

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: P320248

Luminaire Tested: **GAN-SA4C-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320248
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-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 2700K, 1050mA 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: 20970 lumens
Efficiency: N/A
Efficacy: 93.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G4

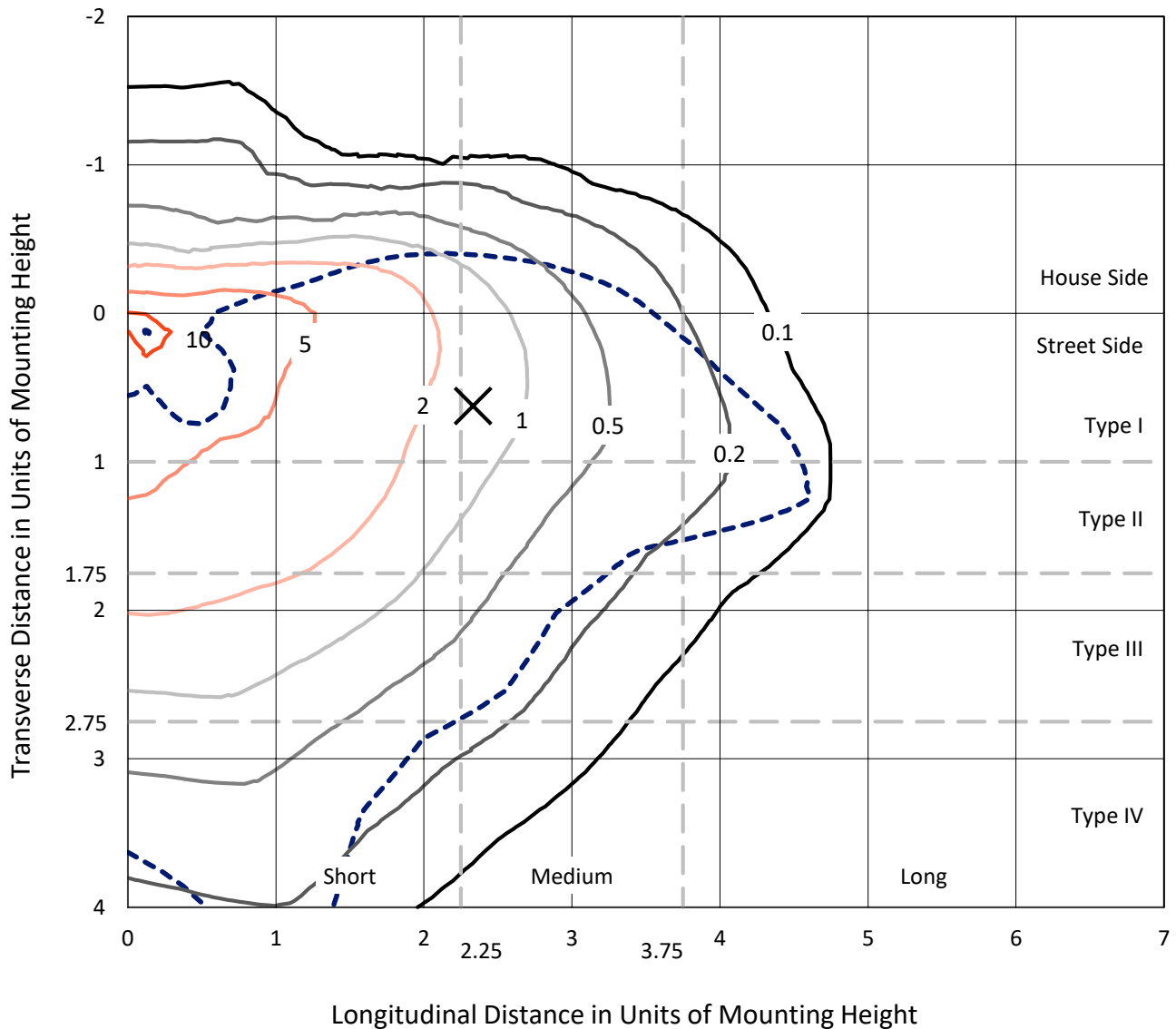
Input Watts (W): 225
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

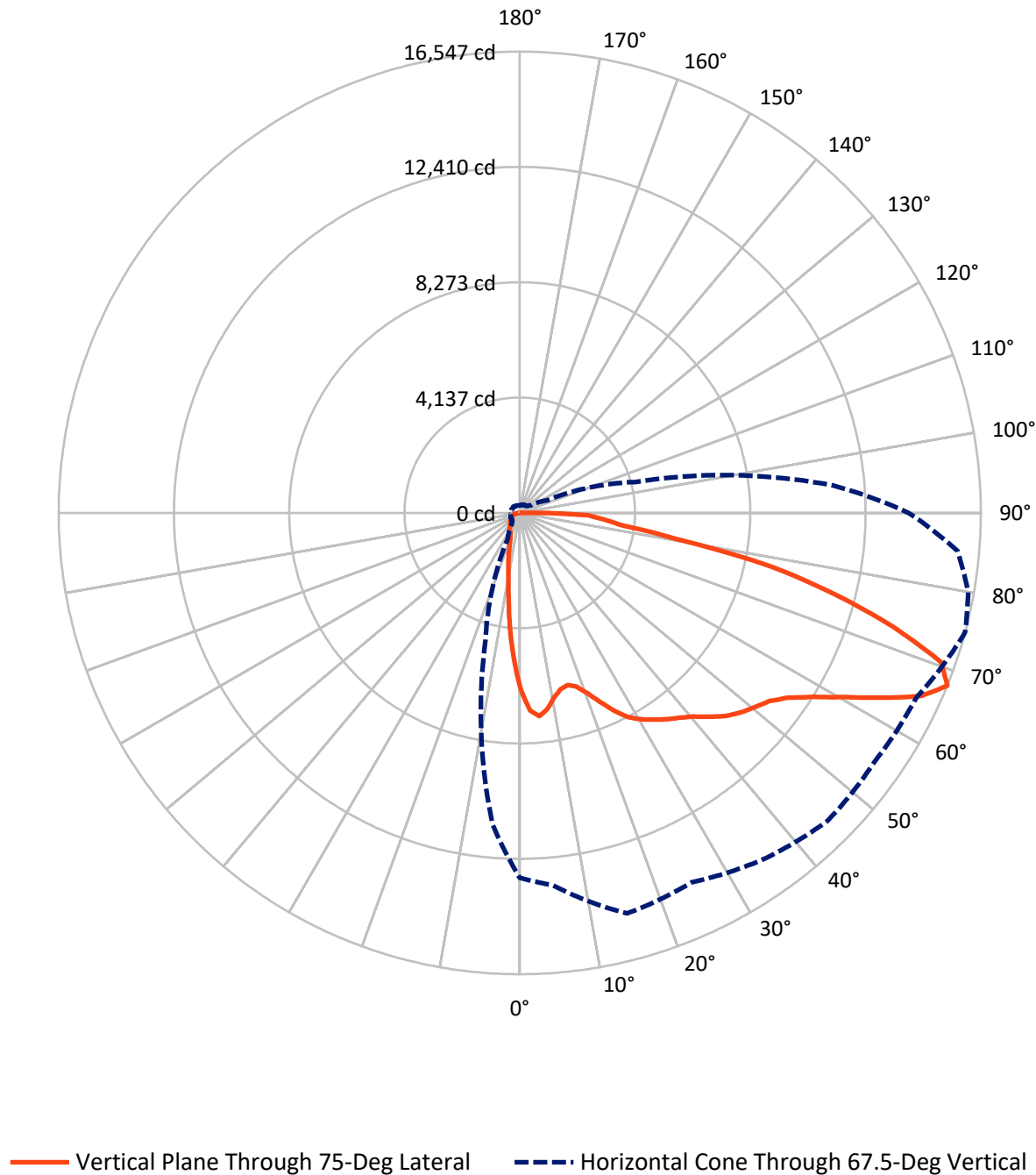
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.9 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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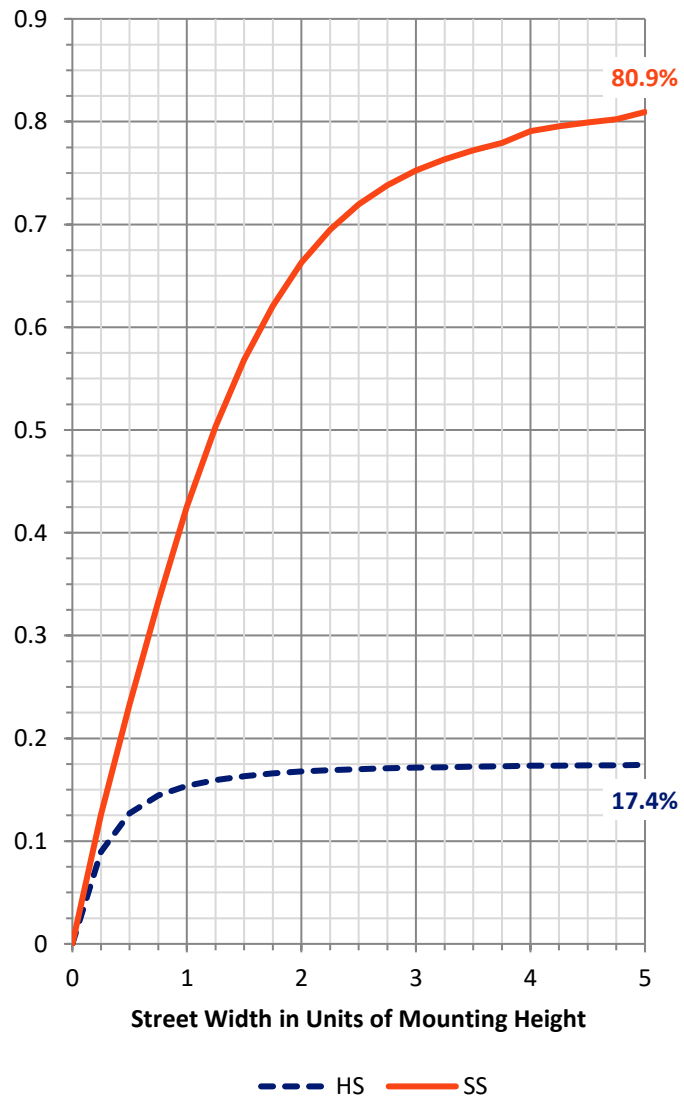
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3693.3	0.0	3693.3
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	17276.7	0.0	17276.7
	% Fixture	82.4	0.0	82.4
Total	Lumens	20970.0	0.0	20970.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	493.1	2.4
10°-20°	1024.3	4.9
20°-30°	1456.8	6.9
30°-40°	2099.2	10.0
40°-50°	2958.3	14.1
50°-60°	4112.6	19.6
60°-70°	4973.3	23.7
70°-80°	3057.0	14.6
80°-90°	795.5	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°	20970.0	100.0
0°-180°	20970.0	100.0

Coefficient of Utilization



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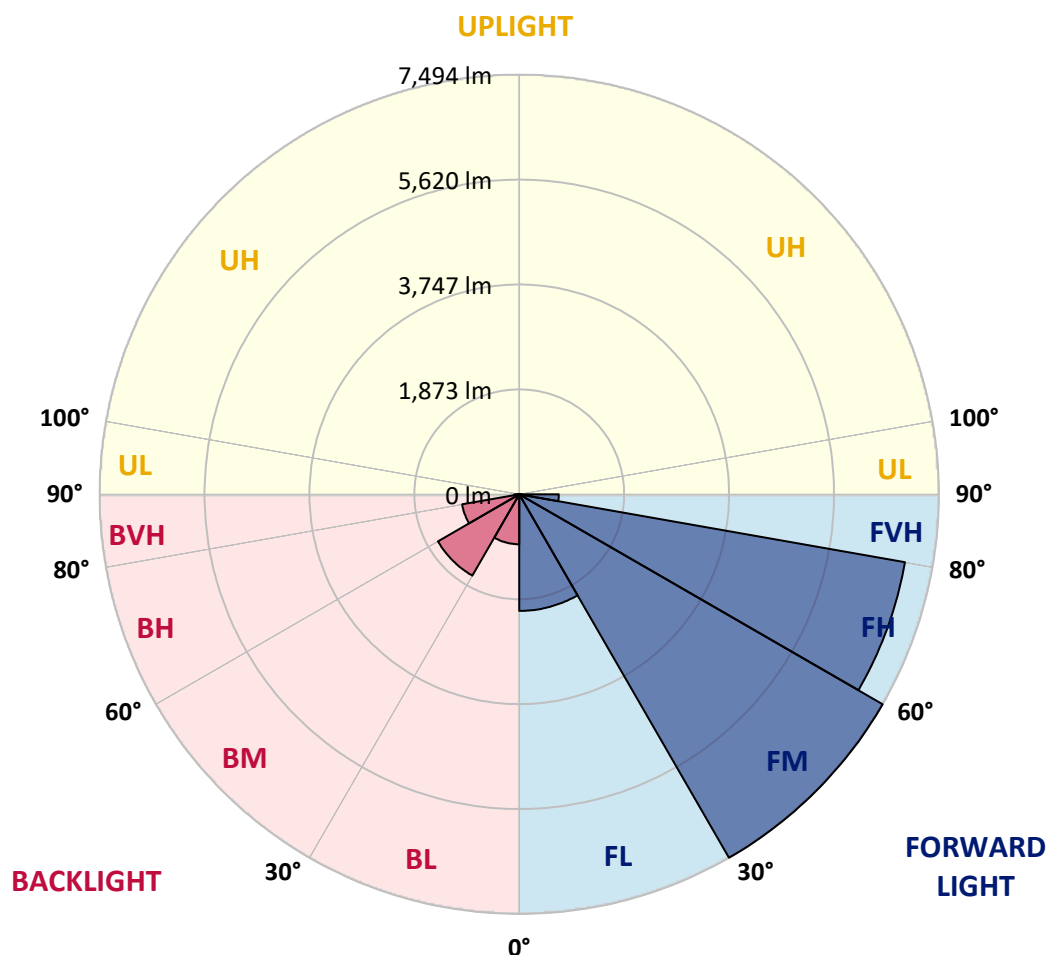
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2082.1	9.9			
FM	(30°-60°)	7493.6	35.7			
FH	(60°-80°)	6994.9	33.4			G3/7500
FVH	(80°-90°)	706.1	3.4			G4/750
BL	(0°-30°)	892.0	4.3	B2/1000		
BM	(30°-60°)	1676.5	8.0	B2/2500		
BH	(60°-80°)	1035.5	4.9	B3/2500		G3/2500
BVH	(80°-90°)	89.4	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6
2.5°	6809.5	6899.2	6961.2	7022.4	7070.2	7117.2	7185.9	7254.7	7268.1	7280.7	7253.8
5°	6769.2	6988.1	7174.2	7359.5	7531.3	7703.2	7806.3	7909.5	7930.4	7951.4	7886.8
7.5°	6335.8	6658.6	6981.4	7304.1	7600.1	7896.1	8076.3	8255.7	8296.8	8337.1	8231.4
10°	5842.8	6218.4	6615.0	7011.5	7401.4	7791.3	8052.0	8312.7	8364.7	8416.7	8285.1
12.5°	5468.0	5878.0	6301.4	6724.8	7136.5	7547.3	7817.2	8087.2	8151.8	8216.3	8120.7
15°	5323.8	5773.2	6171.5	6569.7	6928.5	7286.5	7507.9	7728.4	7755.2	7781.2	7766.1
17.5°	5468.0	5963.5	6324.1	6683.7	6879.1	7073.6	7162.5	7250.5	7279.8	7308.3	7346.9
20°	5889.8	6424.7	6678.7	6931.9	6923.5	6914.3	6871.5	6827.9	6820.4	6812.8	6921.8
22.5°	6491.7	7113.0	7214.4	7315.0	7079.5	6843.9	6700.5	6556.3	6527.8	6498.4	6614.1
25°	7198.5	7860.0	7841.6	7822.3	7373.7	6924.3	6651.0	6377.7	6345.9	6314.0	6412.9
27.5°	7967.3	8599.5	8478.7	8358.0	7748.5	7139.0	6742.4	6345.9	6314.0	6282.1	6369.3
