

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: P320768

Luminaire Tested: **GAN-SA4C-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320768
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-SA4C-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 80 CRI, 2700K, 1050mA 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: 18433 lumens
Efficiency: N/A
Efficacy: 81.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G4

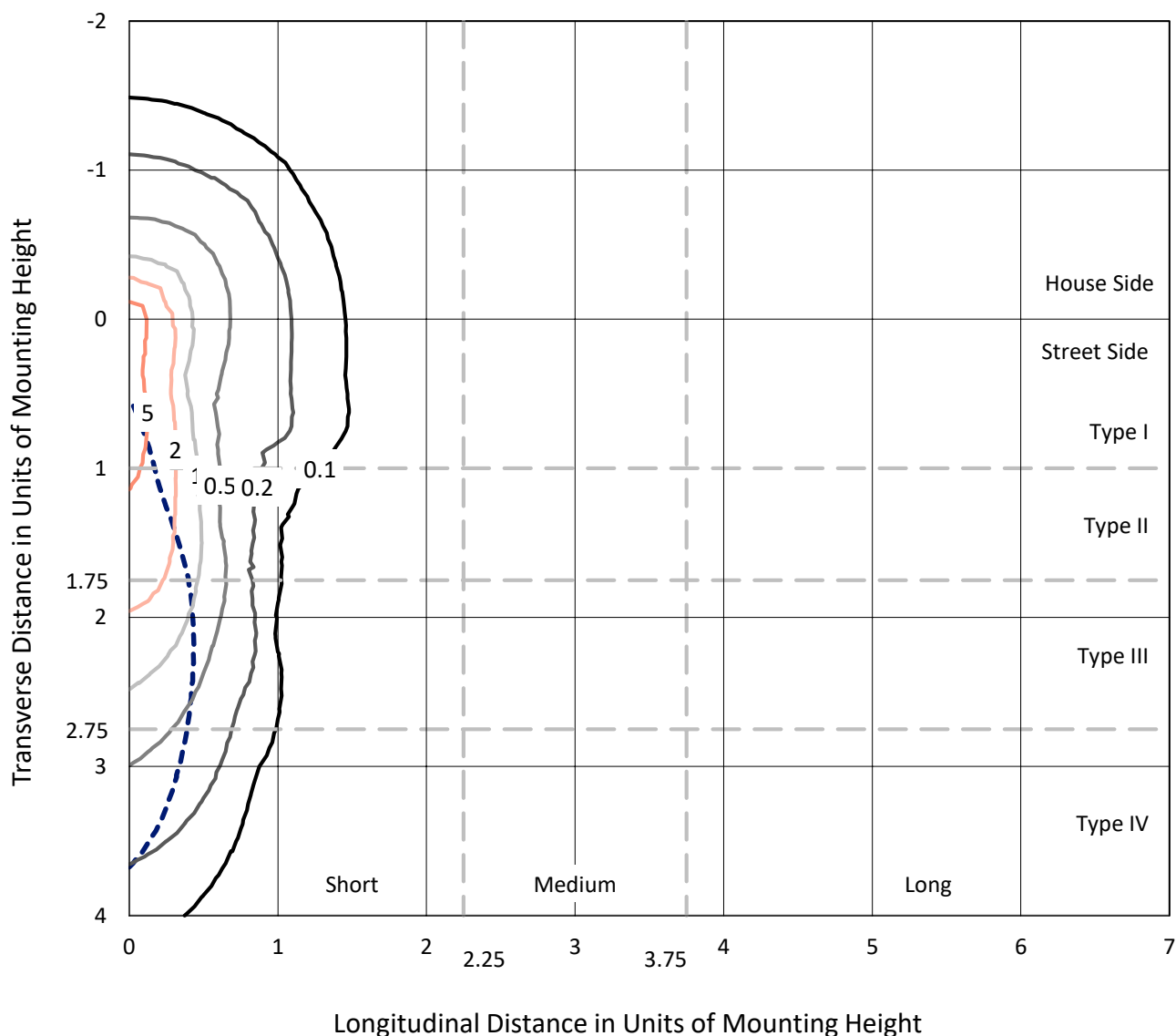
Input Watts (W): 225
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

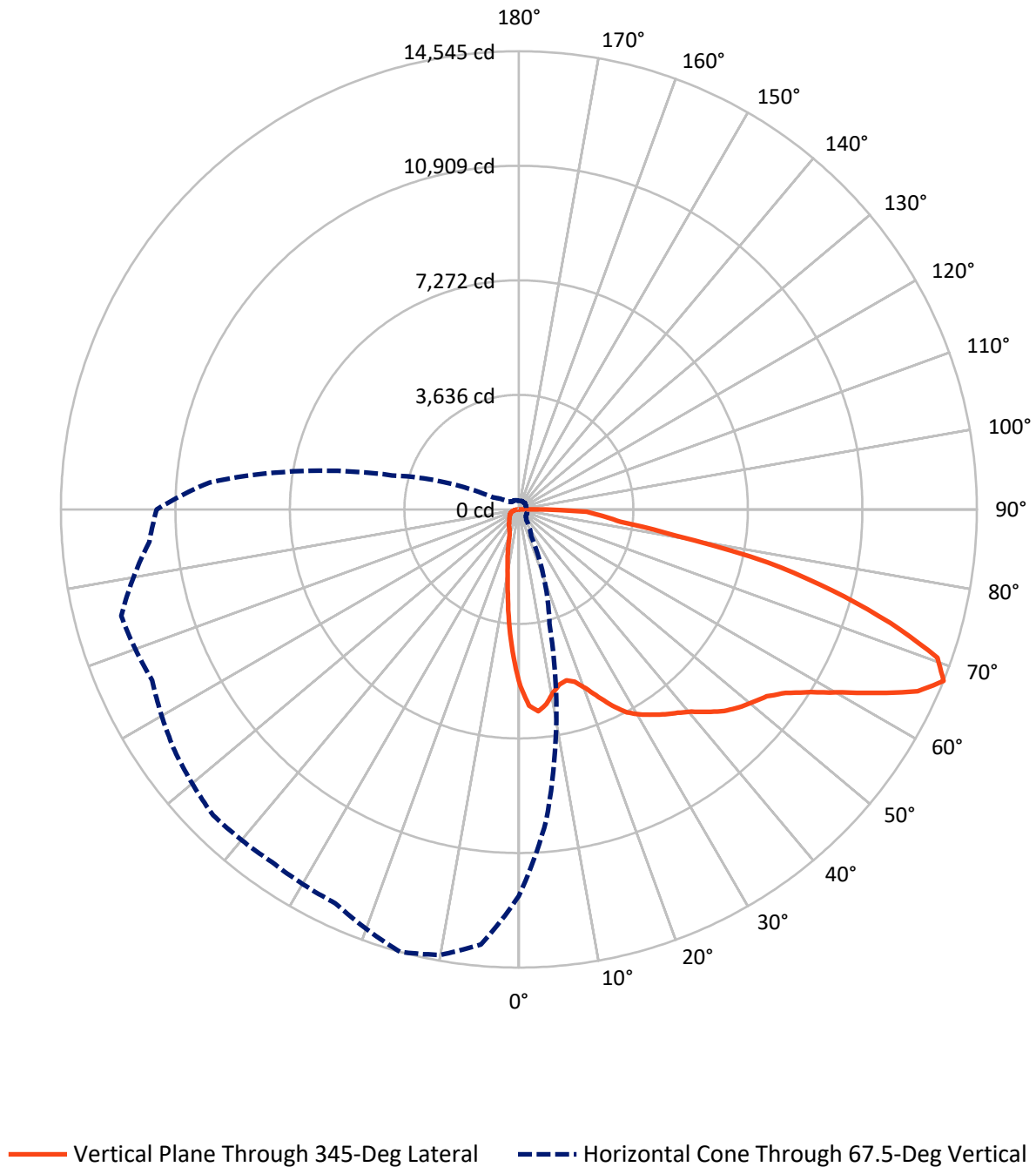
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9 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	3186.7	0.0	3186.7
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	15246.3	0.0	15246.3
	% Fixture	82.7	0.0	82.7
Total	Lumens	18433.0	0.0	18433.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	433.4	2.4
10°-20°	900.4	4.9
20°-30°	1280.5	6.9
30°-40°	1845.2	10.0
40°-50°	2600.4	14.1
50°-60°	3615.0	19.6
60°-70°	4371.7	23.7
70°-80°	2687.2	14.6
80°-90°	699.2	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°	18433.0	100.0
0°-180°	18433.0	100.0

Coefficient of Utilization



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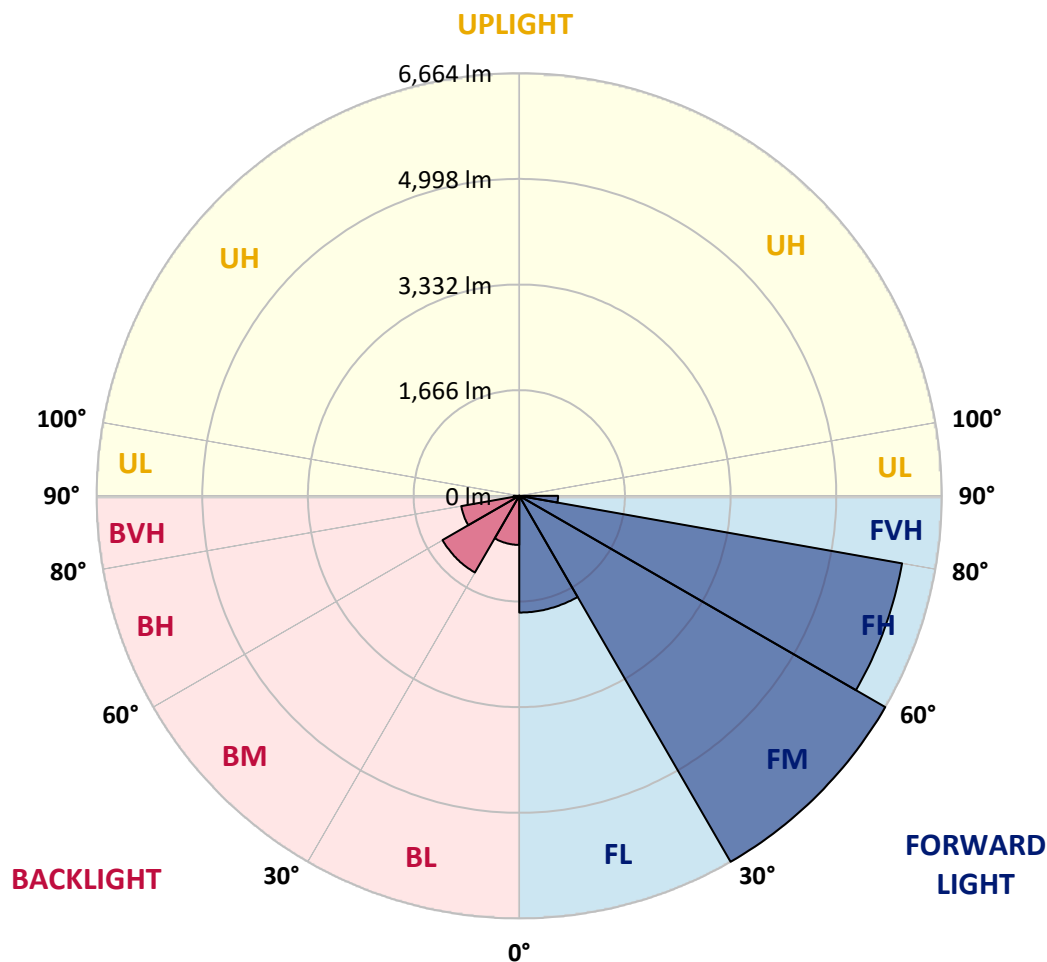
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1840.6	10.0			
FM	(30°-60°)	6664.0	36.2			
FH	(60°-80°)	6130.2	33.3			G3/7500
FVH	(80°-90°)	611.6	3.3			G4/750
BL	(0°-30°)	773.7	4.2	B2/1000		
BM	(30°-60°)	1396.7	7.6	B2/2500		
BH	(60°-80°)	928.7	5.0	B2/1000		G2/1000
BVH	(80°-90°)	87.7	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°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	6015.9	5962.9	5882.5	5802.2	5742.5	5682.1	5613.5	5545.0	5466.9	5388.0	5341.6
5°	5916.4	5769.0	5577.4	5385.8	5259.0	5132.3	4988.6	4844.9	4702.6	4560.4	4483.7
7.5°	5468.3	5247.3	4998.2	4749.1	4564.8	4379.8	4180.9	3981.1	3804.3	3626.6	3516.8
10°	5027.6	4762.3	4476.4	4189.7	3953.9	3718.0	3518.3	3317.9	3184.5	3051.1	2950.1
12.5°	4711.5	4417.4	4102.7	3787.3	3551.5	3315.6	3188.9	3062.1	2951.6	2841.0	2724.6
15°	4586.2	4253.8	3931.8	3609.0	3394.5	3180.0	3039.3	2897.8	2749.6	2600.8	2457.8
17.5°	4696.7	4307.6	3957.5	3607.5	3326.7	3045.9	2849.1	2651.6	2456.3	2261.0	2095.2
20°	5041.6	4544.9	4087.3	3628.9	3255.2	2881.6	2617.7	2353.2	2102.6	1852.0	1664.1
22.5°	5525.8	4868.4	4270.8	3673.1	3190.4	2706.9	2376.0	2044.4	1748.1	1451.8	1267.6
25°	6113.9	5297.4	4535.3	3772.6	3163.8	2554.4	2147.5	1740.7	1428.3	1115.0	983.9
27.5°	6733.7	5808.8	4864.0	3918.5	3168.3	2418.0	1955.2	1491.6	1210.1	928.6	838.7
30°	7250.3	6393.2	5247.3	4100.5	3185.2	2269.9	1773.9	1277.9	1045.8	813.6	755.4
