

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: P320232

Luminaire Tested: **GAN-SA8A-727-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320232
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-SA8A-727-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 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: 27449 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

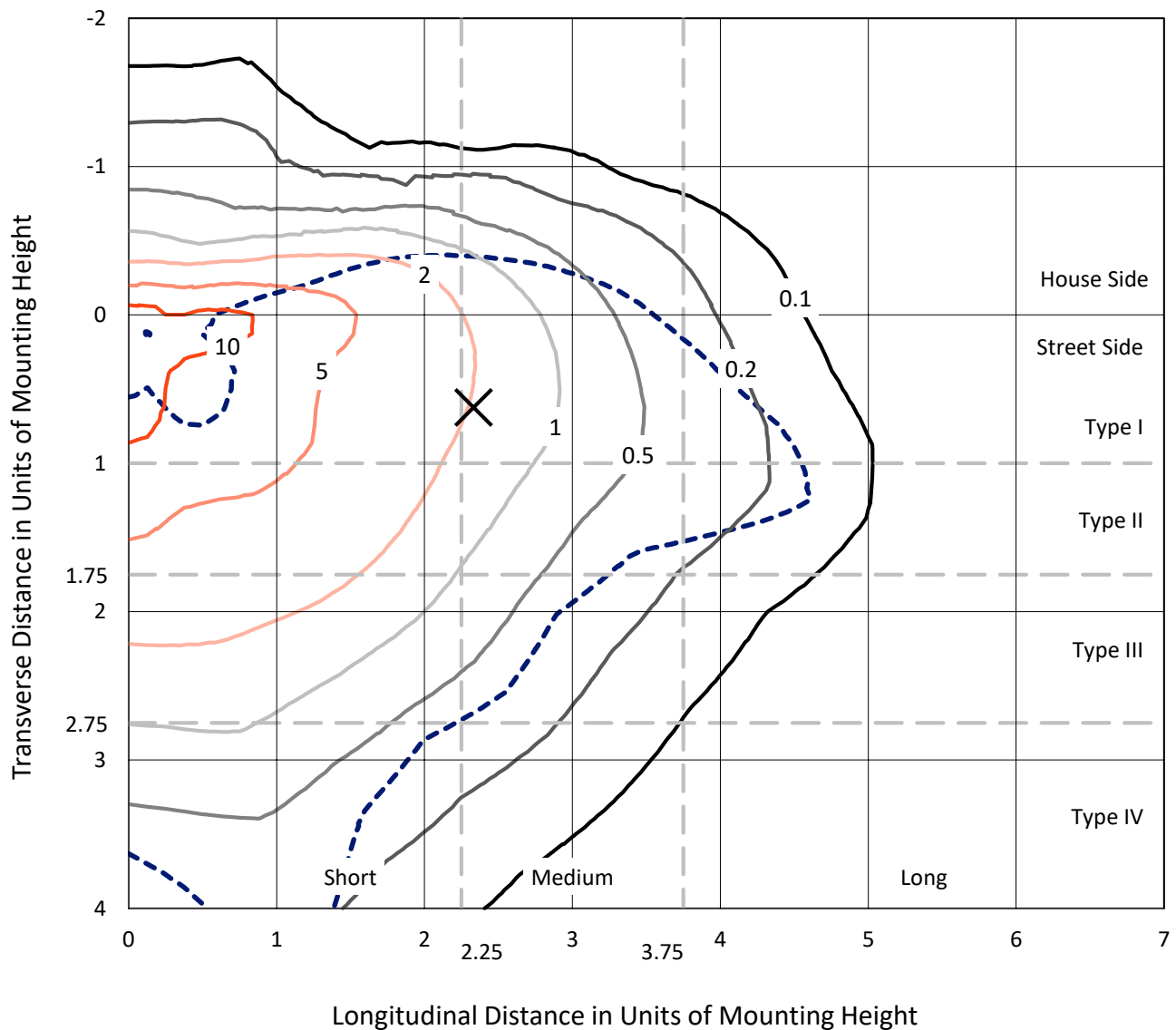
Input Watts (W): 257
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

