

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: P320231

Luminaire Tested: **GAN-SA7A-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320231
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-SA7A-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 2700K, 615mA 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: 24224 lumens
Efficiency: N/A
Efficacy: 107.2 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

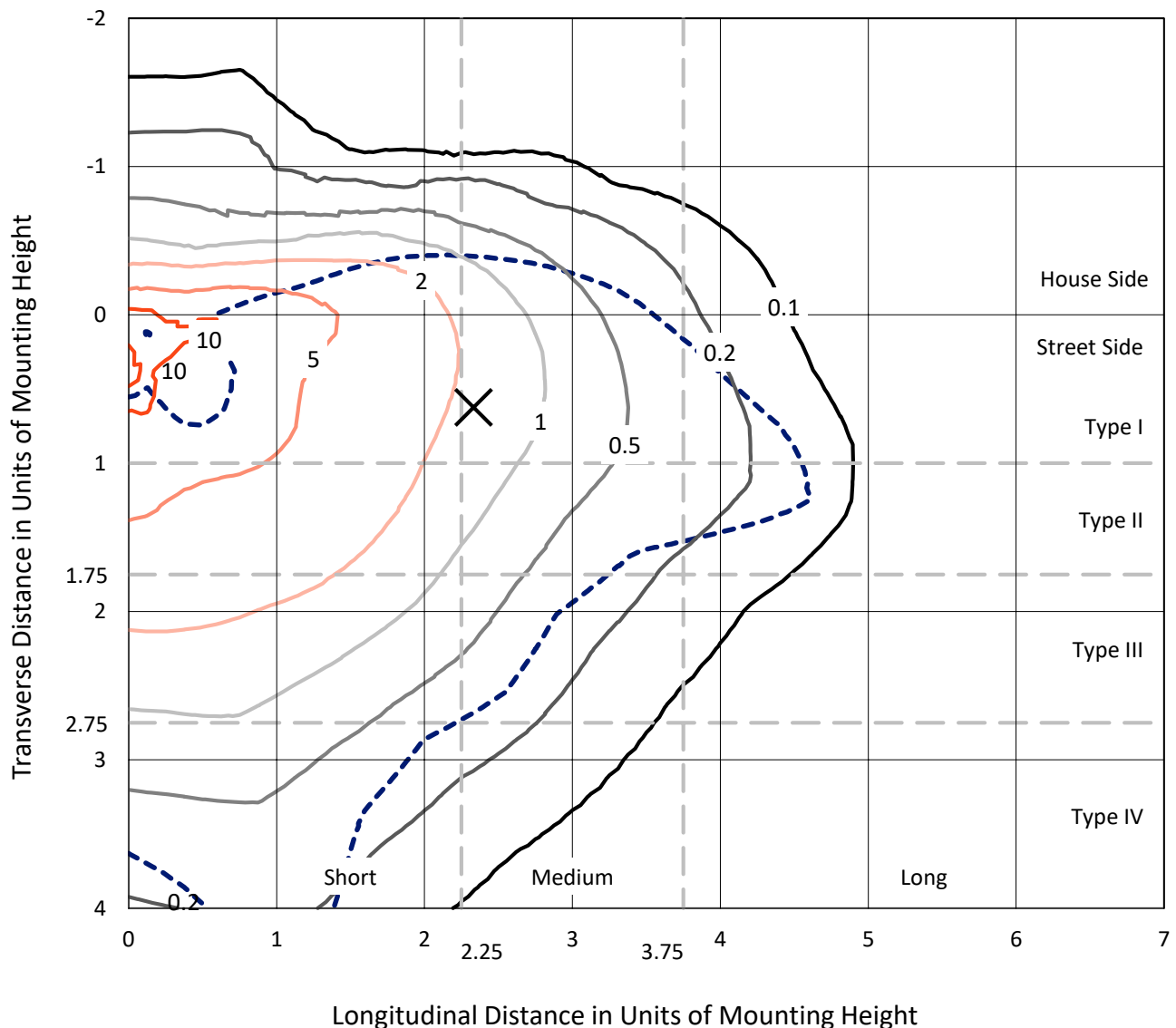
Input Watts (W): 226
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

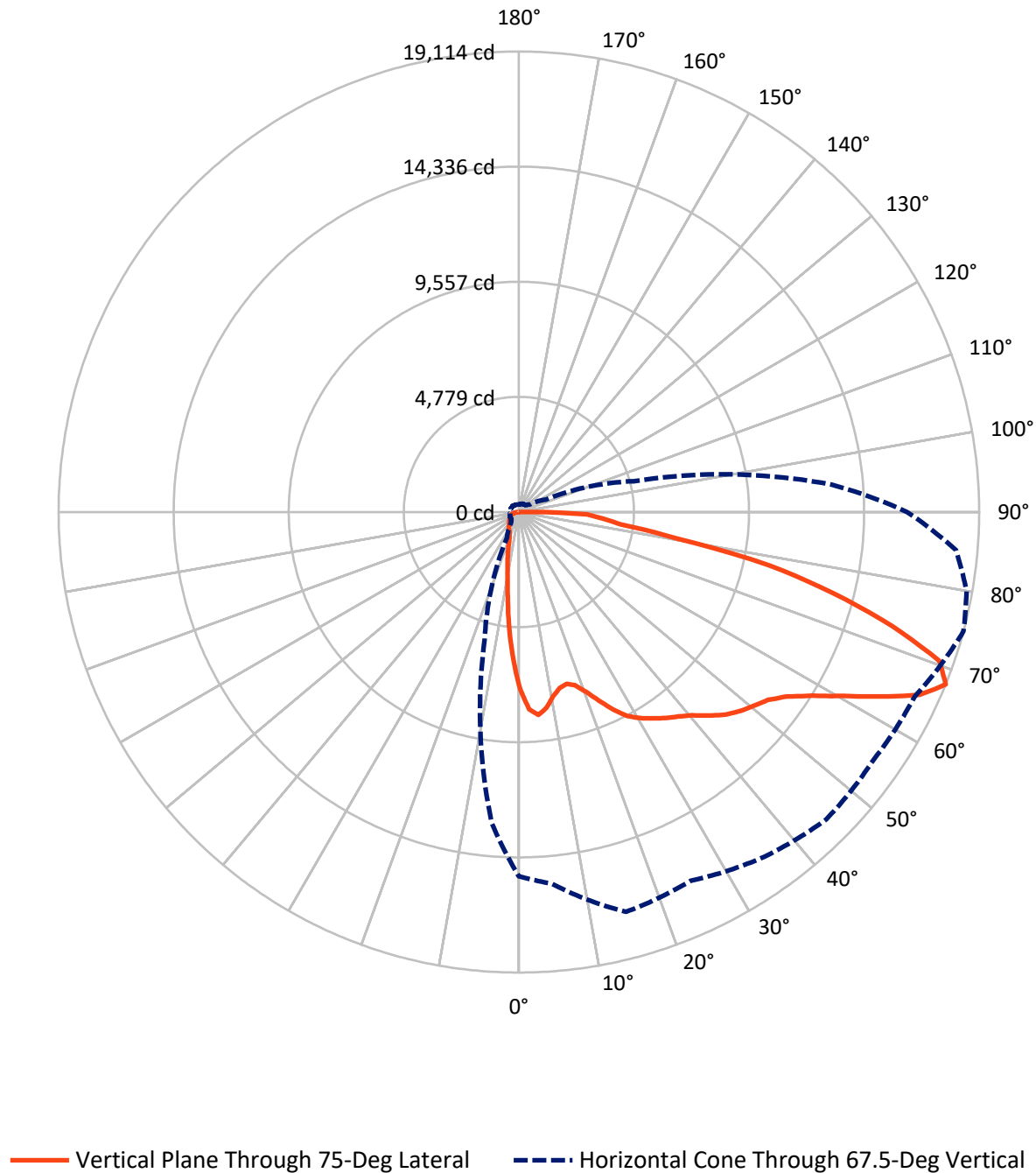
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.9 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	4266.4	0.0	4266.4
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	19957.6	0.0	19957.6
	% Fixture	82.4	0.0	82.4
Total	Lumens	24224.0	0.0	24224.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	569.6	2.4
10°-20°	1183.2	4.9
20°-30°	1682.8	6.9
30°-40°	2424.9	10.0
40°-50°	3417.4	14.1
50°-60°	4750.7	19.6
60°-70°	5745.1	23.7
70°-80°	3531.4	14.6
80°-90°	918.9	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°	24224.0	100.0
0°-180°	24224.0	100.0

Coefficient of Utilization



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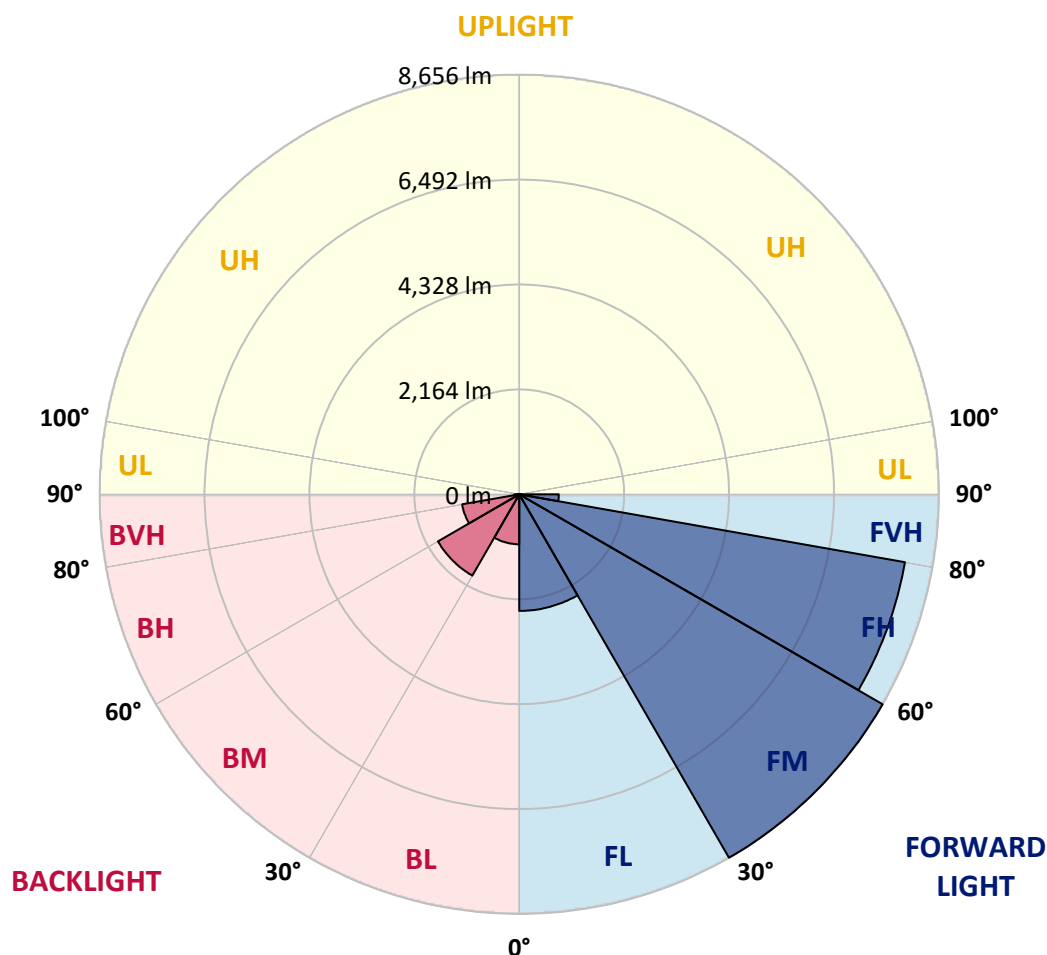
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2405.2	9.9			
FM	(30°-60°)	8656.4	35.7			
FH	(60°-80°)	8080.3	33.4			G4/12000
FVH	(80°-90°)	815.7	3.4			G5
BL	(0°-30°)	1030.4	4.3	B3/2500		
BM	(30°-60°)	1936.6	8.0	B2/2500		
BH	(60°-80°)	1196.2	4.9	B3/2500		G3/2500
BVH	(80°-90°)	103.2	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0
2.5°	7866.1	7969.8	8041.4	8112.1	8167.3	8221.6	8301.0	8380.4	8395.9	8410.4	8379.4
5°	7819.7	8072.4	8287.4	8501.5	8700.0	8898.6	9017.7	9136.8	9161.0	9185.2	9110.7
7.5°	7318.9	7691.8	8064.7	8437.6	8779.4	9121.3	9329.5	9536.8	9584.3	9630.7	9508.7
10°	6749.5	7183.3	7641.4	8099.5	8549.9	9000.3	9301.5	9602.7	9662.7	9722.8	9570.7
12.5°	6316.5	6790.1	7279.2	7768.3	8243.9	8718.4	9030.3	9342.1	9416.7	9491.3	9380.9
15°	6150.0	6669.1	7129.1	7589.2	8003.7	8417.2	8672.9	8927.6	8958.6	8988.6	8971.2
17.5°	6316.5	6888.9	7305.4	7720.9	7946.5	8171.2	8273.9	8375.6	8409.5	8442.4	8486.9
20°	6803.7	7421.6	7715.1	8007.5	7997.9	7987.2	7937.8	7887.4	7878.7	7870.0	7995.9
22.5°	7499.1	8216.7	8333.9	8450.1	8178.0	7905.8	7740.2	7573.7	7540.7	7506.8	7640.5
25°	8315.5	9079.7	9058.4	9036.1	8517.9	7998.8	7683.1	7367.4	7330.6	7293.8	7408.0
27.5°	9203.6	9933.9	9794.4	9655.0	8950.9	8246.8	7788.7	7330.6	7293.8	7257.0	7357.7
30°	9898.1	10560.5	10336.8	10113.1	9316.0	8518.9	7974.6	7430.3	7370.3	7309.3	7433.2
32.5°	10485.9	11049.6	10749.4	10449.1	9612.3	8775.6	8186.7	7597.9	7503.9	7410.0	7575.6
