

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: P320238

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320238
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-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 2700K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT 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 III - 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

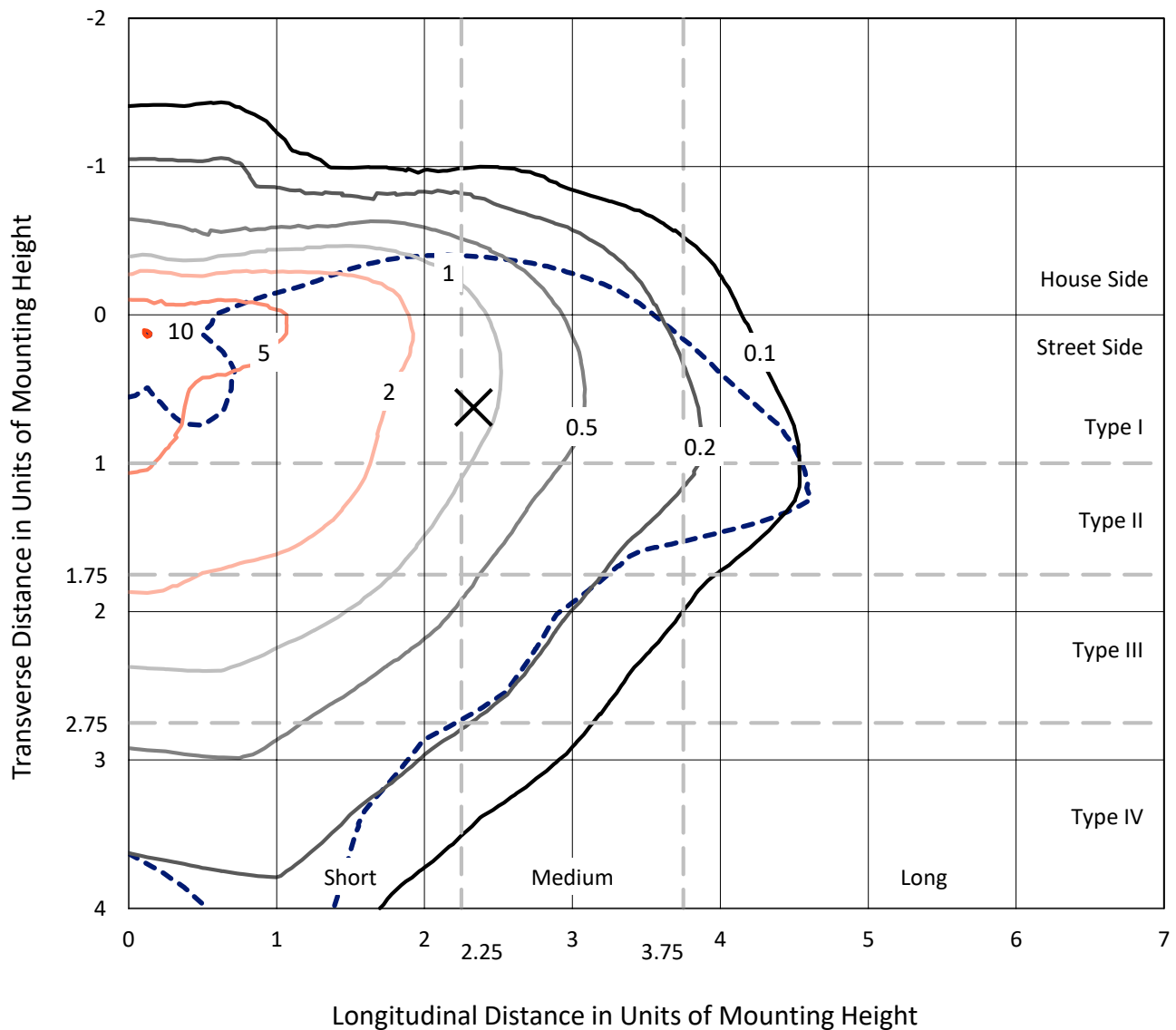


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Iso-Footcandle Lines of Horizontal Illumination