30°	8568.4	9141.9	8948.2	8754.6	8064.6	7374.6	6903.4	6432.2	6380.2	6327.4	6434.7
32.5°	9077.4	9565.3	9305.4	9045.5	8321.1	7596.7	7087.0	6577.2	6495.9	6414.6	6558.0
35°	9607.2	9987.9	9622.3	9255.9	8550.0	7843.2	7304.1	6764.2	6664.4	6564.7	6761.7
37.5°	10203.3	10519.4	9994.6	9468.9	8807.4	8145.9	7629.4	7112.1	7009.9	6907.6	7159.1
40°	10833.0	11096.2	10396.2	9696.1	9089.1	8482.1	8079.7	7676.4	7579.1	7481.0	7786.2
42.5°	11383.8	11575.8	10770.1	9964.4	9428.6	8892.1	8608.7	8324.5	8323.6	8322.0	8631.3
45°	11798.8	11965.6	11082.0	10197.5	9759.8	9321.3	9173.8	9026.2	9144.4	9262.6	9542.7
47.5°	12143.4	12256.6	11343.6	10429.7	10138.8	9847.8	9869.6	9891.4	10132.1	10372.7	10552.9
50°	12537.4	12446.0	11580.8	10714.8	10625.0	10535.3	10731.5	10926.9	11203.5	11479.4	11601.8
52.5°	12964.2	12721.9	11902.8	11082.8	11183.4	11284.0	11683.1	12082.2	12361.4	12640.6	12686.7
55°	13731.3	13359.9	12494.7	11628.6	11822.3	12015.1	12601.2	13186.4	13404.3	13622.3	13639.1
57.5°	14595.7	14266.2	13323.9	12381.5	12589.4	12797.3	13473.9	14149.7	14385.3	14620.0	14587.3
60°	14928.6	14944.5	14111.1	13276.9	13486.5	13696.1	14355.1	15014.1	15284.9	15554.8	15482.7
62.5°	14593.2	14986.4	14541.2	14095.2	14285.5	14475.0	15120.5	15766.1	16043.6	16321.1	16195.4
65°	13930.0	14319.9	14519.4	14719.0	14781.8	14844.7	15447.5	16049.5	16262.4	16474.6	16410.8
67.5°	13086.6	13401.8	14137.9	14873.2	14746.6	14620.0	14902.6	15185.1	15403.9	15622.7	15586.7
70°	12109.9	12485.5	13467.2	14449.0	13826.9	13204.0	13087.4	12970.9	13207.3	13442.9	13297.0
72.5°	10358.4	10925.2	11972.4	13018.7	11872.6	10726.5	10328.3	9930.0	10229.3	10528.6	10296.4
75°	7823.9	8576.0	9733.0	10889.1	9521.7	8154.3	7622.7	7091.2	7348.6	7606.0	7446.7
77.5°	5441.2	6384.4	7523.8	8663.2	7273.1	5882.2	5487.3	5091.6	5168.7	5245.0	5218.2
80°	3709.9	4330.3	5125.1	5919.1	4993.5	4067.9	4098.9	4129.1	4093.1	4056.2	4109.8
82.5°	2326.6	2763.4	3377.1	3989.9	3498.6	3007.3	3289.0	3570.7	3432.4	3293.2	3345.2
85°	1310.4	1577.0	2177.3	2776.8	2588.1	2398.7	2563.8	2728.2	2513.5	2298.9	2393.6
87.5°	249.8	415.8	1204.8	1992.9	1809.3	1625.7	1412.7	1199.8	915.5	631.3	922.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6
2.5°	7227.0	7212.8	7198.5	7147.4	7095.4	7018.2	6954.5	6843.9	6783.5	6692.1	6600.7
5°	7821.4	7730.9	7640.3	7484.4	7327.6	7153.2	6952.9	6730.7	6563.0	6345.0	6127.0
7.5°	8125.8	7914.5	7702.4	7403.1	7102.9	6833.0	6516.0	6220.9	5969.4	5686.0	5402.7
10°	8153.4	7836.5	7518.8	7129.8	6739.9	6412.1	6047.4	5719.6	5417.7	5092.4	4766.3
12.5°	8024.3	7687.3	7349.4	6921.0	6491.7	6119.5	5727.1	5359.9	5025.4	4667.4	4308.5
15°	7751.0	7481.9	7211.9	6810.3	6408.7	6033.1	5652.5	5217.4	4839.2	4472.9	4105.6