32.5°	7722.7	6800.8	5536.1	4270.8	3204.4	2137.2	1633.9	1129.8	940.4	750.2	702.3
35°	8210.6	7162.6	5738.1	4312.8	3171.2	2028.9	1538.1	1047.2	872.6	697.2	656.6
37.5°	8747.9	7554.0	5932.6	4310.6	3115.2	1919.8	1463.6	1006.7	828.4	649.3	619.8
40°	9347.0	7986.6	6143.4	4300.2	3064.3	1827.7	1408.4	988.3	804.0	619.1	594.0
42.5°	9932.9	8399.3	6339.4	4279.6	3023.1	1765.8	1353.8	941.9	781.9	621.3	585.9
45°	10372.9	8759.7	6509.7	4259.0	2992.1	1725.3	1311.1	896.9	761.3	625.7	580.7
47.5°	10706.8	9121.5	6698.4	4274.4	2989.2	1703.9	1280.9	857.8	722.2	585.9	567.5
50°	11131.3	9556.3	6973.2	4390.2	3029.7	1669.2	1245.5	821.0	684.6	548.3	573.4
52.5°	11659.7	10176.9	7399.2	4620.8	3114.5	1608.1	1189.5	770.9	639.0	506.3	545.4
55°	12435.7	10972.1	7943.8	4914.9	3216.9	1518.2	1104.7	690.5	578.5	465.8	500.4
57.5°	13132.1	11775.4	8466.4	5156.6	3281.0	1404.7	997.9	591.1	510.7	430.4	450.3
60°	13442.4	12189.5	8711.0	5231.8	3242.7	1253.6	877.7	501.1	451.0	400.9	397.2
62.5°	13321.5	11926.4	8470.0	5013.6	3055.5	1097.4	771.6	445.9	408.3	370.0	361.9
65°	12967.8	11099.6	7795.0	4490.4	2739.3	988.3	704.5	420.8	378.8	336.8	328.0
67.5°	12270.6	9922.6	6838.4	3754.1	2337.7	921.2	666.2	411.2	360.4	308.8	298.5
70°	11019.2	8506.2	5736.6	2966.3	1923.5	879.9	641.2	402.4	340.5	277.8	268.3
72.5°	9050.8	6820.0	4581.0	2341.4	1608.1	874.8	638.2	401.7	324.3	246.9	238.0
75°	6480.2	5180.2	3496.9	1813.0	1317.0	821.0	605.8	390.6	302.2	213.0	204.9
77.5°	4360.7	3585.4	2430.5	1275.0	977.2	679.5	509.2	339.0	258.7	178.3	170.2
80°	2800.5	2481.4	1628.7	776.0	633.8	491.6	364.1	236.6	188.7	140.0	133.4
82.5°	2054.7	1846.9	1132.0	417.1	352.3	286.7	222.6	158.4	129.0	99.5	96.5
85°	1305.9	1440.0	833.5	227.0	185.7	144.4	119.4	94.3	74.4	54.5	54.5
87.5°	253.5	350.8	230.7	109.8	80.3	50.9	43.5	35.4	19.9	3.7	4.4
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



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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°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	5294.4	5243.6	5192.7	5135.2	5077.0	5023.2	4968.7	4909.0	4920.0	4874.3	4828.7
5°	4407.1	4326.0	4244.2	4173.5	4102.7	4041.6	3979.7	3924.4	3972.3	3939.9	3907.4
7.5°	3406.3	3306.1	3205.1	3120.3	3035.6	2970.0	2903.7	2858.0	2905.2	2899.3	2893.4
10°	2849.1	2751.9	2653.8	2560.2	2466.7	2387.1	2306.7	2238.9	2227.1	2193.2	2158.6
12.5°	2607.4	2474.0	2339.9	2241.9	2143.9	2048.8	1953.7	1874.1	1838.0	1782.0	1725.3
15°	2314.8	2157.1	1999.4	1888.1	1776.1	1684.0	1591.1	1522.6	1499.7	1456.3	1412.8
17.5°	1929.4	1756.9	1584.5	1471.7	1358.2	1284.5	1210.1	1164.4	1164.4	1151.9	1139.4