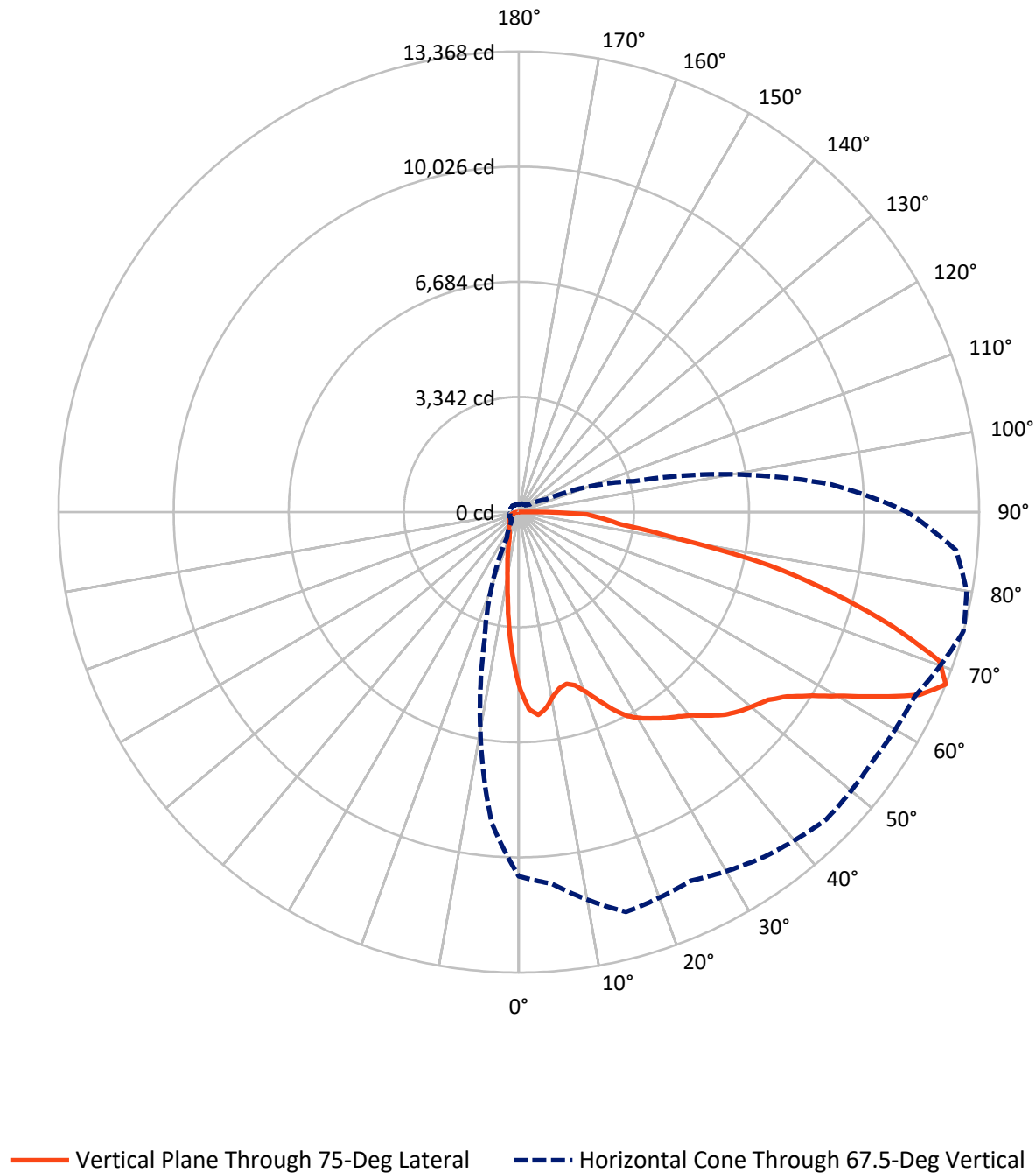
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10.4 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2983.9	0.0	2983.9
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	13958.1	0.0	13958.1
	% Fixture	82.4	0.0	82.4
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°	1695.9	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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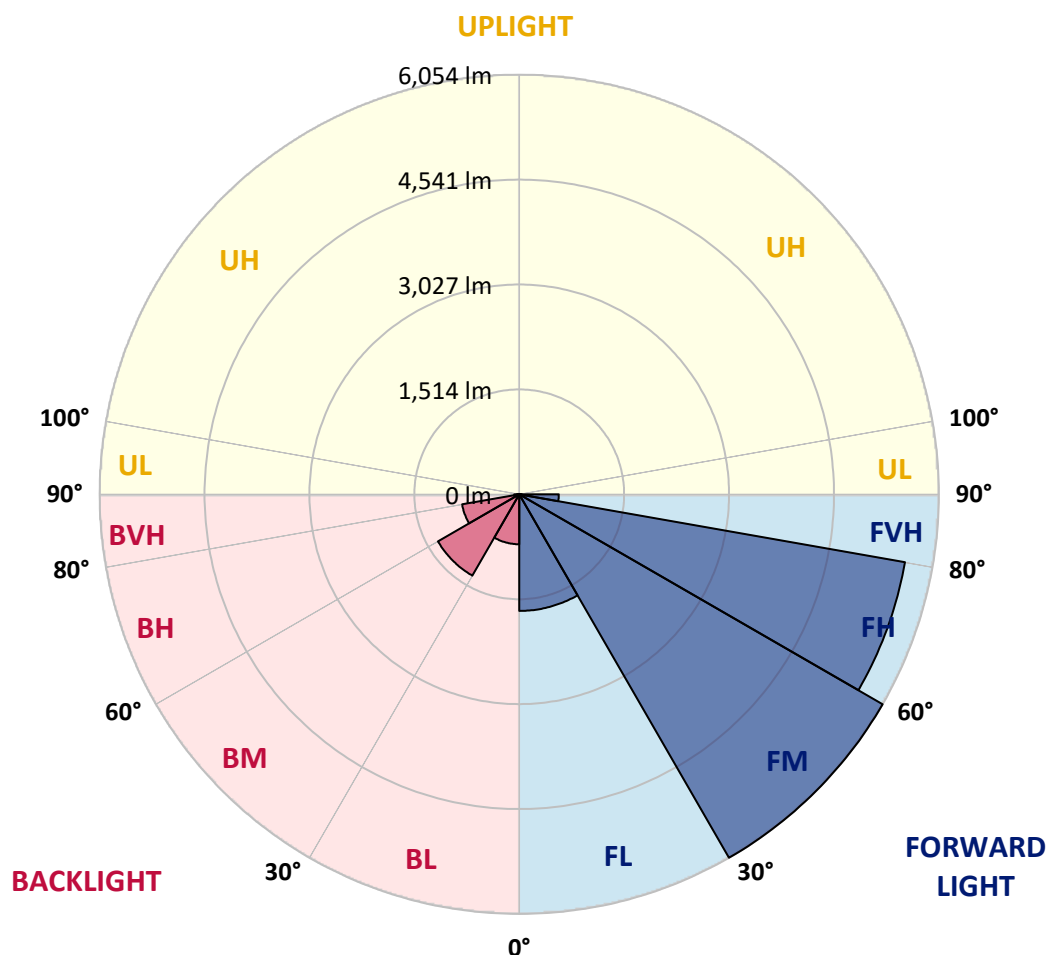
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1682.2	9.9			
FM	(30°-60°)	6054.2	35.7			
FH	(60°-80°)	5651.3	33.4			G3/7500
FVH	(80°-90°)	570.5	3.4			G4/750
BL	(0°-30°)	720.6	4.3	B2/1000		
BM	(30°-60°)	1354.5	8.0	B2/2500		
BH	(60°-80°)	836.6	4.9	B2/1000		G2/1000
BVH	(80°-90°)	72.2	0.4			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 III 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°	5501.5	5574.0	5624.1	5673.5	5712.2	5750.1	5805.6	5861.2	5872.0	5882.2	5860.5
5°	5469.0	5645.8	5796.1	5945.8	6084.7	6223.6	6306.9	6390.2	6407.1	6424.1	6371.9
7.5°	5118.8	5379.6	5640.4	5901.1	6140.2	6379.3	6525.0	6669.9	6703.1	6735.6	6650.3
10°	4720.5	5024.0	5344.3	5664.7	5979.7	6294.7	6505.3	6716.0	6758.0	6800.0	6693.6
12.5°	4417.7	4748.9	5091.0	5433.1	5765.7	6097.6	6315.7	6533.8	6585.9	6638.1	6560.9
15°	4301.2	4664.3	4986.0	5307.8	5597.7	5886.9	6065.7	6243.9	6265.6	6286.5	6274.4
17.5°	4417.7	4818.0	5109.3	5399.9	5557.7	5714.9	5786.7	5857.8	5881.5	5904.5	5935.7
20°	4758.4	5190.6	5395.8	5600.4	5593.6	5586.2	5551.6	5516.4	5510.3	5504.2	5592.3
22.5°	5244.8	5746.7	5828.7	5909.9	5719.6	5529.3	5413.4	5296.9	5273.9	5250.2	5343.7
25°	5815.8	6350.2	6335.3	6319.7	5957.4	5594.3	5373.5	5152.7	5126.9	5101.2	5181.1
27.5°	6436.9	6947.6	6850.1	6752.6	6260.1	5767.7	5447.3	5126.9	5101.2	5075.4	5145.9
30°	6922.6	7385.9	7229.4	7073.0	6515.5	5958.0	5577.4	5196.7	5154.7	5112.0	5198.7
32.5°	7333.7	7728.0	7518.0	7308.0	6722.8	6137.5	5725.7	5313.9	5248.2	5182.5	5298.3
35°	7761.8	8069.4	7774.0	7478.0	6907.7	6336.7	5901.1	5464.9	5384.3	5303.7	5462.9
37.5°	8243.4	8498.8	8074.8	7650.1	7115.6	6581.2	6163.9	5746.0	5663.4	5580.7	5784.0
40°	8752.1	8964.8	8399.2	7833.6	7343.2	6852.8	6527.7	6201.9	6123.3	6044.1	6290.6
42.5°	9197.2	9352.3	8701.3	8050.4	7617.6	7184.0	6955.1	6725.5	6724.8	6723.4	6973.4