35°	11098.0	11537.7	11115.5	10692.2	9876.7	9060.3	8437.6	7813.8	7698.6	7583.3	7810.9
37.5°	11786.6	12151.7	11545.5	10938.2	10174.1	9409.9	8813.3	8215.8	8097.6	7979.5	8270.0
40°	12514.0	12818.1	12009.4	11200.7	10499.5	9798.3	9333.4	8867.6	8755.2	8641.9	8994.4
42.5°	13150.3	13372.1	12441.3	11510.6	10891.7	10271.9	9944.5	9616.2	9615.2	9613.3	9970.7
45°	13629.7	13822.4	12801.6	11779.8	11274.3	10767.8	10597.3	10426.8	10563.4	10700.0	11023.4
47.5°	14027.7	14158.5	13103.8	12048.1	11712.0	11376.0	11401.2	11426.3	11704.3	11982.3	12190.5
50°	14482.9	14377.4	13377.9	12377.4	12273.8	12170.1	12396.8	12622.4	12942.0	13260.7	13402.1
52.5°	14975.9	14696.0	13749.8	12802.6	12918.8	13035.0	13496.0	13957.0	14279.5	14602.0	14655.3
55°	15862.1	15433.0	14433.5	13433.1	13656.8	13879.5	14556.5	15232.5	15484.3	15736.2	15755.5
57.5°	16860.6	16480.0	15391.4	14302.8	14543.0	14783.2	15564.7	16345.3	16617.5	16888.7	16850.9
60°	17245.1	17263.5	16300.8	15337.1	15579.3	15821.4	16582.6	17343.9	17656.7	17968.5	17885.3
62.5°	16857.7	17311.9	16797.6	16282.4	16502.2	16721.1	17466.9	18212.6	18533.2	18853.8	18708.5
65°	16091.6	16541.9	16772.4	17003.0	17075.6	17148.2	17844.6	18540.0	18786.0	19031.0	18957.4
67.5°	15117.3	15481.4	16331.8	17181.2	17034.9	16888.7	17215.1	17541.4	17794.2	18047.0	18005.3
70°	13989.0	14422.9	15557.0	16691.1	15972.5	15252.9	15118.3	14983.6	15256.7	15528.9	15360.4
72.5°	11965.8	12620.5	13830.2	15038.8	13714.9	12391.0	11930.9	11470.9	11816.6	12162.4	11894.1
75°	9038.0	9906.8	11243.3	12578.9	10999.2	9419.6	8805.6	8191.6	8488.9	8786.2	8602.2
77.5°	6285.6	7375.1	8691.3	10007.5	8401.7	6795.0	6338.8	5881.7	5970.8	6058.9	6027.9
80°	4285.6	5002.3	5920.4	6837.6	5768.4	4699.2	4735.0	4769.9	4728.2	4685.6	4747.6
82.5°	2687.6	3192.2	3901.1	4609.1	4041.5	3474.0	3799.4	4124.8	3965.0	3804.3	3864.3
85°	1513.8	1821.7	2515.2	3207.7	2989.8	2770.9	2961.7	3151.5	2903.6	2655.6	2765.1
87.5°	288.6	480.4	1391.7	2302.1	2090.0	1877.9	1631.9	1385.9	1057.6	729.3	1065.3
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



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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°	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0
2.5°	8348.5	8332.0	8315.5	8256.4	8196.4	8107.3	8033.7	7905.8	7836.1	7730.6	7625.0
5°	9035.1	8930.5	8825.9	8645.8	8464.7	8263.2	8031.8	7775.1	7581.4	7329.6	7077.8
7.5°	9386.7	9142.6	8897.6	8551.8	8205.1	7893.3	7527.2	7186.3	6895.7	6568.4	6241.0
10°	9418.6	9052.6	8685.5	8236.1	7785.8	7407.1	6985.8	6607.1	6258.4	5882.7	5505.9
12.5°	9269.5	8880.2	8489.9	7995.0	7499.1	7069.1	6615.8	6191.6	5805.2	5391.6	4977.1
15°	8953.8	8642.9	8331.0	7867.1	7403.2	6969.3	6529.6	6027.0	5590.2	5166.9	4742.7