20°	1476.2	1322.1	1168.1	1081.9	995.7	956.6	916.8	897.6	903.5	904.3	904.3
22.5°	1082.6	988.3	893.9	859.3	823.9	809.9	795.9	787.8	790.8	791.5	792.2
25°	852.7	816.6	779.7	762.0	743.6	734.8	725.9	723.0	729.6	730.3	730.3
27.5°	748.8	726.7	703.8	692.8	681.0	677.3	673.6	668.4	675.1	675.1	674.3
30°	696.4	672.9	649.3	635.3	621.3	622.7	623.5	622.0	626.4	629.4	631.6
32.5°	653.7	630.8	608.0	594.0	579.3	577.1	574.8	573.4	582.9	588.1	593.3
35°	615.4	590.3	565.3	552.0	538.7	533.6	528.4	524.7	533.6	540.2	546.8
37.5°	589.6	563.8	537.3	524.7	511.5	504.8	498.2	493.8	497.5	500.4	503.4
40°	568.9	542.4	515.1	500.4	485.7	479.0	472.4	468.7	470.9	471.7	472.4
42.5°	549.8	524.0	498.2	482.0	465.0	456.9	448.8	444.4	445.9	447.3	448.1
45°	535.8	510.0	483.5	464.3	444.4	435.6	426.7	421.5	422.3	422.3	422.3
47.5°	549.0	511.5	473.1	451.0	428.2	417.9	407.5	402.4	400.9	399.4	398.0
50°	597.7	533.6	468.7	440.7	412.0	400.9	389.1	383.2	379.5	378.1	376.6
52.5°	583.7	528.4	472.4	436.3	399.4	386.2	372.9	363.3	359.6	357.4	355.2
55°	534.3	499.7	464.3	420.8	377.3	365.5	353.0	346.4	339.7	338.3	336.8
57.5°	469.5	455.4	441.4	397.2	353.0	342.0	330.2	325.7	319.8	319.8	319.1
60°	392.8	413.4	434.1	383.2	331.6	319.1	306.6	302.9	300.7	299.9	299.2
62.5°	353.0	386.9	420.1	366.3	311.7	298.5	285.2	280.8	280.1	280.8	280.8
65°	319.1	329.4	339.7	314.7	289.6	276.4	262.4	257.9	259.4	261.6	263.8
67.5°	288.2	285.9	283.7	274.9	265.3	254.3	242.5	238.0	238.8	241.7	244.7
70°	258.7	255.7	252.0	245.4	238.8	229.2	219.6	216.7	215.9	219.6	222.6
72.5°	229.2	225.5	221.1	215.9	210.0	201.9	193.8	191.6	192.4	194.6	196.8
75°	196.8	193.8	190.1	185.7	180.6	173.2	165.8	164.3	165.8	168.0	170.2
77.5°	161.4	160.7	159.2	155.5	151.8	143.7	134.9	134.1	136.3	138.6	140.0
80°	126.0	126.8	127.5	124.5	121.6	112.8	103.2	102.4	104.7	106.9	109.1
82.5°	92.9	95.1	96.5	92.9	89.2	78.9	68.5	67.1	74.4	76.6	78.9
85°	53.8	56.7	59.7	56.7	53.8	43.5	33.2	32.4	39.1	42.7	46.4
87.5°	4.4	5.9	7.4	6.6	5.9	2.9	0.0	0.0	0.7	3.7	6.6
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-SA4C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320768

CATALOG NUMBER: GAN-SA4C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	4799.9	4771.2	4762.3	4753.5	4721.1	4687.9	4721.8	4755.0	4769.0	4783.0	4746.8
5°	3903.0	3897.9	3897.9	3897.1	3867.6	3837.4	3860.3	3882.4	3833.0	3783.6	3778.5
7.5°	2925.0	2956.7	2982.5	3007.6	2998.0	2988.4	3009.8	3031.2	2968.5	2905.2	2874.2
10°	2166.0	2172.6	2200.6	2228.6	2235.2	2241.1	2267.7	2293.5	2244.8	2196.2	2174.8
12.5°	1689.9	1654.5	1658.2	1661.1	1674.4	1686.9	1714.9	1742.2	1722.3	1701.7	1703.9
15°	1368.6	1323.6	1305.2	1286.0	1300.8	1315.5	1335.4	1354.6	1355.3	1355.3	1374.5