45°	9532.4	9667.2	8953.3	8238.7	7885.1	7530.9	7411.6	7292.4	7387.9	7483.4	7709.7
47.5°	9810.8	9902.3	9164.6	8426.3	8191.3	7956.2	7973.8	7991.5	8185.9	8380.3	8525.9
50°	10129.2	10055.4	9356.3	8656.6	8584.1	8511.7	8670.2	8828.0	9051.5	9274.4	9373.3
52.5°	10474.0	10278.2	9616.4	8954.0	9035.3	9116.5	9439.0	9761.4	9987.0	10212.5	10249.8
55°	11093.8	10793.7	10094.7	9394.9	9551.4	9707.2	10180.7	10653.5	10829.6	11005.7	11019.2
57.5°	11792.1	11525.9	10764.6	10003.2	10171.2	10339.2	10885.8	11431.8	11622.1	11811.7	11785.3
60°	12061.0	12073.9	11400.6	10726.6	10896.0	11065.3	11597.7	12130.1	12348.9	12567.0	12508.8
62.5°	11790.1	12107.8	11748.1	11387.7	11541.5	11694.6	12216.1	12737.7	12961.9	13186.1	13084.5
65°	11254.3	11569.3	11730.5	11891.7	11942.5	11993.3	12480.3	12966.6	13138.7	13310.1	13258.6
67.5°	10572.9	10827.6	11422.3	12016.3	11914.0	11811.7	12040.0	12268.3	12445.1	12621.9	12592.7
70°	9783.7	10087.2	10880.4	11673.6	11171.0	10667.7	10573.5	10479.4	10670.4	10860.7	10742.9
72.5°	8368.7	8826.6	9672.7	10518.0	9592.1	8666.1	8344.4	8022.6	8264.4	8506.2	8318.6
75°	6321.1	6928.7	7863.4	8797.5	7692.7	6588.0	6158.5	5729.1	5937.0	6145.0	6016.3
77.5°	4396.0	5158.1	6078.6	6999.1	5876.1	4752.3	4433.3	4113.6	4175.9	4237.5	4215.9
80°	2997.3	3498.5	4140.7	4782.1	4034.3	3286.5	3311.6	3336.0	3306.9	3277.1	3320.4
82.5°	1879.7	2232.6	2728.4	3223.5	2826.6	2429.7	2657.3	2884.9	2773.1	2660.7	2702.7
85°	1058.7	1274.1	1759.1	2243.4	2091.0	1937.9	2071.4	2204.1	2030.7	1857.3	1933.9
87.5°	201.9	336.0	973.4	1610.1	1461.7	1313.4	1141.3	969.3	739.7	510.0	745.1
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°	5838.8	5827.3	5815.8	5774.5	5732.5	5670.2	5618.7	5529.3	5480.5	5406.7	5332.8
5°	6319.1	6245.9	6172.8	6046.8	5920.1	5779.2	5617.3	5437.8	5302.3	5126.2	4950.1
7.5°	6564.9	6394.2	6222.9	5981.1	5738.6	5520.5	5264.4	5026.0	4822.8	4593.8	4364.9
10°	6587.3	6331.3	6074.5	5760.2	5445.3	5180.4	4885.8	4620.9	4377.1	4114.3	3850.8
12.5°	6483.0	6210.7	5937.7	5591.6	5244.8	4944.0	4627.0	4330.3	4060.1	3770.8	3480.9
15°	6262.2	6044.7	5826.6	5502.2	5177.7	4874.3	4566.7	4215.2	3909.7	3613.7	3317.0
17.5°	5966.2	5863.2	5759.6	5525.2	5290.2	5027.3	4729.3	4316.8	3959.2	3637.4	3315.7
20°	5679.6	5717.6	5754.8	5661.3	5567.9	5357.2	5097.1	4633.8	4177.3	3756.6	3335.3
22.5°	5436.5	5618.7	5800.2	5872.7	5944.5	5817.8	5614.6	5078.8	4474.6	3925.3	3375.9
