2	5027.4	4729.3	4316.8
20°	5716.9	5754.9	5661.4	5567.9	5357.3	5097.1	4633.8
22.5°	5618.0	5800.2	5872.1	5944.5	5817.9	5614.7	5078.9
25°	5562.5	5864.6	6105.1	6346.2	6290.0	6133.5	5619.4
27.5°	5586.9	5957.4	6330.6	6704.5	6756.7	6713.3	6189.1
30°	5660.0	6035.3	6489.8	6945.0	7152.9	7211.2	6663.9
32.5°	5782.0	6149.8	6644.9	7140.7	7455.0	7640.6	7098.1
35°	5966.2	6310.3	6826.5	7342.6	7749.0	8087.7	7546.5
37.5°	6282.5	6578.5	7054.7	7531.6	8058.6	8567.3	8040.3
40°	6745.8	6955.2	7357.5	7760.5	8423.7	9110.5	8591.0
42.5°	7330.4	7438.1	7757.1	8076.2	8805.0	9603.6	9129.5
45°	7963.7	7992.2	8192.7	8393.9	9107.1	9939.6	9533.9
47.5°	8573.4	8475.8	8555.8	8635.7	9338.8	10179.4	9840.7
50°	9200.6	8929.0	8887.0	8845.0	9570.4	10461.9	10230.9
52.5°	9838.7	9390.9	9225.0	9058.4	9846.8	10836.4	10716.5
55°	10463.2	9893.5	9670.0	9446.5	10269.5	11293.7	11429.8
57.5°	11112.8	10467.3	10260.0	10052.7	10890.6	11872.8	12069.9
60°	11811.8	11172.4	11006.5	10839.8	11662.8	12498.7	12355.1
62.5°	12475.0	11967.0	11879.6	11791.5	12443.8	12979.6	12244.0
65°	12918.0	12628.1	12709.3	12791.3	13034.5	13099.5	11918.9
67.5°	12622.0	12680.9	13024.3	13368.4	13201.1	12743.2	11278.1
70°	10977.3	11330.9	12144.4	12958.6	12587.4	11788.8	10127.9
72.5°	8527.3	8924.9	10132.7	11341.1	10999.0	10020.9	8318.7
75°	6335.4	6784.5	8117.5	9450.6	8975.7	7495.7	5956.0
77.5°	4494.3	4795.0	6111.2	7428.0	6653.7	4989.4	4008.0
80°	3271.7	3179.5	3913.1	4646.7	4518.0	3300.1	2574.0
82.5°	2519.1	2294.2	2639.7	2985.1	2966.2	2290.2	1888.5
85°	1919.6	1829.6	2135.0	2440.5	2179.1	1551.2	1200.3
87.5°	1119.0	1258.5	1618.2	1978.6	1484.8	470.8	233.0
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)