17.5°	8530.5	8383.3	8235.1	7900.0	7564.0	7188.2	6762.1	6172.2	5660.9	5200.8	4740.8
20°	8120.9	8175.1	8228.4	8094.7	7961.1	7659.9	7287.9	6625.5	5972.7	5371.3	4768.9
22.5°	7773.2	8033.7	8293.2	8396.9	8499.5	8318.4	8027.9	7261.8	6397.9	5612.4	4827.0
25°	7521.4	7953.3	8385.3	8730.0	9073.9	8993.5	8769.7	8034.7	6961.6	5960.1	4957.7
27.5°	7458.4	7988.2	8517.9	9052.6	9586.2	9660.8	9598.8	8849.2	7633.7	6392.1	5149.5
30°	7557.2	8093.7	8629.3	9280.1	9930.0	10227.3	10310.6	9528.1	8401.7	6895.7	5388.7
32.5°	7741.2	8267.1	8793.0	9501.9	10209.9	10659.3	10924.7	10148.9	8937.3	7275.4	5612.4
35°	8038.5	8530.5	9022.5	9760.5	10498.5	11079.6	11563.9	10790.0	9412.8	7540.7	5667.7
37.5°	8559.6	8982.8	9406.1	10087.9	10768.7	11522.2	12249.6	11496.1	9927.1	7796.4	5664.7
40°	9347.0	9646.2	9944.5	10520.8	11096.1	12044.2	13026.3	12283.5	10495.6	8073.4	5651.2
42.5°	10328.1	10482.1	10635.1	11091.2	11547.4	12589.5	13731.4	13053.4	11038.0	8331.0	5624.1
45°	11346.0	11386.6	11427.3	11715.0	12001.6	13021.5	14211.7	13631.6	11511.6	8554.7	5597.0
47.5°	12397.7	12258.3	12118.8	12233.1	12347.4	13352.7	14554.6	14070.3	11987.1	8802.7	5617.3
50°	13543.5	13155.1	12766.7	12706.7	12646.6	13683.9	14958.5	14628.2	12558.5	9163.9	5769.3
52.5°	14707.6	14067.4	13427.3	13190.0	12951.7	14079.1	15494.0	15322.6	13374.0	9723.7	6072.5
55°	15774.9	14960.4	14145.9	13826.3	13506.7	14683.4	16147.8	16342.4	14419.0	10439.4	6458.9
57.5°	16812.2	15889.2	14966.2	14669.8	14373.5	15571.5	16975.8	17257.7	15474.7	11126.1	6776.6
60°	17802.0	16888.7	15974.4	15737.1	15498.9	16675.6	17870.7	17665.4	16019.0	11447.6	6875.4
62.5°	18563.2	17836.8	17110.5	16985.5	16859.6	17792.3	18558.4	17506.6	15673.2	11130.9	6588.7
65°	18883.8	18470.2	18055.7	18172.9	18289.1	18636.8	18729.8	17041.7	14586.5	10243.8	5901.1
67.5°	17962.7	18047.0	18131.3	18623.2	19114.3	18875.1	18220.4	16125.5	13039.9	8986.7	4933.5
70°	15190.9	15696.4	16201.0	17365.2	18528.3	17997.6	16855.7	14481.0	11178.4	7538.8	3898.2
72.5°	11624.9	12193.4	12760.9	14488.7	16215.6	15726.5	14328.0	11894.1	8962.5	6020.2	3076.9
75°	8417.2	9059.3	9700.5	11606.5	13512.5	12833.6	10717.4	8516.0	6807.6	4595.5	2382.5
77.5°	5996.0	6426.0	6856.0	8738.8	10620.5	9514.5	7134.0	5730.6	4711.7	3194.1	1675.5
80°	4809.6	4677.8	4546.1	5595.0	6643.9	6459.9	4718.5	3680.3	3260.9	2140.4	1019.8
82.5°	3923.4	3601.8	3280.3	3774.2	4268.2	4241.1	3274.5	2700.2	2427.1	1487.6	548.2
85°	2873.5	2744.7	2615.9	3052.7	3489.5	3116.6	2217.9	1716.2	1892.4	1095.4	298.3
87.5°	1401.4	1600.9	1799.5	2314.7	2829.0	2123.9	673.1	333.2	461.0	303.1	144.3
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: P320231
 CATALOG NUMBER: GAN-SA7A-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: P320231