17.5°	7384.6	7257.2	7128.9	6838.8	6547.9	6222.6	5853.7	5343.1	4900.4	4502.2	4104.0
20°	7030.0	7076.9	7123.0	7007.3	6891.6	6630.9	6309.0	5735.5	5170.4	4649.8	4128.3
22.5°	6729.0	6954.5	7179.2	7268.9	7357.8	7201.0	6949.5	6286.3	5538.5	4858.5	4178.6
25°	6511.0	6884.9	7258.9	7557.3	7855.0	7785.4	7591.7	6955.4	6026.4	5159.5	4291.8
27.5°	6456.5	6915.1	7373.7	7836.5	8298.5	8363.0	8309.4	7660.5	6608.3	5533.4	4457.8
30°	6542.0	7006.5	7470.1	8033.5	8596.1	8853.5	8925.6	8248.2	7273.1	5969.4	4664.9
32.5°	6701.3	7156.6	7611.8	8225.5	8838.4	9227.4	9457.2	8785.6	7736.8	6298.1	4858.5
35°	6958.7	7384.6	7810.5	8449.4	9088.3	9591.3	10010.5	9340.6	8148.4	6527.8	4906.3
37.5°	7409.8	7776.2	8142.5	8732.8	9322.2	9974.4	10604.1	9951.8	8593.6	6749.1	4903.8
40°	8091.4	8350.5	8608.7	9107.5	9605.5	10426.3	11276.5	10633.4	9085.7	6988.9	4892.1
42.5°	8940.7	9074.0	9206.5	9601.4	9996.2	10898.4	11886.8	11300.0	9555.2	7211.9	4868.6
45°	9821.9	9857.1	9892.3	10141.3	10389.5	11272.3	12302.7	11800.5	9965.2	7405.6	4845.1
47.5°	10732.4	10611.6	10490.9	10589.8	10688.8	11559.0	12599.5	12180.3	10376.9	7620.2	4862.7
50°	11724.2	11388.0	11051.8	10999.8	10947.8	11845.8	12949.1	12663.2	10871.5	7932.9	4994.3
52.5°	12731.9	12177.8	11623.6	11418.2	11211.9	12187.8	13412.7	13264.3	11577.5	8417.5	5256.8
55°	13655.9	12950.8	12245.7	11969.0	11692.3	12711.0	13978.6	14147.2	12482.1	9037.1	5591.3
57.5°	14553.8	13754.8	12955.8	12699.2	12442.7	13479.8	14695.5	14939.5	13396.0	9631.5	5866.3
60°	15410.6	14620.0	13828.6	13623.2	13416.9	14435.6	15470.2	15292.4	13867.1	9909.9	5951.8
62.5°	16069.6	15440.8	14812.0	14703.9	14594.9	15402.2	16065.4	15154.9	13567.8	9635.7	5703.6
65°	16347.1	15989.1	15630.3	15731.7	15832.3	16133.3	16213.8	14752.5	12627.1	8867.8	5108.4
67.5°	15549.8	15622.7	15695.7	16121.6	16546.7	16339.6	15772.8	13959.4	11288.2	7779.5	4270.8
70°	13150.3	13588.0	14024.8	15032.5	16039.4	15580.0	14591.5	12535.8	9676.8	6526.1	3374.6
72.5°	10063.3	10555.5	11046.8	12542.5	14037.3	13613.9	12403.3	10296.4	7758.6	5211.5	2663.6
75°	7286.5	7842.4	8397.4	10047.4	11697.4	11109.6	9277.7	7372.1	5893.1	3978.2	2062.5
77.5°	5190.5	5562.8	5935.0	7564.9	9193.9	8236.4	6175.7	4960.8	4078.8	2765.0	1450.4
80°	4163.5	4049.5	3935.5	4843.4	5751.4	5592.1	4084.7	3185.9	2822.9	1852.9	882.8
82.5°	3396.4	3118.0	2839.7	3267.2	3694.8	3671.4	2834.6	2337.5	2101.0	1287.8	474.5
85°	2487.5	2376.0	2264.5	2642.6	3020.8	2698.0	1919.9	1485.6	1638.2	948.2	258.2
87.5°	1213.2	1385.9	1557.7	2003.8	2449.0	1838.6	582.7	288.4	399.1	262.4	124.9
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: P320248
 CATALOG NUMBER: GAN-SA4C-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: P320248