25°	5260.4	5562.5	5864.6	6105.7	6346.2	6289.9	6133.5	5619.4	4868.8	4168.5	3467.4
27.5°	5216.3	5586.8	5957.4	6331.3	6704.5	6756.6	6713.3	6189.0	5338.9	4470.6	3601.5
30°	5285.4	5660.7	6035.3	6490.4	6944.9	7152.9	7211.1	6663.8	5876.1	4822.8	3768.8
32.5°	5414.1	5781.9	6149.7	6645.5	7140.7	7455.0	7640.6	7098.0	6250.6	5088.3	3925.3
35°	5622.1	5966.2	6310.3	6826.4	7342.5	7749.0	8087.6	7546.4	6583.2	5273.9	3963.9
37.5°	5986.5	6282.5	6578.5	7055.3	7531.5	8058.5	8567.2	8040.2	6942.9	5452.7	3961.9
40°	6537.2	6746.5	6955.1	7358.1	7760.5	8423.6	9110.5	8590.9	7340.5	5646.4	3952.4
42.5°	7223.3	7331.0	7438.1	7757.1	8076.1	8805.0	9603.6	9129.4	7719.8	5826.6	3933.4
45°	7935.2	7963.7	7992.1	8193.3	8393.8	9107.1	9939.5	9533.8	8051.1	5983.1	3914.4
47.5°	8670.8	8573.3	8475.8	8555.7	8635.6	9338.7	10179.3	9840.6	8383.6	6156.5	3928.7
50°	9472.2	9200.5	8928.9	8886.9	8844.9	9570.4	10461.8	10230.8	8783.3	6409.2	4035.0
52.5°	10286.3	9838.6	9390.9	9224.9	9058.3	9846.7	10836.4	10716.5	9353.6	6800.7	4247.0
55°	11032.8	10463.1	9893.5	9669.9	9446.4	10269.4	11293.6	11429.7	10084.5	7301.2	4517.3
57.5°	11758.2	11112.7	10467.2	10259.9	10052.7	10890.5	11872.7	12069.8	10822.8	7781.5	4739.5
60°	12450.5	11811.7	11172.3	11006.4	10839.7	11662.7	12498.6	12355.0	11203.5	8006.4	4808.6
62.5°	12982.9	12474.9	11966.9	11879.5	11791.4	12443.7	12979.5	12243.9	10961.7	7784.9	4608.1
65°	13207.1	12917.9	12628.0	12709.9	12791.2	13034.4	13099.4	11918.8	10201.7	7164.4	4127.1
67.5°	12562.9	12621.9	12680.8	13024.9	13368.3	13201.0	12743.1	11278.0	9119.9	6285.2	3450.5
70°	10624.3	10977.9	11330.8	12145.0	12958.5	12587.3	11788.7	10127.8	7818.1	5272.5	2726.4
72.5°	8130.3	8527.9	8924.9	10133.3	11341.0	10998.9	10020.8	8318.6	6268.3	4210.5	2152.0
75°	5886.9	6336.0	6784.4	8117.4	9450.5	8975.7	7495.6	5956.0	4761.1	3214.1	1666.3
77.5°	4193.5	4494.3	4795.0	6111.8	7427.9	6654.4	4989.4	4007.9	3295.3	2233.9	1171.8
80°	3363.8	3271.6	3179.5	3913.1	4646.7	4518.0	3300.1	2574.0	2280.7	1497.0	713.3
82.5°	2744.0	2519.1	2294.2	2639.7	2985.1	2966.1	2290.1	1888.5	1697.5	1040.4	383.4
85°	2009.7	1919.6	1829.5	2135.0	2440.5	2179.7	1551.1	1200.3	1323.6	766.1	208.6
87.5°	980.1	1119.7	1258.5	1618.9	1978.6	1485.4	470.8	233.0	322.4	212.0	100.9
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: P320238
 CATALOG NUMBER: GAN-SA4B-727-U-SLL