17.5°	1117.3	1094.4	1076.0	1056.8	1076.7	1095.9	1098.1	1100.3	1101.0	1101.8	1100.3
20°	915.3	926.4	920.5	914.6	922.0	928.6	934.5	939.6	933.0	925.6	907.2
22.5°	802.6	812.1	819.5	826.1	838.7	850.5	844.6	837.9	824.7	810.7	796.7
25°	737.0	743.6	751.0	758.3	768.7	778.2	767.9	757.6	748.0	738.4	728.9
27.5°	681.7	688.3	695.0	700.9	710.4	719.3	709.7	700.1	692.0	683.9	676.5
30°	636.7	641.2	646.3	651.5	660.3	668.4	660.3	651.5	645.6	639.0	633.8
32.5°	598.4	602.8	605.1	607.3	615.4	623.5	617.6	611.7	606.5	601.4	597.7
35°	556.4	565.3	566.7	568.2	576.3	584.4	580.7	576.3	570.4	564.5	557.9
37.5°	513.7	524.0	529.9	535.0	543.1	551.3	547.6	543.9	535.8	527.7	515.9
40°	477.6	482.0	493.0	503.4	516.6	529.1	521.8	513.7	501.1	488.6	482.7
42.5°	447.3	446.6	456.9	467.2	487.1	506.3	493.0	479.8	468.0	456.2	454.7
45°	420.8	418.6	423.8	428.9	450.3	470.9	457.7	443.7	437.0	430.4	430.4
47.5°	397.2	395.8	399.4	402.4	415.7	428.2	421.5	414.9	411.2	407.5	408.3
50°	375.9	374.4	378.1	381.0	386.2	390.6	392.1	392.8	390.6	388.4	389.9
52.5°	356.0	356.0	357.4	358.2	364.8	371.4	371.4	370.7	370.7	370.7	372.2
55°	339.0	340.5	340.5	340.5	350.8	360.4	357.4	354.5	355.2	355.2	356.7
57.5°	322.1	324.3	325.7	327.2	337.5	347.9	344.9	342.0	342.0	342.0	342.7
60°	302.9	305.8	308.8	311.7	322.1	332.4	329.4	325.7	326.5	327.2	328.0
62.5°	284.5	287.4	290.4	293.3	303.6	314.0	311.0	307.3	309.5	311.0	311.0
65°	266.8	269.0	271.9	274.9	284.5	294.1	291.1	288.2	291.1	293.3	294.8
67.5°	246.9	248.4	251.3	254.3	263.8	273.4	270.5	266.8	270.5	273.4	276.4
70°	224.0	225.5	229.2	232.1	241.7	251.3	247.6	243.9	247.6	251.3	254.3
72.5°	199.0	200.5	204.1	207.1	218.1	229.2	224.8	220.4	224.8	229.2	230.7
75°	171.7	173.2	177.6	181.3	192.4	203.4	199.7	195.3	199.0	202.7	203.4
77.5°	142.2	144.4	150.3	156.2	165.1	173.9	171.7	169.5	171.7	173.9	173.9
80°	111.3	113.5	120.9	127.5	132.7	137.8	138.6	139.3	140.0	140.8	140.0
82.5°	82.5	85.5	92.1	98.8	98.8	98.8	104.7	109.8	109.8	109.1	108.3
85°	50.9	54.5	60.4	66.3	62.6	59.0	68.5	77.4	77.4	76.6	75.2
87.5°	10.3	14.0	19.9	25.1	21.4	17.7	27.3	36.8	37.6	37.6	36.1
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: P320768
 CATALOG NUMBER: GAN-SA4C-827-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: P320768

CATALOG NUMBER: GAN-SA4C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	4710.0	4767.5	4824.2	4839.0	4861.1	4870.7	4879.5	4951.7	5023.2	5107.2	5191.2
5°	3772.6	3815.3	3858.1	3864.7	3887.5	3899.3	3911.1	3998.8	4085.8	4203.0	4320.1
7.5°	2843.2	2853.6	2863.9	2862.4	2881.6	2907.4	2932.4	3026.0	3118.9	3244.9	3370.2
10°	2153.4	2177.0	2199.9	2221.2	2263.2	2311.9	2359.8	2455.6	2551.4	2676.0	2799.8
12.5°	1706.1	1733.4	1759.9	1783.5	1832.1	1897.0	1961.1	2076.1	2191.0	2339.9	2488.0