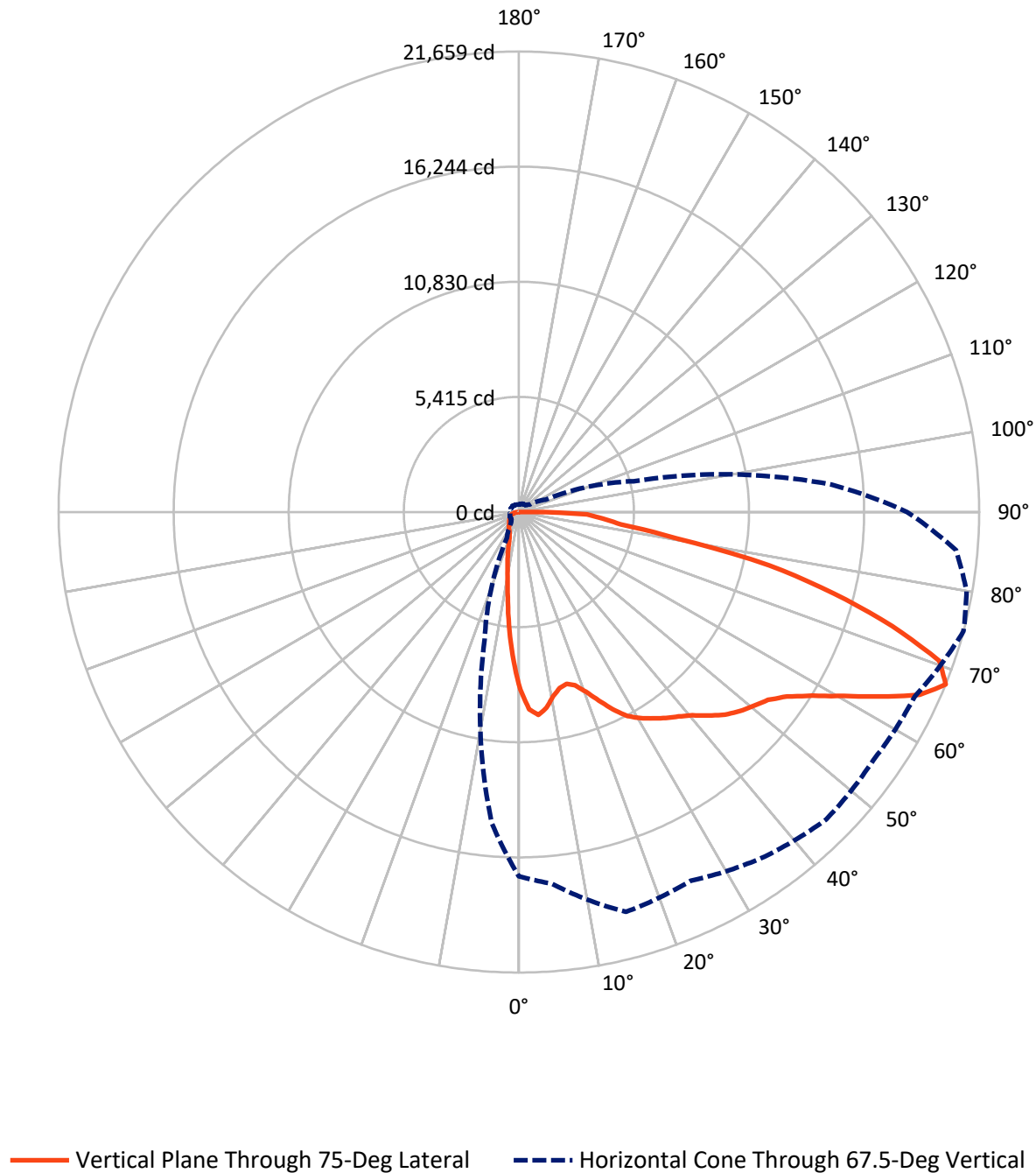
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.8 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	4834.4	0.0	4834.4
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	22614.6	0.0	22614.6
	% Fixture	82.4	0.0	82.4
Total	Lumens	27449.0	0.0	27449.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	645.4	2.4
10°-20°	1340.7	4.9
20°-30°	1906.8	6.9
30°-40°	2747.7	10.0
40°-50°	3872.3	14.1
50°-60°	5383.2	19.6
60°-70°	6509.9	23.7
70°-80°	4001.5	14.6
80°-90°	1041.3	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°	27449.0	100.0
0°-180°	27449.0	100.0