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: P320238

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

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°	5278.0	5222.4	5159.4	5096.4	5024.6	4952.2	4909.5	4866.1	4819.4	4772.7	4719.8
5°	4833.6	4717.1	4585.0	4452.9	4322.2	4191.5	4121.0	4050.6	3976.1	3900.9	3835.9
7.5°	4195.5	4025.5	3842.6	3659.1	3496.5	3333.3	3232.3	3130.7	3038.6	2945.8	2867.9
10°	3634.0	3417.3	3233.7	3049.5	2926.9	2804.3	2711.5	2618.7	2529.3	2439.2	2353.1
12.5°	3264.2	3047.4	2930.9	2814.4	2712.8	2611.2	2504.2	2396.5	2273.9	2150.6	2060.5
15°	3119.9	2922.8	2793.4	2663.4	2527.2	2390.4	2259.0	2127.6	1982.6	1837.7	1735.4
17.5°	3057.6	2799.5	2618.7	2437.1	2257.6	2078.1	1925.7	1773.3	1614.8	1456.3	1352.7
20°	2991.9	2648.5	2406.0	2162.8	1932.5	1702.2	1529.5	1356.7	1215.2	1073.6	994.4
22.5°	2932.3	2487.9	2183.8	1879.0	1606.7	1334.4	1165.1	995.0	908.3	821.6	789.8
25°	2907.9	2347.7	1973.8	1599.9	1312.7	1024.8	904.3	783.7	750.5	716.6	700.4
27.5°	2912.0	2222.4	1797.0	1371.0	1112.2	853.5	770.8	688.2	667.9	646.9	636.7
30°	2927.5	2086.3	1630.4	1174.5	961.2	747.8	694.3	640.1	618.4	596.8	583.9
32.5°	2945.1	1964.3	1501.7	1038.4	864.3	689.5	645.5	600.8	579.8	558.8	545.9
35°	2914.7	1864.8	1413.6	962.5	802.0	640.8	603.5	565.6	542.6	519.5	507.3
37.5°	2863.2	1764.5	1345.2	925.3	761.3	596.8	569.7	541.9	518.2	493.8	482.3
40°	2816.5	1679.8	1294.4	908.3	739.0	569.0	545.9	522.9	498.5	473.5	459.9
42.5°	2778.5	1622.9	1244.3	865.7	718.7	571.0	538.5	505.3	481.6	457.9	443.0
45°	2750.1	1585.7	1205.0	824.3	699.7	575.1	533.8	492.4	468.7	444.3	426.7
47.5°	2747.4	1566.0	1177.2	788.4	663.8	538.5	521.6	504.6	470.1	434.9	414.5
50°	2784.6	1534.2	1144.7	754.6	629.3	504.0	527.0	549.3	490.4	430.8	405.1
52.5°	2862.5	1478.0	1093.3	708.5	587.3	465.3	501.2	536.5	485.7	434.2	401.0
55°	2956.7	1395.4	1015.4	634.7	531.7	428.1	459.9	491.1	459.2	426.7	386.8
57.5°	3015.6	1291.0	917.1	543.2	469.4	395.6	413.9	431.5	418.6	405.7	365.1
60°	2980.4	1152.2	806.7	460.6	414.5	368.5	365.1	361.0	380.0	399.0	352.2
62.5°	2808.3	1008.6	709.2	409.8	375.3	340.0	332.6	324.5	355.6	386.1	336.6
65°	2517.7	908.3	647.6	386.8	348.2	309.6	301.4	293.3	302.8	312.3	289.2
67.5°	2148.6	846.7	612.3	378.0	331.2	283.8	274.3	264.8	262.8	260.8	252.7
70°	1767.9	808.8	589.3	369.8	312.9	255.4	246.6	237.8	235.0	231.7	225.6
72.5°	1478.0	804.0	586.6	369.2	298.0	226.9	218.8	210.7	207.3	203.2	198.5
75°	1210.4	754.6	556.8	359.0	277.7	195.8	188.3	180.9	178.1	174.8	170.7
77.5°	898.2	624.5	468.1	311.6	237.8	163.9	156.5	148.3	147.7	146.3	142.9
80°	582.5	451.8	334.6	217.4	173.4	128.7	122.6	115.8	116.5	117.2	114.5
82.5°	323.8	263.5	204.6	145.6	118.5	91.4	88.7	85.3	87.4	88.7	85.3
85°	170.7	132.8	109.7	86.7	68.4	50.1	50.1	49.4	52.2	54.9	52.2
87.5°	73.8	46.7	40.0	32.5	18.3	3.4	4.1	4.1	5.4	6.8	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