15°	1392.9	1390.7	1388.5	1404.7	1447.4	1518.2	1588.2	1709.8	1831.4	1995.0	2157.9
17.5°	1098.8	1087.8	1076.7	1089.2	1129.0	1187.3	1244.7	1347.9	1450.4	1608.8	1767.3
20°	888.8	881.4	874.1	885.8	910.9	935.2	959.5	1034.0	1107.7	1236.6	1364.9
22.5°	781.9	781.2	779.7	786.4	798.1	810.7	822.5	858.6	893.9	977.2	1059.8
25°	719.3	718.5	717.8	720.8	730.3	739.9	749.5	773.1	796.7	836.5	876.3
27.5°	669.2	667.7	666.2	667.0	669.2	683.9	697.9	709.0	719.3	746.6	773.1
30°	628.6	627.9	627.2	627.2	625.0	630.1	635.3	652.2	668.4	696.4	724.4
32.5°	594.0	590.3	586.6	578.5	573.4	580.7	588.1	605.8	623.5	649.3	675.1
35°	550.5	540.9	530.6	526.2	526.9	534.3	541.7	559.4	576.3	604.3	631.6
37.5°	503.4	500.4	496.7	496.0	498.2	505.6	512.9	528.4	543.1	571.2	598.4
40°	476.8	475.3	473.9	472.4	473.9	481.2	488.6	503.4	517.4	544.6	571.2
42.5°	453.2	452.5	451.8	451.8	452.5	460.6	468.7	483.5	497.5	521.8	546.1
45°	430.4	431.1	431.1	432.6	434.8	442.9	450.3	466.5	482.7	506.3	529.9
47.5°	409.0	411.2	412.7	416.4	418.6	427.4	435.6	453.2	470.9	500.4	529.1
50°	390.6	392.8	394.3	397.2	403.1	413.4	423.8	445.1	465.8	515.1	563.8
52.5°	373.6	375.9	378.1	381.0	388.4	400.2	412.0	438.5	464.3	521.8	579.3
55°	358.2	360.4	361.9	366.3	373.6	384.0	393.5	426.0	458.4	500.4	542.4
57.5°	343.4	345.6	347.1	350.1	353.7	364.8	375.1	409.8	444.4	473.9	502.6
60°	328.0	329.4	330.2	330.2	333.1	345.6	358.2	402.4	445.9	440.7	434.8
62.5°	311.0	312.5	313.2	311.0	314.7	328.0	341.2	398.7	456.2	420.8	385.4
65°	295.5	294.8	294.1	291.8	296.3	309.5	322.1	350.8	379.5	365.5	351.5
67.5°	278.6	276.4	274.2	271.2	275.6	287.4	298.5	308.1	317.6	319.1	320.6
70°	257.2	254.3	251.3	250.6	252.8	262.4	271.9	278.6	284.5	287.4	289.6
72.5°	232.1	229.9	227.7	226.3	227.0	235.1	242.5	248.4	254.3	256.5	257.9
75°	204.1	204.1	203.4	199.0	199.0	205.6	211.5	216.7	221.8	224.8	227.7
77.5°	173.9	174.7	174.7	168.8	168.0	174.7	180.6	185.0	188.7	191.6	193.8
80°	139.3	137.8	136.3	132.7	131.2	139.3	146.7	150.3	153.3	154.0	154.0
82.5°	106.9	103.9	100.2	92.1	92.9	101.7	109.8	112.8	115.7	115.7	115.7
85°	73.0	67.1	60.4	53.8	54.5	64.1	73.0	75.9	78.9	80.3	81.1
87.5°	34.6	28.7	22.1	17.0	17.0	25.1	32.4	33.9	35.4	38.3	41.3
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: P320768

CATALOG NUMBER: GAN-SA4C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320768

CATALOG NUMBER: GAN-SA4C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	5255.4	5318.7	5384.3	5449.9	5525.1	5600.3	5688.0	5774.9	5849.4	5923.8	5985.7
5°	4421.1	4522.1	4640.7	4759.4	4910.5	5061.5	5246.5	5430.8	5595.1	5759.5	5950.3
7.5°	3502.1	3633.3	3788.0	3942.8	4138.1	4333.4	4572.9	4812.4	5044.6	5276.0	5569.3