CATALOG NUMBER: GAN-SA7A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0
2.5°	7546.5	7467.1	7377.0	7287.0	7184.3	7080.7	7019.7	6957.7	6890.9	6824.0	6748.5
5°	6911.2	6744.6	6555.8	6366.9	6180.0	5993.1	5892.3	5791.6	5685.1	5577.6	5484.6
7.5°	5998.9	5755.8	5494.3	5231.8	4999.4	4766.0	4621.7	4476.4	4344.7	4212.0	4100.6
10°	5196.0	4886.1	4623.6	4360.2	4184.9	4009.6	3876.9	3744.2	3616.4	3487.6	3364.6
12.5°	4667.2	4357.3	4190.7	4024.1	3878.8	3733.6	3580.5	3426.5	3251.2	3075.0	2946.2
15°	4460.9	4179.1	3994.1	3808.1	3613.5	3417.8	3229.9	3042.1	2834.8	2627.5	2481.3
17.5°	4371.8	4002.8	3744.2	3484.7	3228.0	2971.4	2753.4	2535.5	2308.9	2082.3	1934.1
20°	4277.9	3786.8	3440.1	3092.4	2763.1	2433.8	2186.9	1939.9	1737.5	1535.1	1421.8
22.5°	4192.6	3557.3	3122.4	2686.6	2297.3	1907.9	1665.8	1422.7	1298.8	1174.8	1129.3
25°	4157.8	3356.8	2822.2	2287.6	1876.9	1465.3	1292.9	1120.6	1073.1	1024.7	1001.4
27.5°	4163.6	3177.6	2569.4	1960.2	1590.3	1220.3	1102.2	984.0	954.9	924.9	910.4
30°	4185.8	2983.0	2331.2	1679.4	1374.3	1069.2	992.7	915.2	884.2	853.2	834.8
32.5°	4211.0	2808.6	2147.2	1484.7	1235.8	985.9	923.0	859.1	829.0	799.0	780.6
35°	4167.4	2666.3	2021.3	1376.2	1146.7	916.2	862.9	808.7	775.8	742.8	725.4
37.5°	4093.8	2522.9	1923.4	1323.0	1088.6	853.2	814.5	774.8	740.9	706.0	689.6
40°	4027.0	2401.9	1850.8	1298.8	1056.6	813.5	780.6	747.7	712.8	677.0	657.6
42.5°	3972.8	2320.5	1779.1	1237.7	1027.6	816.4	770.0	722.5	688.6	654.7	633.4
45°	3932.1	2267.3	1723.0	1178.7	1000.5	822.3	763.2	704.1	670.2	635.3	610.2
47.5°	3928.2	2239.2	1683.2	1127.3	949.1	770.0	745.7	721.5	672.1	621.8	592.7
50°	3981.5	2193.6	1636.8	1078.9	899.7	720.6	753.5	785.5	701.2	616.0	579.2
52.5°	4092.9	2113.3	1563.2	1013.0	839.7	665.4	716.7	767.1	694.4	620.8	573.4
55°	4227.5	1995.1	1451.8	907.5	760.3	612.1	657.6	702.2	656.6	610.2	553.0
57.5°	4311.8	1846.0	1311.3	776.7	671.2	565.6	591.8	616.9	598.5	580.1	522.0
60°	4261.4	1647.4	1153.5	658.6	592.7	526.9	522.0	516.2	543.3	570.4	503.6
62.5°	4015.4	1442.1	1014.0	585.9	536.5	486.2	475.5	463.9	508.5	552.0	481.3
65°	3599.9	1298.8	925.9	553.0	497.8	442.6	431.0	419.4	432.9	446.5	413.5
67.5°	3072.1	1210.6	875.5	540.4	473.6	405.8	392.2	378.7	375.8	372.9	361.2
70°	2527.8	1156.4	842.6	528.8	447.4	365.1	352.5	339.9	336.1	331.2	322.5
72.5°	2113.3	1149.6	838.7	527.8	426.1	324.4	312.8	301.2	296.4	290.5	283.8
75°	1730.7	1078.9	796.1	513.3	397.1	279.9	269.2	258.6	254.7	249.9	244.1
77.5°	1284.2	893.0	669.2	445.5	339.9	234.4	223.7	212.1	211.1	209.2	204.4
80°	832.9	646.0	478.4	310.9	247.9	184.0	175.3	165.6	166.6	167.6	163.7
82.5°	462.9	376.7	292.5	208.2	169.5	130.7	126.9	122.0	124.9	126.9	122.0