CATALOG NUMBER: GAN-SA4C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6
2.5°	6532.8	6464.1	6386.1	6308.1	6219.3	6129.5	6076.7	6023.1	5965.2	5907.4	5842.0
5°	5982.8	5838.6	5675.1	5511.6	5349.8	5188.0	5100.8	5013.6	4921.4	4828.3	4747.9
7.5°	5193.1	4982.6	4756.2	4529.0	4327.8	4125.8	4000.8	3875.1	3761.1	3646.2	3549.8
10°	4498.0	4229.7	4002.5	3774.5	3622.7	3471.0	3356.1	3241.3	3130.6	3019.1	2912.6
12.5°	4040.3	3772.0	3627.8	3483.6	3357.8	3232.0	3099.6	2966.3	2814.5	2661.9	2550.4
15°	3861.7	3617.7	3457.6	3296.6	3128.1	2958.7	2796.1	2633.4	2454.0	2274.6	2148.0
17.5°	3784.5	3465.1	3241.3	3016.6	2794.4	2572.2	2383.6	2194.9	1998.7	1802.6	1674.3
20°	3703.2	3278.1	2978.0	2677.0	2392.0	2106.9	1893.1	1679.3	1504.1	1328.9	1230.8
22.5°	3629.4	3079.4	2703.0	2325.7	1988.7	1651.6	1442.0	1231.6	1124.3	1017.0	977.6
25°	3599.3	2905.9	2443.1	1980.3	1624.8	1268.5	1119.3	970.0	928.9	887.0	866.9
27.5°	3604.3	2750.8	2224.3	1696.9	1376.7	1056.4	954.1	851.8	826.7	800.7	788.1
30°	3623.6	2582.3	2018.0	1453.8	1189.7	925.6	859.4	792.3	765.5	738.6	722.7
32.5°	3645.4	2431.4	1858.7	1285.3	1069.8	853.5	799.0	743.7	717.7	691.7	675.8
35°	3607.6	2308.1	1749.7	1191.4	992.7	793.1	747.0	700.1	671.6	643.1	628.0
37.5°	3543.9	2184.0	1665.1	1145.3	942.4	738.6	705.1	670.7	641.4	611.2	596.9
40°	3486.1	2079.2	1602.2	1124.3	914.7	704.3	675.8	647.2	617.1	586.0	569.3
42.5°	3439.1	2008.8	1540.1	1071.5	889.5	706.8	666.5	625.4	596.1	566.8	548.3
45°	3403.9	1962.7	1491.5	1020.3	866.1	711.8	660.7	609.5	580.2	550.0	528.2
47.5°	3400.6	1938.4	1457.1	975.9	821.6	666.5	645.6	624.6	581.8	538.3	513.1
50°	3446.7	1899.0	1416.9	934.0	778.9	623.8	652.3	679.9	607.0	533.2	501.4
52.5°	3543.1	1829.4	1353.2	877.0	726.9	576.0	620.4	664.0	601.1	537.4	496.3
55°	3659.6	1727.1	1256.8	785.6	658.1	529.9	569.3	607.8	568.4	528.2	478.7
57.5°	3732.6	1598.0	1135.2	672.4	581.0	489.6	512.3	534.1	518.1	502.2	451.9
60°	3689.0	1426.1	998.5	570.1	513.1	456.1	451.9	446.9	470.3	493.8	436.0
62.5°	3476.0	1248.4	877.8	507.2	464.5	420.9	411.7	401.6	440.2	477.9	416.7
65°	3116.3	1124.3	801.5	478.7	430.9	383.1	373.1	363.0	374.8	386.5	358.0
67.5°	2659.4	1048.0	757.9	467.8	410.0	351.3	339.6	327.8	325.3	322.8	312.7
70°	2188.2	1001.0	729.4	457.8	387.3	316.1	305.2	294.3	290.9	286.7	279.2
72.5°	1829.4	995.2	726.1	456.9	368.9	280.9	270.8	260.7	256.6	251.5	245.7
75°	1498.2	934.0	689.2	444.4	343.7	242.3	233.1	223.9	220.5	216.3	211.3
77.5°	1111.7	773.0	579.3	385.7	294.3	202.9	193.7	183.6	182.8	181.1	176.9
80°	721.0	559.2	414.2	269.1	214.6	159.3	151.8	143.4	144.2	145.0	141.7
82.5°	400.8	326.1	253.2	180.3	146.7	113.2	109.8	105.6	108.2	109.8	105.6
85°	211.3	164.3	135.8	107.3	84.7	62.0	62.0	61.2	64.6	67.9	64.6