10°	2937.6	3075.4	3227.9	3379.8	3578.7	3777.0	4030.5	4283.3	4544.2	4804.3	5136.0
12.5°	2641.3	2793.9	2928.0	3062.1	3223.5	3384.2	3629.6	3875.0	4181.6	4487.4	4806.5
15°	2325.2	2491.7	2652.4	2813.0	2989.2	3164.6	3403.3	3642.1	3977.4	4312.8	4679.8
17.5°	1942.7	2118.1	2314.1	2509.4	2739.3	2968.5	3274.4	3580.2	3977.4	4373.9	4806.5
20°	1544.0	1723.0	1957.4	2191.8	2477.7	2762.9	3159.4	3555.9	4090.9	4625.2	5177.2
22.5°	1218.2	1375.9	1631.7	1886.7	2216.8	2547.0	3055.5	3563.3	4262.7	4961.3	5706.4
25°	987.5	1098.8	1350.1	1600.7	1981.7	2362.7	2992.1	3620.8	4512.5	5403.5	6327.7
27.5°	846.0	919.0	1153.4	1387.0	1803.4	2219.0	2966.3	3712.9	4829.4	5945.9	7003.5
30°	775.3	826.1	1024.4	1221.9	1644.9	2067.9	2935.4	3802.8	5134.5	6465.5	7531.9
32.5°	716.3	756.9	926.4	1095.1	1507.8	1920.6	2875.7	3830.1	5347.5	6864.9	7979.2
35°	666.2	700.1	847.5	994.9	1400.3	1805.6	2775.4	3745.3	5480.9	7216.4	8445.0
37.5°	625.7	652.2	788.6	924.9	1307.4	1689.9	2661.2	3632.5	5599.5	7566.5	8969.0
40°	594.0	616.8	744.3	871.8	1219.0	1566.1	2563.2	3559.6	5763.1	7966.7	9522.4
42.5°	576.3	605.8	706.0	805.5	1134.9	1464.4	2484.3	3504.3	5915.0	8324.9	10006.6
45°	571.9	613.9	686.1	758.3	1072.3	1386.2	2414.3	3441.7	6013.0	8584.3	10371.4
47.5°	564.5	599.2	670.6	742.1	1041.3	1339.8	2376.7	3412.9	6111.0	8808.3	10674.3
50°	568.9	573.4	658.1	742.1	1036.9	1331.7	2419.5	3507.3	6323.2	9138.5	11020.7
52.5°	560.8	541.7	634.5	727.4	1036.2	1345.0	2542.6	3740.1	6717.5	9694.2	11395.8
55°	518.1	493.0	590.3	687.6	1020.7	1353.1	2689.2	4024.6	7246.7	10468.0	12070.2
57.5°	480.5	457.7	540.2	622.0	973.5	1325.1	2840.3	4354.8	7806.0	11256.5	12830.0
60°	430.4	425.2	484.2	543.1	900.6	1257.3	2964.8	4671.7	8181.9	11691.4	13122.6
62.5°	389.1	392.1	435.6	479.0	809.2	1138.6	3006.1	4872.9	8171.6	11470.3	12827.8
65°	357.4	362.6	405.3	448.1	731.1	1014.1	2870.5	4726.2	7758.1	10789.3	12244.8
67.5°	326.5	332.4	383.2	433.3	661.8	889.5	2531.5	4172.7	7014.5	9855.6	11503.4
70°	297.0	304.4	359.6	414.9	611.7	807.7	2094.5	3381.2	6083.7	8785.5	10644.9
72.5°	265.3	272.7	331.6	390.6	580.0	768.7	1707.6	2645.7	4937.0	7227.5	9105.3
75°	232.9	238.0	302.2	365.5	536.5	707.5	1339.8	1971.4	3778.5	5585.5	6877.4
77.5°	200.5	207.1	260.9	314.0	455.4	596.2	1009.7	1423.1	2772.5	4121.2	4783.0
80°	159.9	165.8	204.1	241.7	351.5	460.6	694.2	927.9	1908.0	2888.2	3261.1
82.5°	122.3	129.0	154.8	179.8	250.6	321.3	420.8	520.3	1267.6	2014.1	2045.1
85°	84.0	86.2	104.7	122.3	154.8	187.2	241.0	294.8	838.7	1382.6	1151.9
87.5°	42.0	42.0	54.5	67.1	83.3	99.5	127.5	154.8	268.3	381.8	219.6
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: P320768