85°	244.1	189.8	156.9	124.0	97.8	71.7	71.7	70.7	74.6	78.4	74.6
87.5°	105.6	66.8	57.1	46.5	26.1	4.8	5.8	5.8	7.7	9.7	8.7
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: P320231
 CATALOG NUMBER: GAN-SA7A-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: P320231

CATALOG NUMBER: GAN-SA7A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0
2.5°	6672.0	6601.3	6529.6	6451.2	6465.7	6405.6	6345.6	6307.8	6270.1	6258.4	6246.8
5°	5391.6	5311.2	5229.9	5157.3	5220.2	5177.6	5135.0	5129.2	5122.4	5122.4	5121.4
7.5°	3989.2	3903.0	3815.9	3755.8	3817.8	3810.1	3802.3	3844.0	3885.6	3919.5	3952.4
10°	3241.6	3137.0	3031.4	2942.3	2926.8	2882.3	2836.7	2846.4	2855.1	2891.9	2928.7
12.5°	2817.4	2692.4	2567.5	2462.9	2415.4	2341.8	2267.3	2220.8	2174.3	2179.1	2183.0
15°	2334.1	2213.0	2091.0	2000.9	1970.9	1913.8	1856.6	1798.5	1739.4	1715.2	1690.0
17.5°	1784.9	1688.1	1590.3	1530.2	1530.2	1513.8	1497.3	1468.2	1438.2	1414.0	1388.8
20°	1308.4	1257.1	1204.8	1179.6	1187.4	1188.3	1188.3	1202.9	1217.4	1209.7	1201.9
22.5°	1082.8	1064.4	1046.0	1035.3	1039.2	1040.2	1041.1	1054.7	1067.3	1077.0	1085.7
25°	977.2	965.6	954.0	950.1	958.8	959.8	959.8	968.5	977.2	986.9	996.6
27.5°	894.9	890.0	885.2	878.4	887.1	887.1	886.2	895.9	904.6	913.3	921.0
30°	816.4	818.4	819.3	817.4	823.2	827.1	830.0	836.8	842.6	849.4	856.2
32.5°	761.2	758.3	755.4	753.5	766.1	772.9	779.6	786.4	792.2	795.1	798.0
35°	708.0	701.2	694.4	689.6	701.2	709.9	718.6	731.2	742.8	744.8	746.7
37.5°	672.1	663.4	654.7	648.9	653.7	657.6	661.5	675.0	688.6	696.4	703.1
40°	638.2	629.5	620.8	616.0	618.9	619.8	620.8	627.6	633.4	647.9	661.5
42.5°	611.1	600.5	589.8	584.0	585.9	587.9	588.8	587.9	586.9	600.5	614.0
45°	584.0	572.4	560.8	554.0	554.9	554.9	554.9	553.0	550.1	556.9	563.7
47.5°	562.7	549.1	535.6	528.8	526.9	524.9	523.0	522.0	520.1	524.9	528.8
50°	541.4	526.9	511.4	503.6	498.8	496.8	494.9	493.9	492.0	496.8	500.7
52.5°	524.9	507.5	490.1	477.5	472.6	469.7	466.8	467.8	467.8	469.7	470.7
55°	495.9	480.4	463.9	455.2	446.5	444.5	442.6	445.5	447.4	447.4	447.4
57.5°	463.9	449.4	433.9	428.1	420.3	420.3	419.4	423.2	426.1	428.1	430.0
60°	435.8	419.4	402.9	398.1	395.1	394.2	393.2	398.1	401.9	405.8	409.7
62.5°	409.7	392.2	374.8	369.0	368.0	369.0	369.0	373.8	377.7	381.6	385.5
65°	380.6	363.2	344.8	339.0	340.9	343.8	346.7	350.6	353.5	357.4	361.2
67.5°	348.7	334.1	318.6	312.8	313.8	317.7	321.5	324.4	326.4	330.3	334.1
70°	313.8	301.2	288.6	284.7	283.8	288.6	292.5	294.4	296.4	301.2	305.1
72.5°	276.0	265.4	254.7	251.8	252.8	255.7	258.6	261.5	263.4	268.3	272.1
75°	237.3	227.6	217.9	216.0	217.9	220.8	223.7	225.7	227.6	233.4	238.3
77.5°	199.5	188.9	177.2	176.3	179.2	182.1	184.0	186.9	189.8	197.6	205.3