87.5°	91.4	57.8	49.5	40.2	22.6	4.2	5.0	5.0	6.7	8.4	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320248
 CATALOG NUMBER: GAN-SA4C-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: P320248

CATALOG NUMBER: GAN-SA4C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6
2.5°	5775.7	5714.5	5652.5	5584.6	5597.2	5545.2	5493.2	5460.5	5427.8	5417.7	5407.7
5°	4667.4	4597.8	4527.4	4464.5	4519.0	4482.1	4445.2	4440.2	4434.3	4434.3	4433.5
7.5°	3453.4	3378.8	3303.3	3251.3	3305.0	3298.3	3291.6	3327.6	3363.7	3393.0	3421.5
10°	2806.1	2715.6	2624.2	2547.1	2533.6	2495.1	2455.7	2464.1	2471.6	2503.5	2535.3
12.5°	2438.9	2330.8	2222.6	2132.1	2091.0	2027.3	1962.7	1922.5	1882.2	1886.4	1889.8
15°	2020.5	1915.7	1810.1	1732.1	1706.1	1656.7	1607.2	1556.9	1505.8	1484.8	1463.0
17.5°	1545.2	1461.3	1376.7	1324.7	1324.7	1310.4	1296.2	1271.0	1245.0	1224.1	1202.3
20°	1132.7	1088.2	1043.0	1021.2	1027.9	1028.7	1028.7	1041.3	1053.9	1047.2	1040.5
22.5°	937.3	921.4	905.5	896.2	899.6	900.4	901.3	913.0	923.9	932.3	939.8
25°	845.9	835.9	825.8	822.5	830.0	830.9	830.9	838.4	845.9	854.3	862.7
27.5°	774.7	770.5	766.3	760.4	768.0	768.0	767.1	775.5	783.1	790.6	797.3
30°	706.8	708.4	709.3	707.6	712.6	716.0	718.5	724.4	729.4	735.3	741.1
32.5°	659.0	656.5	654.0	652.3	663.2	669.0	674.9	680.8	685.8	688.3	690.8
35°	612.9	607.0	601.1	596.9	607.0	614.5	622.1	633.0	643.1	644.7	646.4
37.5°	581.8	574.3	566.8	561.7	565.9	569.3	572.6	584.4	596.1	602.8	608.7
40°	552.5	545.0	537.4	533.2	535.7	536.6	537.4	543.3	548.3	560.9	572.6
42.5°	529.0	519.8	510.6	505.6	507.2	508.9	509.7	508.9	508.1	519.8	531.5
45°	505.6	495.5	485.4	479.6	480.4	480.4	480.4	478.7	476.2	482.1	487.9
47.5°	487.1	475.4	463.6	457.8	456.1	454.4	452.7	451.9	450.2	454.4	457.8
50°	468.7	456.1	442.7	436.0	431.8	430.1	428.4	427.6	425.9	430.1	433.5
52.5°	454.4	439.3	424.2	413.3	409.1	406.6	404.1	404.9	404.9	406.6	407.5
55°	429.3	415.8	401.6	394.0	386.5	384.8	383.1	385.7	387.3	387.3	387.3
57.5°	401.6	389.0	375.6	370.6	363.9	363.9	363.0	366.4	368.9	370.6	372.2
60°	377.3	363.0	348.8	344.6	342.1	341.2	340.4	344.6	347.9	351.3	354.6
62.5°	354.6	339.6	324.5	319.4	318.6	319.4	319.4	323.6	327.0	330.3	333.7
65°	329.5	314.4	298.5	293.4	295.1	297.6	300.1	303.5	306.0	309.4	312.7
67.5°	301.8	289.2	275.8	270.8	271.6	275.0	278.3	280.9	282.5	285.9	289.2
70°	271.6	260.7	249.8	246.5	245.7	249.8	253.2	254.9	256.6	260.7	264.1
72.5°	238.9	229.7	220.5	218.0	218.8	221.3	223.9	226.4	228.0	232.2	235.6
75°	205.4	197.0	188.6	187.0	188.6	191.2	193.7	195.3	197.0	202.1	206.2
77.5°	172.7	163.5	153.4	152.6	155.1	157.6	159.3	161.8	164.3	171.0	177.7
80°	138.3	128.3	117.4	116.5	119.1	121.6	124.1	126.6	129.1	137.5	145.0