 CATALOG NUMBER: GAN-SA4C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320768

CATALOG NUMBER: GAN-SA4C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	6064.6	6118.4	6172.9	6214.2	6256.2	6316.6	6377.0	6388.1	6399.9	6376.3	6352.7
5°	6142.7	6305.5	6469.2	6620.2	6771.3	6862.0	6952.6	6971.0	6989.5	6932.7	6875.2
7.5°	5853.0	6136.8	6420.5	6680.7	6940.8	7098.5	7257.0	7292.4	7328.5	7235.6	7142.8
10°	5466.1	5814.7	6163.3	6506.0	6848.7	7077.9	7307.1	7352.8	7398.5	7282.8	7167.1
12.5°	5166.9	5539.1	5911.3	6272.4	6634.2	6871.5	7108.9	7165.6	7222.3	7138.3	7053.6
15°	5074.8	5424.9	5774.9	6089.6	6405.0	6598.9	6793.4	6816.3	6839.9	6826.6	6813.3
17.5°	5242.1	5558.3	5875.2	6046.1	6217.8	6295.2	6373.4	6398.4	6424.2	6457.4	6491.3
20°	5647.4	5870.0	6093.3	6085.9	6077.8	6040.2	6001.9	5995.3	5988.6	6083.7	6179.5
22.5°	6252.5	6340.9	6430.1	6223.0	6015.9	5889.9	5763.1	5738.1	5712.3	5813.3	5915.0
25°	6909.1	6892.9	6876.0	6481.7	6086.7	5846.4	5606.2	5578.2	5550.2	5636.4	5723.3
27.5°	7559.1	7453.0	7346.9	6811.1	6275.3	5926.7	5578.2	5550.2	5522.1	5598.8	5675.4
30°	8036.0	7865.7	7695.5	7089.0	6482.4	6068.2	5654.1	5608.4	5561.9	5656.3	5750.6
32.5°	8408.1	8179.7	7951.2	7314.5	6677.7	6229.6	5781.6	5710.1	5638.6	5764.6	5890.6
35°	8779.6	8458.2	8136.2	7515.7	6894.4	6420.5	5945.9	5858.2	5770.5	5943.7	6116.9
37.5°	9246.8	8785.5	8323.4	7741.9	7160.4	6706.5	6251.7	6161.8	6071.9	6292.3	6513.4
40°	9753.8	9138.5	8523.1	7989.5	7456.0	7102.2	6747.7	6662.2	6576.0	6844.3	7112.5
42.5°	10175.4	9467.2	8758.9	8288.0	7816.3	7567.2	7317.4	7316.7	7315.2	7587.1	7859.1
45°	10518.1	9741.3	8963.8	8579.1	8193.7	8064.0	7934.3	8038.2	8142.1	8387.5	8633.6
47.5°	10773.8	9971.3	9168.0	8912.2	8656.5	8675.7	8694.8	8906.3	9117.8	9275.6	9434.0
50°	10940.4	10179.8	9418.5	9339.7	9260.8	9432.5	9605.0	9847.4	10090.6	10198.2	10305.8
52.5°	11182.8	10462.8	9742.1	9830.5	9918.9	10269.7	10620.5	10865.9	11111.4	11151.2	11191.7
55°	11743.7	10983.1	10221.8	10391.3	10561.6	11076.0	11591.1	11782.7	11974.4	11989.1	12003.8
57.5°	12540.3	11712.0	10883.6	11066.4	11249.2	11843.2	12437.9	12644.3	12851.4	12822.6	12793.1
60°	13136.6	12404.0	11670.7	11855.0	12039.2	12618.5	13197.7	13435.0	13673.1	13609.7	13546.3
62.5°	13173.4	12782.1	12390.0	12556.6	12723.9	13291.3	13858.8	14102.7	14346.7	14236.1	14125.6
65°	12587.5	12762.9	12938.3	12993.6	13048.9	13578.0	14107.9	14294.3	14481.5	14425.5	14369.5
67.5°	11780.5	12426.9	13073.9	12962.6	12851.4	13099.7	13348.1	13540.4	13732.8	13701.1	13668.7
70°	10975.0	11838.0	12701.0	12154.2	11606.6	11504.2	11401.7	11608.8	11816.6	11688.4	11559.4
72.5°	9603.5	10523.3	11443.7	10436.3	9428.8	9078.8	8728.7	8991.8	9254.9	9050.8	8845.9