80°	159.8	148.2	135.6	134.6	137.5	140.4	143.3	146.2	149.1	158.8	167.6
82.5°	117.2	103.6	90.1	88.1	97.8	100.7	103.6	108.5	112.3	121.1	129.8
85°	70.7	57.1	43.6	42.6	51.3	56.2	61.0	66.8	71.7	79.4	87.2
87.5°	7.7	3.9	0.0	0.0	1.0	4.8	8.7	13.6	18.4	26.1	32.9
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: P320231
 CATALOG NUMBER: GAN-SA7A-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: P320231

CATALOG NUMBER: GAN-SA7A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0
2.5°	6204.2	6160.6	6205.2	6248.7	6267.2	6285.6	6238.1	6189.7	6265.2	6339.8	6359.2
5°	5082.7	5043.0	5073.0	5102.0	5037.2	4972.3	4965.5	4957.7	5013.9	5070.1	5078.8
7.5°	3939.9	3927.3	3955.3	3983.4	3901.1	3817.8	3777.1	3736.5	3750.0	3763.6	3761.6
10°	2937.5	2945.2	2980.1	3014.0	2950.0	2886.1	2858.0	2830.0	2860.9	2891.0	2919.1
12.5°	2200.4	2216.9	2253.7	2289.5	2263.4	2236.3	2239.2	2242.1	2277.9	2312.8	2343.8
15°	1709.4	1728.8	1754.9	1780.1	1781.1	1781.1	1806.2	1830.5	1827.6	1824.7	1846.0
17.5°	1415.0	1440.2	1443.1	1446.0	1446.9	1447.9	1446.0	1444.0	1429.5	1415.0	1431.4
20°	1211.6	1220.3	1228.1	1234.8	1226.1	1216.4	1192.2	1168.0	1158.3	1148.6	1164.1
22.5°	1102.2	1117.6	1109.9	1101.2	1083.7	1065.3	1046.9	1027.6	1026.6	1024.7	1033.4
25°	1010.1	1022.7	1009.2	995.6	983.0	970.4	957.8	945.3	944.3	943.3	947.2
27.5°	933.6	945.3	932.7	920.1	909.4	898.8	889.1	879.4	877.5	875.5	876.5
30°	867.8	878.4	867.8	856.2	848.4	839.7	832.9	826.1	825.2	824.2	824.2
32.5°	808.7	819.3	811.6	803.9	797.1	790.3	785.5	780.6	775.8	770.9	760.3
35°	757.4	768.0	763.2	757.4	749.6	741.9	733.2	723.5	710.9	697.3	691.5
37.5°	713.8	724.4	719.6	714.8	704.1	693.4	677.9	661.5	657.6	652.8	651.8
40°	678.9	695.4	685.7	675.0	658.6	642.1	634.4	626.6	624.7	622.7	620.8
42.5°	640.2	665.4	647.9	630.5	615.0	599.5	597.6	595.6	594.7	593.7	593.7
45°	591.8	618.9	601.4	583.0	574.3	565.6	565.6	565.6	566.6	566.6	568.5
47.5°	546.2	562.7	554.0	545.3	540.4	535.6	536.5	537.5	540.4	542.4	547.2
50°	507.5	513.3	515.2	516.2	513.3	510.4	512.3	513.3	516.2	518.1	522.0
52.5°	479.4	488.1	488.1	487.2	487.2	487.2	489.1	491.0	493.9	496.8	500.7
55°	461.0	473.6	469.7	465.8	466.8	466.8	468.8	470.7	473.6	475.5	481.3
57.5°	443.6	457.1	453.3	449.4	449.4	449.4	450.4	451.3	454.2	456.2	460.0
60°	423.2	436.8	432.9	428.1	429.0	430.0	431.0	431.0	432.9	433.9	433.9
62.5°	399.0	412.6	408.7	403.9	406.8	408.7	408.7	408.7	410.6	411.6	408.7
65°	373.8	386.4	382.6	378.7	382.6	385.5	387.4	388.4	387.4	386.4	383.5
67.5°	346.7	359.3	355.4	350.6	355.4	359.3	363.2	366.1	363.2	360.3	356.4
70°	317.7	330.3	325.4	320.6	325.4	330.3	334.1	338.0	334.1	330.3	329.3
72.5°	286.7	301.2	295.4	289.6	295.4	301.2	303.1	305.1	302.2	299.3	297.3
75°	252.8	267.3	262.5	256.7	261.5	266.3	267.3	268.3	268.3	267.3	261.5