REPORT NUMBER: P320238
 CATALOG NUMBER: GAN-SA4B-727-U-SLL

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: P320238

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

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°	4666.3	4616.9	4566.7	4511.9	4522.0	4480.0	4438.0	4411.6	4385.2	4377.1	4369.0
5°	3770.8	3714.6	3657.7	3606.9	3651.0	3621.2	3591.3	3587.3	3582.5	3582.5	3581.9
7.5°	2790.0	2729.7	2668.8	2626.8	2670.1	2664.7	2659.3	2688.4	2717.6	2741.3	2764.3
10°	2267.1	2194.0	2120.1	2057.8	2047.0	2015.8	1984.0	1990.8	1996.8	2022.6	2048.3
12.5°	1970.4	1883.1	1795.7	1722.5	1689.3	1637.8	1585.7	1553.2	1520.7	1524.1	1526.8
15°	1632.4	1547.8	1462.4	1399.4	1378.4	1338.5	1298.5	1257.9	1216.5	1199.6	1182.0
17.5°	1248.4	1180.6	1112.2	1070.2	1070.2	1058.7	1047.2	1026.9	1005.9	988.9	971.3
20°	915.1	879.2	842.6	825.0	830.4	831.1	831.1	841.3	851.4	846.0	840.6
22.5°	757.3	744.4	731.5	724.1	726.8	727.5	728.2	737.6	746.4	753.2	759.3
25°	683.5	675.3	667.2	664.5	670.6	671.3	671.3	677.4	683.5	690.2	697.0
27.5°	625.9	622.5	619.1	614.4	620.5	620.5	619.8	626.6	632.7	638.7	644.2
30°	571.0	572.4	573.0	571.7	575.8	578.5	580.5	585.2	589.3	594.0	598.8
32.5°	532.4	530.4	528.3	527.0	535.8	540.5	545.3	550.0	554.1	556.1	558.1
35°	495.1	490.4	485.7	482.3	490.4	496.5	502.6	511.4	519.5	520.9	522.2
37.5°	470.1	464.0	457.9	453.8	457.2	459.9	462.6	472.1	481.6	487.0	491.8
40°	446.4	440.3	434.2	430.8	432.8	433.5	434.2	438.9	443.0	453.2	462.6
42.5°	427.4	420.0	412.5	408.4	409.8	411.2	411.8	411.2	410.5	420.0	429.4
45°	408.4	400.3	392.2	387.4	388.1	388.1	388.1	386.8	384.7	389.5	394.2
47.5°	393.5	384.1	374.6	369.8	368.5	367.1	365.8	365.1	363.7	367.1	369.8
50°	378.6	368.5	357.6	352.2	348.8	347.5	346.1	345.5	344.1	347.5	350.2
52.5°	367.1	354.9	342.7	333.9	330.6	328.5	326.5	327.2	327.2	328.5	329.2
55°	346.8	336.0	324.5	318.4	312.3	310.9	309.6	311.6	312.9	312.9	312.9
57.5°	324.5	314.3	303.5	299.4	294.0	294.0	293.3	296.0	298.0	299.4	300.7
60°	304.8	293.3	281.8	278.4	276.4	275.7	275.0	278.4	281.1	283.8	286.5
62.5°	286.5	274.3	262.1	258.1	257.4	258.1	258.1	261.5	264.2	266.9	269.6
65°	266.2	254.0	241.1	237.1	238.4	240.5	242.5	245.2	247.2	249.9	252.7
67.5°	243.8	233.7	222.9	218.8	219.5	222.2	224.9	226.9	228.3	231.0	233.7
70°	219.5	210.7	201.9	199.1	198.5	201.9	204.6	205.9	207.3	210.7	213.4
72.5°	193.0	185.6	178.1	176.1	176.8	178.8	180.9	182.9	184.2	187.6	190.3
75°	166.0	159.2	152.4	151.1	152.4	154.4	156.5	157.8	159.2	163.2	166.6
77.5°	139.5	132.1	124.0	123.3	125.3	127.3	128.7	130.7	132.8	138.2	143.6
80°	111.8	103.6	94.8	94.2	96.2	98.2	100.2	102.3	104.3	111.1	117.2
82.5°	82.0	72.5	63.0	61.6	68.4	70.4	72.5	75.9	78.6	84.7	90.8
85°	49.4	40.0	30.5	29.8	35.9	39.3	42.7	46.7	50.1	55.5	61.0
87.5°	5.4	2.7	0.0	0.0	0.7	3.4	6.1	9.5	12.9	18.3	23.0
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: P320238