82.5°	101.4	89.7	78.0	76.3	84.7	87.2	89.7	93.9	97.3	104.8	112.3
85°	61.2	49.5	37.7	36.9	44.4	48.6	52.8	57.8	62.0	68.7	75.5
87.5°	6.7	3.4	0.0	0.0	0.8	4.2	7.5	11.7	15.9	22.6	28.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320248
 CATALOG NUMBER: GAN-SA4C-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: P320248

CATALOG NUMBER: GAN-SA4C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6
2.5°	5370.8	5333.1	5371.6	5409.4	5425.3	5441.2	5400.1	5358.2	5423.6	5488.2	5504.9
5°	4399.9	4365.5	4391.5	4416.7	4360.5	4304.3	4298.5	4291.8	4340.4	4389.0	4396.6
7.5°	3410.6	3399.7	3424.0	3448.3	3377.1	3305.0	3269.8	3234.5	3246.3	3258.0	3256.3
10°	2542.9	2549.6	2579.8	2609.1	2553.8	2498.4	2474.1	2449.8	2476.6	2502.6	2526.9
12.5°	1904.8	1919.1	1951.0	1982.0	1959.3	1935.9	1938.4	1940.9	1971.9	2002.1	2028.9
15°	1479.8	1496.5	1519.2	1541.0	1541.8	1541.8	1563.6	1584.6	1582.1	1579.5	1598.0
17.5°	1224.9	1246.7	1249.2	1251.7	1252.6	1253.4	1251.7	1250.1	1237.5	1224.9	1239.2
20°	1048.8	1056.4	1063.1	1069.0	1061.4	1053.0	1032.1	1011.1	1002.7	994.3	1007.8
22.5°	954.1	967.5	960.8	953.3	938.2	922.2	906.3	889.5	888.7	887.0	894.6
25°	874.5	885.4	873.6	861.9	851.0	840.1	829.2	818.3	817.4	816.6	820.0
27.5°	808.2	818.3	807.4	796.5	787.3	778.0	769.7	761.3	759.6	757.9	758.8
30°	751.2	760.4	751.2	741.1	734.4	726.9	721.0	715.2	714.3	713.5	713.5
32.5°	700.1	709.3	702.6	695.9	690.0	684.1	679.9	675.8	671.6	667.4	658.1
35°	655.6	664.9	660.7	655.6	648.9	642.2	634.7	626.3	615.4	603.6	598.6
37.5°	617.9	627.1	622.9	618.7	609.5	600.3	586.9	572.6	569.3	565.1	564.2
40°	587.7	602.0	593.6	584.4	570.1	555.9	549.2	542.4	540.8	539.1	537.4
42.5°	554.2	576.0	560.9	545.8	532.4	519.0	517.3	515.6	514.8	513.9	513.9
45°	512.3	535.7	520.6	504.7	497.2	489.6	489.6	489.6	490.5	490.5	492.1
47.5°	472.9	487.1	479.6	472.0	467.8	463.6	464.5	465.3	467.8	469.5	473.7
50°	439.3	444.4	446.0	446.9	444.4	441.8	443.5	444.4	446.9	448.5	451.9
52.5°	415.0	422.6	422.6	421.7	421.7	421.7	423.4	425.1	427.6	430.1	433.5
55°	399.1	410.0	406.6	403.3	404.1	404.1	405.8	407.5	410.0	411.7	416.7
57.5°	384.0	395.7	392.4	389.0	389.0	389.0	389.9	390.7	393.2	394.9	398.2
60°	366.4	378.1	374.8	370.6	371.4	372.2	373.1	373.1	374.8	375.6	375.6
62.5°	345.4	357.2	353.8	349.6	352.1	353.8	353.8	353.8	355.5	356.3	353.8
65°	323.6	334.5	331.2	327.8	331.2	333.7	335.4	336.2	335.4	334.5	332.0
67.5°	300.1	311.0	307.7	303.5	307.7	311.0	314.4	316.9	314.4	311.9	308.5
70°	275.0	285.9	281.7	277.5	281.7	285.9	289.2	292.6	289.2	285.9	285.1
72.5°	248.2	260.7	255.7	250.7	255.7	260.7	262.4	264.1	261.6	259.1	257.4
75°	218.8	231.4	227.2	222.2	226.4	230.6	231.4	232.2	232.2	231.4	226.4