77.5°	216.9	228.6	225.7	222.8	225.7	228.6	228.6	228.6	229.5	229.5	221.8
80°	174.3	181.1	182.1	183.0	184.0	185.0	184.0	183.0	181.1	179.2	174.3
82.5°	129.8	129.8	137.5	144.3	144.3	143.3	142.4	140.4	136.6	131.7	121.1
85°	82.3	77.5	90.1	101.7	101.7	100.7	98.8	95.9	88.1	79.4	70.7
87.5°	28.1	23.2	35.8	48.4	49.4	49.4	47.5	45.5	37.8	29.1	22.3
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: P320231
 CATALOG NUMBER: GAN-SA7A-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: P320231

CATALOG NUMBER: GAN-SA7A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0
2.5°	6388.2	6400.8	6412.4	6507.3	6601.3	6711.7	6822.1	6906.4	6989.7	7075.8	7162.0
5°	5108.8	5124.3	5139.8	5255.1	5369.4	5523.3	5677.3	5810.0	5942.7	6098.6	6254.6
7.5°	3786.8	3820.7	3853.7	3976.7	4098.7	4264.3	4428.9	4602.3	4774.7	4978.1	5181.5
10°	2974.3	3038.2	3101.1	3227.0	3352.9	3516.6	3679.3	3860.4	4041.5	4242.0	4441.5
12.5°	2407.7	2492.9	2577.2	2728.3	2879.3	3075.0	3269.6	3471.1	3671.6	3847.8	4024.1
15°	1902.1	1995.1	2087.1	2246.9	2406.7	2621.7	2835.8	3055.6	3274.5	3485.6	3696.8
17.5°	1483.7	1560.3	1635.8	1771.4	1906.0	2114.2	2322.5	2553.0	2783.5	3041.1	3297.7
20°	1197.1	1229.0	1261.0	1358.8	1455.7	1625.1	1793.7	2029.0	2264.3	2572.3	2880.3
22.5°	1048.9	1065.3	1080.8	1128.3	1174.8	1284.2	1392.7	1600.9	1808.2	2144.3	2479.4
25°	959.8	972.4	985.0	1016.0	1046.9	1099.2	1151.5	1297.8	1444.0	1774.3	2103.6
27.5°	879.4	898.8	917.2	931.7	945.3	981.1	1016.0	1111.8	1207.7	1515.7	1822.7
30°	821.3	828.1	834.8	857.1	878.4	915.2	952.0	1018.9	1085.7	1346.2	1605.8
32.5°	753.5	763.2	772.9	796.1	819.3	853.2	887.1	941.4	994.6	1217.4	1439.2
35°	692.5	702.2	711.8	735.1	757.4	794.2	830.0	875.5	920.1	1113.8	1307.5
37.5°	654.7	664.4	674.1	694.4	713.8	750.6	786.4	822.3	857.1	1036.3	1215.5
40°	622.7	632.4	642.1	661.5	679.9	715.7	750.6	780.6	810.6	978.2	1145.7
42.5°	594.7	605.3	616.0	635.3	653.7	685.7	717.7	757.4	796.1	927.8	1058.6
45°	571.4	582.1	591.8	613.1	634.4	665.4	696.4	751.6	806.8	901.7	996.6
47.5°	550.1	561.7	572.4	595.6	618.9	657.6	695.4	741.9	787.4	881.3	975.3
50°	529.8	543.3	556.9	585.0	612.1	677.0	740.9	747.7	753.5	864.9	975.3
52.5°	510.4	525.9	541.4	576.3	610.2	685.7	761.2	737.0	711.8	833.9	955.9
55°	491.0	504.6	517.2	559.8	602.4	657.6	712.8	680.9	647.9	775.8	903.6
57.5°	464.9	479.4	493.0	538.5	584.0	622.7	660.5	631.5	601.4	709.9	817.4
60°	437.8	454.2	470.7	528.8	585.9	579.2	571.4	565.6	558.8	636.3	713.8
62.5°	413.5	431.0	448.4	524.0	599.5	553.0	506.5	511.4	515.2	572.4	629.5
65°	389.3	406.8	423.2	461.0	498.8	480.4	462.0	469.7	476.5	532.7	588.8
67.5°	362.2	377.7	392.2	404.8	417.4	419.4	421.3	429.0	436.8	503.6	569.5
70°	332.2	344.8	357.4	366.1	373.8	377.7	380.6	390.3	400.0	472.6	545.3