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

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: P320238

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

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°	4339.1	4308.7	4339.8	4370.3	4383.2	4396.0	4362.9	4329.0	4381.8	4434.0	4447.5
5°	3554.8	3527.0	3548.0	3568.3	3522.9	3477.6	3472.8	3467.4	3506.7	3546.0	3552.1
7.5°	2755.5	2746.7	2766.3	2786.0	2728.4	2670.1	2641.7	2613.2	2622.7	2632.2	2630.9
10°	2054.4	2059.8	2084.2	2107.9	2063.2	2018.5	1998.9	1979.2	2000.9	2021.9	2041.6
12.5°	1539.0	1550.5	1576.2	1601.3	1583.0	1564.0	1566.0	1568.1	1593.1	1617.5	1639.2
15°	1195.5	1209.1	1227.4	1245.0	1245.7	1245.7	1263.3	1280.2	1278.2	1276.1	1291.0
17.5°	989.6	1007.2	1009.3	1011.3	1012.0	1012.6	1011.3	1009.9	999.8	989.6	1001.1
20°	847.4	853.5	858.9	863.6	857.5	850.8	833.8	816.9	810.1	803.3	814.2
22.5°	770.8	781.7	776.3	770.2	758.0	745.1	732.2	718.7	718.0	716.6	722.7
25°	706.5	715.3	705.8	696.3	687.5	678.7	669.9	661.1	660.4	659.7	662.5
27.5°	653.0	661.1	652.3	643.5	636.0	628.6	621.8	615.0	613.7	612.3	613.0
30°	606.9	614.4	606.9	598.8	593.4	587.3	582.5	577.8	577.1	576.4	576.4
32.5°	565.6	573.0	567.6	562.2	557.5	552.7	549.3	545.9	542.6	539.2	531.7
35°	529.7	537.1	533.8	529.7	524.3	518.9	512.8	506.0	497.2	487.7	483.6
37.5°	499.2	506.7	503.3	499.9	492.4	485.0	474.1	462.6	459.9	456.5	455.9
40°	474.8	486.3	479.6	472.1	460.6	449.1	443.7	438.2	436.9	435.5	434.2
42.5°	447.7	465.3	453.2	441.0	430.1	419.3	417.9	416.6	415.9	415.2	415.2
45°	413.9	432.8	420.6	407.8	401.7	395.6	395.6	395.6	396.3	396.3	397.6
47.5°	382.0	393.5	387.4	381.4	378.0	374.6	375.3	375.9	378.0	379.3	382.7
50°	354.9	359.0	360.4	361.0	359.0	357.0	358.3	359.0	361.0	362.4	365.1
52.5°	335.3	341.4	341.4	340.7	340.7	340.7	342.1	343.4	345.5	347.5	350.2
55°	322.4	331.2	328.5	325.8	326.5	326.5	327.8	329.2	331.2	332.6	336.6
57.5°	310.2	319.7	317.0	314.3	314.3	314.3	315.0	315.6	317.7	319.0	321.7
60°	296.0	305.5	302.8	299.4	300.1	300.7	301.4	301.4	302.8	303.5	303.5
62.5°	279.1	288.6	285.8	282.5	284.5	285.8	285.8	285.8	287.2	287.9	285.8
65°	261.5	270.3	267.6	264.8	267.6	269.6	270.9	271.6	270.9	270.3	268.2
67.5°	242.5	251.3	248.6	245.2	248.6	251.3	254.0	256.0	254.0	252.0	249.3
70°	222.2	231.0	227.6	224.2	227.6	231.0	233.7	236.4	233.7	231.0	230.3
72.5°	200.5	210.7	206.6	202.5	206.6	210.7	212.0	213.4	211.3	209.3	207.9
75°	176.8	187.0	183.6	179.5	182.9	186.3	187.0	187.6	187.6	187.0	182.9
77.5°	151.7	159.9	157.8	155.8	157.8	159.9	159.9	159.9	160.5	160.5	155.1
80°	121.9	126.7	127.3	128.0	128.7	129.4	128.7	128.0	126.7	125.3	121.9
82.5°	90.8	90.8	96.2	100.9	100.9	100.2	99.6	98.2	95.5	92.1	84.7
85°	57.6	54.2	63.0	71.1	71.1	70.4	69.1	67.1	61.6	55.5	49.4
87.5°	19.6	16.3	25.1	33.9	34.5	34.5	33.2	31.8	26.4	20.3	15.6
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: P320238
 CATALOG NUMBER: GAN-SA4B-727-U-SLL

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: P320238

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

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°	4467.8	4476.7	4484.8	4551.2	4616.9	4694.1	4771.3	4830.2	4888.5	4948.8	5009.1
5°	3573.1	3583.9	3594.7	3675.3	3755.3	3863.0	3970.7	4063.5	4156.3	4265.3	4374.4
7.5°	2648.5	2672.2	2695.2	2781.2	2866.6	2982.4	3097.6	3218.8	3339.4	3481.6	3623.9
10°	2080.2	2124.9	2168.9	2257.0	2345.0	2459.5	2573.3	2699.9	2826.6	2966.8	3106.4
12.5°	1683.9	1743.5	1802.4	1908.1	2013.8	2150.6	2286.8	2427.6	2567.9	2691.1	2814.4
15°	1330.3	1395.4	1459.7	1571.5	1683.2	1833.6	1983.3	2137.1	2290.1	2437.8	2585.5
17.5°	1037.7	1091.2	1144.1	1238.9	1333.0	1478.7	1624.3	1785.5	1946.7	2126.9	2306.4
20°	837.2	859.6	881.9	950.3	1018.1	1136.6	1254.5	1419.1	1583.7	1799.1	2014.5
22.5°	733.6	745.1	755.9	789.1	821.6	898.2	974.0	1119.7	1264.6	1499.7	1734.0
25°	671.3	680.1	688.9	710.5	732.2	768.8	805.4	907.7	1009.9	1240.9	1471.2
27.5°	615.0	628.6	641.5	651.6	661.1	686.2	710.5	777.6	844.7	1060.1	1274.8
30°	574.4	579.1	583.9	599.5	614.4	640.1	665.8	712.6	759.3	941.5	1123.1
32.5°	527.0	533.8	540.5	556.8	573.0	596.8	620.5	658.4	695.6	851.4	1006.6
35°	484.3	491.1	497.9	514.1	529.7	555.4	580.5	612.3	643.5	779.0	914.4
37.5°	457.9	464.7	471.4	485.7	499.2	525.0	550.0	575.1	599.5	724.8	850.1
40°	435.5	442.3	449.1	462.6	475.5	500.6	525.0	545.9	566.9	684.1	801.3
42.5°	415.9	423.3	430.8	444.3	457.2	479.6	501.9	529.7	556.8	648.9	740.4
45°	399.6	407.1	413.9	428.8	443.7	465.3	487.0	525.6	564.2	630.6	697.0
47.5°	384.7	392.9	400.3	416.6	432.8	459.9	486.3	518.9	550.7	616.4	682.1
50°	370.5	380.0	389.5	409.1	428.1	473.5	518.2	522.9	527.0	604.9	682.1
52.5°	357.0	367.8	378.6	403.0	426.7	479.6	532.4	515.5	497.9	583.2	668.6
55°	343.4	352.9	361.7	391.5	421.3	459.9	498.5	476.2	453.2	542.6	632.0
57.5°	325.1	335.3	344.8	376.6	408.4	435.5	462.0	441.6	420.6	496.5	571.7
60°	306.2	317.7	329.2	369.8	409.8	405.1	399.6	395.6	390.8	445.0	499.2
62.5°	289.2	301.4	313.6	366.5	419.3	386.8	354.3	357.6	360.4	400.3	440.3
65°	272.3	284.5	296.0	322.4	348.8	336.0	323.1	328.5	333.3	372.5	411.8
67.5°	253.3	264.2	274.3	283.1	291.9	293.3	294.7	300.1	305.5	352.2	398.3
70°	232.3	241.1	249.9	256.0	261.5	264.2	266.2	273.0	279.7	330.6	381.4
72.5°	208.6	216.1	222.9	228.3	233.7	235.7	237.1	243.8	250.6	304.8	359.0
75°	182.9	189.0	194.4	199.1	203.9	206.6	209.3	214.0	218.8	277.7	336.0
77.5°	154.4	160.5	166.0	170.0	173.4	176.1	178.1	184.2	190.3	239.8	288.6
80°	120.6	128.0	134.8	138.2	140.9	141.6	141.6	147.0	152.4	187.6	222.2
82.5°	85.3	93.5	100.9	103.6	106.3	106.3	106.3	112.4	118.5	142.2	165.3
85°	50.1	58.9	67.1	69.8	72.5	73.8	74.5	77.2	79.3	96.2	112.4
87.5°	15.6	23.0	29.8	31.2	32.5	35.2	37.9	38.6	38.6	50.1	61.6
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: P320238
 CATALOG NUMBER: GAN-SA4B-727-U-SLL