77.5°	187.8	197.9	195.3	192.8	195.3	197.9	197.9	197.9	198.7	198.7	192.0
80°	150.9	156.8	157.6	158.5	159.3	160.1	159.3	158.5	156.8	155.1	150.9
82.5°	112.3	112.3	119.1	124.9	124.9	124.1	123.2	121.6	118.2	114.0	104.8
85°	71.3	67.1	78.0	88.0	88.0	87.2	85.5	83.0	76.3	68.7	61.2
87.5°	24.3	20.1	31.0	41.9	42.8	42.8	41.1	39.4	32.7	25.2	19.3
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: P320248
 CATALOG NUMBER: GAN-SA4C-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: P320248

CATALOG NUMBER: GAN-SA4C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6
2.5°	5530.1	5541.0	5551.0	5633.2	5714.5	5810.1	5905.7	5978.6	6050.7	6125.4	6200.0
5°	4422.6	4436.0	4449.4	4549.2	4648.1	4781.4	4914.7	5029.6	5144.4	5279.4	5414.4
7.5°	3278.1	3307.5	3336.0	3442.5	3548.1	3691.5	3834.0	3984.1	4133.3	4309.4	4485.4
10°	2574.7	2630.1	2684.6	2793.5	2902.5	3044.2	3185.1	3341.9	3498.6	3672.2	3844.9
12.5°	2084.3	2158.0	2231.0	2361.8	2492.6	2661.9	2830.4	3004.8	3178.4	3331.0	3483.6
15°	1646.6	1727.1	1806.8	1945.1	2083.4	2269.5	2454.8	2645.2	2834.6	3017.4	3200.2
17.5°	1284.4	1350.7	1416.1	1533.4	1650.0	1830.2	2010.5	2210.0	2409.6	2632.6	2854.8
20°	1036.3	1063.9	1091.6	1176.3	1260.1	1406.8	1552.7	1756.4	1960.2	2226.8	2493.4
22.5°	908.0	922.2	935.7	976.7	1017.0	1111.7	1205.6	1385.9	1565.3	1856.2	2146.3
25°	830.9	841.8	852.7	879.5	906.3	951.6	996.9	1123.5	1250.1	1535.9	1821.0
27.5°	761.3	778.0	794.0	806.5	818.3	849.3	879.5	962.5	1045.5	1312.1	1577.9
30°	711.0	716.8	722.7	742.0	760.4	792.3	824.1	882.0	939.8	1165.4	1390.1
32.5°	652.3	660.7	669.0	689.2	709.3	738.6	768.0	814.9	861.0	1053.9	1245.9
35°	599.5	607.8	616.2	636.3	655.6	687.5	718.5	757.9	796.5	964.2	1131.8
37.5°	566.8	575.1	583.5	601.1	617.9	649.8	680.8	711.8	742.0	897.1	1052.2
40°	539.1	547.5	555.9	572.6	588.6	619.6	649.8	675.8	701.7	846.8	991.8
42.5°	514.8	524.0	533.2	550.0	565.9	593.6	621.3	655.6	689.2	803.2	916.4
45°	494.7	503.9	512.3	530.7	549.2	576.0	602.8	650.6	698.4	780.6	862.7
47.5°	476.2	486.3	495.5	515.6	535.7	569.3	602.0	642.2	681.6	762.9	844.3
50°	458.6	470.3	482.1	506.4	529.9	586.0	641.4	647.2	652.3	748.7	844.3
52.5°	441.8	455.3	468.7	498.8	528.2	593.6	659.0	638.0	616.2	721.9	827.5
55°	425.1	436.8	447.7	484.6	521.5	569.3	617.1	589.4	560.9	671.6	782.2
57.5°	402.4	415.0	426.7	466.2	505.6	539.1	571.8	546.6	520.6	614.5	707.6
60°	379.0	393.2	407.5	457.8	507.2	501.4	494.7	489.6	483.8	550.8	617.9
62.5°	358.0	373.1	388.2	453.6	519.0	478.7	438.5	442.7	446.0	495.5	545.0
65°	337.0	352.1	366.4	399.1	431.8	415.8	399.9	406.6	412.5	461.1	509.7
67.5°	313.6	327.0	339.6	350.5	361.4	363.0	364.7	371.4	378.1	436.0	493.0
70°	287.6	298.5	309.4	316.9	323.6	327.0	329.5	337.9	346.3	409.1	472.0