72.5°	298.3	309.0	318.6	326.4	334.1	337.0	339.0	348.7	358.3	435.8	513.3
75°	261.5	270.2	278.0	284.7	291.5	295.4	299.3	306.0	312.8	397.1	480.4
77.5°	220.8	229.5	237.3	243.1	247.9	251.8	254.7	263.4	272.1	342.8	412.6
80°	172.4	183.0	192.7	197.6	201.4	202.4	202.4	210.2	217.9	268.3	317.7
82.5°	122.0	133.7	144.3	148.2	152.1	152.1	152.1	160.8	169.5	203.4	236.3
85°	71.7	84.3	95.9	99.8	103.6	105.6	106.5	110.4	113.3	137.5	160.8
87.5°	22.3	32.9	42.6	44.6	46.5	50.4	54.2	55.2	55.2	71.7	88.1
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: P320231
 CATALOG NUMBER: GAN-SA7A-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°	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0
2.5°	7260.8	7359.6	7474.9	7589.2	7687.0	7784.8	7866.1
5°	6453.1	6651.6	6894.7	7136.9	7352.8	7568.8	7819.7
7.5°	5438.1	5694.8	6009.5	6324.3	6629.4	6933.5	7318.9
10°	4703.0	4963.6	5296.7	5628.9	5971.8	6313.6	6749.5
12.5°	4236.2	4447.3	4769.9	5092.4	5495.3	5897.2	6316.5
15°	3928.2	4158.7	4472.5	4786.3	5227.0	5667.7	6150.0
17.5°	3599.9	3901.1	4303.0	4705.0	5227.0	5748.0	6316.5
20°	3256.1	3630.9	4152.0	4673.0	5376.1	6078.3	6803.7
22.5°	2913.2	3347.1	4015.4	4682.7	5601.8	6519.9	7499.1
25°	2604.3	3105.0	3932.1	4758.2	5930.1	7101.0	8315.5
27.5°	2369.9	2916.1	3898.2	4879.3	6346.6	7813.8	9203.6
30°	2161.7	2717.6	3857.5	4997.4	6747.5	8496.6	9898.1
32.5°	1981.5	2523.9	3779.1	5033.3	7027.4	9021.6	10485.9
35°	1840.1	2372.8	3647.4	4921.9	7202.7	9483.5	11098.0
37.5°	1718.1	2220.8	3497.2	4773.7	7358.6	9943.6	11786.6
40°	1601.9	2058.1	3368.4	4677.8	7573.7	10469.5	12514.0
42.5°	1491.5	1924.4	3264.8	4605.2	7773.2	10940.2	13150.3
45°	1409.2	1821.7	3172.8	4522.9	7902.0	11281.1	13629.7
47.5°	1368.5	1760.7	3123.4	4485.1	8030.8	11575.5	14027.7
50°	1362.7	1750.1	3179.6	4609.1	8309.7	12009.4	14482.9
52.5°	1361.7	1767.5	3341.3	4915.1	8827.9	12739.6	14975.9
55°	1341.4	1778.2	3534.0	5289.0	9523.2	13756.5	15862.1
57.5°	1279.4	1741.4	3732.6	5722.9	10258.3	14792.8	16860.6
60°	1183.5	1652.3	3896.3	6139.3	10752.3	15364.3	17245.1
62.5°	1063.4	1496.3	3950.5	6403.7	10738.7	15073.7	16857.7
65°	960.8	1332.7	3772.3	6211.0	10195.4	14178.8	16091.6
67.5°	869.7	1169.0	3326.8	5483.6	9218.2	12951.7	15117.3
70°	803.9	1061.5	2752.5	4443.5	7995.0	11545.5	13989.0
72.5°	762.2	1010.1	2244.0	3476.9	6488.0	9498.1	11965.8
75°	705.1	929.8	1760.7	2590.7	4965.5	7340.2	9038.0
77.5°	598.5	783.5	1326.8	1870.2	3643.5	5415.8	6285.6
80°	462.0	605.3	912.3	1219.3	2507.4	3795.5	4285.6
82.5°	329.3	422.3	553.0	683.8	1665.8	2646.9	2687.6
85°	203.4	246.0	316.7	387.4	1102.2	1816.9	1513.8
87.5°	109.4	130.7	167.6	203.4	352.5	501.7	288.6
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)