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°	5078.1	5147.2	5227.8	5307.8	5376.2	5444.6	5501.5
5°	4513.2	4652.1	4822.1	4991.4	5142.5	5293.5	5469.0
7.5°	3803.4	3982.9	4203.0	4423.1	4636.5	4849.2	5118.8
10°	3289.2	3471.5	3704.5	3936.8	4176.6	4415.7	4720.5
12.5°	2962.8	3110.4	3336.0	3561.5	3843.3	4124.4	4417.7
15°	2747.4	2908.6	3128.0	3347.5	3655.7	3963.9	4301.2
17.5°	2517.7	2728.4	3009.5	3290.6	3655.7	4020.1	4417.7
20°	2277.3	2539.4	2903.8	3268.2	3760.0	4251.1	4758.4
22.5°	2037.5	2340.9	2808.3	3275.0	3917.8	4560.0	5244.8
25°	1821.4	2171.6	2750.1	3327.9	4147.5	4966.4	5815.8
27.5°	1657.5	2039.5	2726.4	3412.5	4438.7	5464.9	6436.9
30°	1511.9	1900.7	2697.9	3495.2	4719.1	5942.5	6922.6
32.5°	1385.9	1765.2	2643.0	3520.2	4914.9	6309.6	7333.7
35°	1287.0	1659.5	2550.9	3442.3	5037.5	6632.7	7761.8
37.5°	1201.6	1553.2	2445.9	3338.7	5146.6	6954.4	8243.4
40°	1120.3	1439.4	2355.8	3271.6	5296.9	7322.2	8752.1
42.5°	1043.1	1345.9	2283.4	3220.8	5436.5	7651.4	9197.2
45°	985.6	1274.1	2219.0	3163.3	5526.6	7889.9	9532.4
47.5°	957.1	1231.4	2184.5	3136.8	5616.6	8095.8	9810.8
50°	953.0	1224.0	2223.8	3223.5	5811.7	8399.2	10129.2
52.5°	952.4	1236.2	2336.9	3437.6	6174.1	8910.0	10474.0
55°	938.1	1243.6	2471.7	3699.0	6660.5	9621.2	11093.8
57.5°	894.8	1217.9	2610.5	4002.5	7174.6	10345.9	11792.1
60°	827.7	1155.6	2725.0	4293.8	7520.0	10745.6	12061.0
62.5°	743.7	1046.5	2762.9	4478.7	7510.5	10542.4	11790.1
65°	671.9	932.0	2638.3	4343.9	7130.5	9916.5	11254.3
67.5°	608.3	817.6	2326.7	3835.2	6447.1	9058.3	10572.9
70°	562.2	742.4	1925.0	3107.7	5591.6	8074.8	9783.7
72.5°	533.1	706.5	1569.4	2431.7	4537.6	6642.8	8368.7
75°	493.1	650.3	1231.4	1811.9	3472.8	5133.7	6321.1
77.5°	418.6	548.0	928.0	1308.0	2548.2	3787.8	4396.0
80°	323.1	423.3	638.1	852.8	1753.7	2654.6	2997.3
82.5°	230.3	295.3	386.8	478.2	1165.1	1851.2	1879.7
85°	142.2	172.0	221.5	270.9	770.8	1270.7	1058.7
87.5°	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
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)