75°	7538.5	8554.8	9571.8	8369.8	7167.8	6700.6	6233.3	6459.6	6685.8	6545.8	6405.0
77.5°	5612.1	6613.6	7615.2	6393.2	5170.6	4823.5	4475.6	4542.7	4610.5	4586.9	4562.6
80°	3806.5	4504.4	5203.0	4389.4	3575.8	3602.3	3629.6	3597.9	3565.5	3612.6	3659.8
82.5°	2429.1	2967.8	3507.3	3075.4	2643.5	2891.1	3138.8	3017.2	2894.8	2939.8	2985.5
85°	1386.2	1913.2	2440.9	2275.0	2108.5	2252.9	2398.1	2209.4	2020.8	2103.3	2186.6
87.5°	365.5	1058.3	1751.8	1590.4	1429.0	1241.8	1054.6	804.8	554.9	810.7	1066.4
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: P320768
 CATALOG NUMBER: GAN-SA4C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7	5615.7
2.5°	6340.2	6327.7	6282.7	6237.0	6169.2	6113.2	6015.9
5°	6795.6	6716.0	6579.0	6441.2	6287.9	6111.7	5916.4
7.5°	6957.0	6770.6	6507.5	6243.6	6006.3	5727.8	5468.3
10°	6888.5	6609.2	6267.2	5924.5	5636.4	5315.8	5027.6
12.5°	6757.3	6460.3	6083.7	5706.4	5378.4	5034.3	4711.5
15°	6576.8	6339.4	5986.4	5633.4	5303.3	4968.7	4586.2
17.5°	6379.2	6266.5	6011.5	5755.8	5469.8	5145.6	4696.7
20°	6220.1	6261.3	6159.6	6057.9	5828.7	5545.7	5041.6
22.5°	6112.5	6310.7	6388.8	6467.7	6329.9	6108.8	5525.8
25°	6052.0	6380.7	6642.3	6904.7	6843.5	6673.3	6113.9
27.5°	6078.6	6481.7	6887.8	7294.6	7351.3	7304.1	6733.7
30°	6158.2	6566.4	7060.9	7556.2	7782.4	7845.8	7250.3
32.5°	6290.8	6691.0	7229.7	7769.2	8111.1	8313.1	7722.7
35°	6491.3	6865.6	7427.2	7988.8	8431.0	8799.5	8210.6
37.5°	6835.4	7157.5	7675.6	8194.4	8767.8	9321.2	8747.9
40°	7339.5	7567.2	8005.0	8443.5	9165.0	9912.3	9347.0
42.5°	7975.5	8092.7	8439.8	8786.9	9579.9	10448.8	9932.9
45°	8664.6	8695.6	8913.7	9132.6	9908.6	10814.4	10372.9
47.5°	9327.9	9221.8	9308.7	9395.7	10160.7	11075.2	10706.8
50°	10010.3	9714.8	9669.1	9623.4	10412.7	11382.6	11131.3
52.5°	10704.5	10217.4	10036.8	9855.6	10713.4	11790.1	11659.7
55°	11384.0	10764.2	10521.0	10277.8	11173.3	12287.6	12435.7
57.5°	12090.8	11388.5	11162.9	10937.4	11849.1	12917.7	13132.1
60°	12851.4	12155.6	11975.1	11793.8	12689.2	13598.6	13442.4
62.5°	13572.8	13020.1	12925.0	12829.2	13538.9	14121.9	13321.5
65°	14054.8	13739.4	13827.8	13917.0	14181.6	14252.3	12967.8
67.5°	13732.8	13796.9	14170.5	14544.9	14362.9	13864.7	12270.6
70°	11943.4	12328.1	13213.2	14099.0	13695.2	12826.3	11019.2
72.5°	9277.8	9710.4	11024.4	12339.2	11967.0	10902.8	9050.8
75°	6892.9	7381.5	8831.9	10282.3	9765.6	8155.4	6480.2
77.5°	4889.8	5217.0	6649.0	8081.7	7239.3	5428.5	4360.7
80°	3559.6	3459.4	4257.5	5055.6	4915.6	3590.5	2800.5
82.5°	2740.8	2496.1	2872.0	3247.8	3227.2	2491.7	2054.7
85°	2088.6	1990.6	2322.9	2655.3	2370.8	1687.7	1305.9
87.5°	1217.5	1369.3	1760.6	2152.7	1615.4	512.2	253.5
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)