72.5°	258.2	267.4	275.8	282.5	289.2	291.8	293.4	301.8	310.2	377.3	444.4
75°	226.4	233.9	240.6	246.5	252.4	255.7	259.1	264.9	270.8	343.7	415.8
77.5°	191.2	198.7	205.4	210.4	214.6	218.0	220.5	228.0	235.6	296.8	357.2
80°	149.2	158.5	166.8	171.0	174.4	175.2	175.2	181.9	188.6	232.2	275.0
82.5°	105.6	115.7	124.9	128.3	131.6	131.6	131.6	139.2	146.7	176.1	204.6
85°	62.0	72.9	83.0	86.4	89.7	91.4	92.2	95.6	98.1	119.1	139.2
87.5°	19.3	28.5	36.9	38.6	40.2	43.6	47.0	47.8	47.8	62.0	76.3
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: P320248
 CATALOG NUMBER: GAN-SA4C-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°	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6	6388.6
2.5°	6285.5	6371.0	6470.8	6569.7	6654.4	6739.1	6809.5
5°	5586.3	5758.1	5968.6	6178.2	6365.1	6552.1	6769.2
7.5°	4707.6	4929.8	5202.3	5474.8	5738.8	6002.1	6335.8
10°	4071.3	4296.8	4585.2	4872.8	5169.6	5465.5	5842.8
12.5°	3667.2	3849.9	4129.1	4408.3	4757.1	5105.0	5468.0
15°	3400.6	3600.1	3871.7	4143.4	4524.8	4906.3	5323.8
17.5°	3116.3	3377.1	3725.0	4072.9	4524.8	4975.9	5468.0
20°	2818.7	3143.2	3594.2	4045.3	4654.0	5261.8	5889.8
22.5°	2521.9	2897.5	3476.0	4053.7	4849.3	5644.1	6491.7
25°	2254.5	2687.9	3403.9	4119.1	5133.5	6147.1	7198.5
27.5°	2051.6	2524.4	3374.6	4223.9	5494.0	6764.2	7967.3
30°	1871.3	2352.6	3339.3	4326.1	5841.1	7355.3	8568.4
32.5°	1715.4	2184.9	3271.4	4357.2	6083.4	7809.7	9077.4
35°	1593.0	2054.1	3157.4	4260.7	6235.2	8209.6	9607.2
37.5°	1487.3	1922.5	3027.5	4132.5	6370.2	8607.9	10203.3
40°	1386.7	1781.6	2916.0	4049.5	6556.3	9063.1	10833.0
42.5°	1291.1	1665.9	2826.2	3986.6	6729.0	9470.6	11383.8
45°	1219.9	1577.0	2746.6	3915.3	6840.5	9765.7	11798.8
47.5°	1184.7	1524.2	2703.8	3882.6	6952.0	10020.6	12143.4
50°	1179.6	1515.0	2752.5	3989.9	7193.5	10396.2	12537.4
52.5°	1178.8	1530.1	2892.5	4254.9	7642.0	11028.3	12964.2
55°	1161.2	1539.3	3059.3	4578.5	8244.0	11908.6	13731.3
57.5°	1107.5	1507.4	3231.2	4954.1	8880.3	12805.7	14595.7
60°	1024.5	1430.3	3372.9	5314.6	9307.9	13300.4	14928.6
62.5°	920.6	1295.3	3419.8	5543.5	9296.2	13048.9	14593.2
65°	831.7	1153.6	3265.6	5376.7	8825.8	12274.2	13930.0
67.5°	752.9	1011.9	2879.9	4747.0	7979.9	11211.9	13086.6
70°	695.9	918.9	2382.7	3846.6	6921.0	9994.6	12109.9
72.5°	659.8	874.5	1942.6	3009.9	5616.4	8222.2	10358.4
75°	610.4	804.9	1524.2	2242.7	4298.5	6354.2	7823.9
77.5°	518.1	678.3	1148.6	1619.0	3154.1	4688.3	5441.2
80°	399.9	524.0	789.8	1055.5	2170.6	3285.7	3709.9
82.5°	285.1	365.5	478.7	591.9	1442.0	2291.3	2326.6
85°	176.1	213.0	274.2	335.4	954.1	1572.8	1310.4
87.5°	94.7	113.2	145.0	176.1	305.2	434.3	249.8
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)