Coefficient of Utilization



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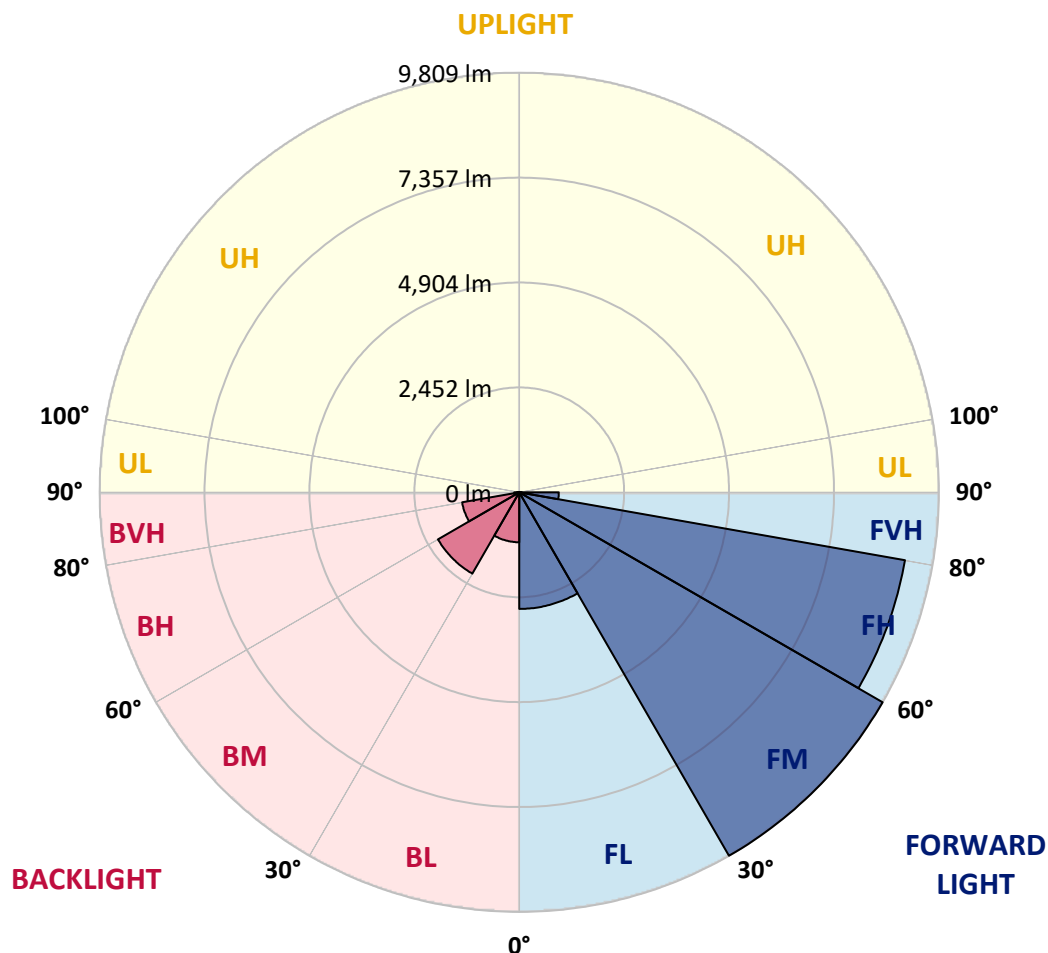
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2725.4	9.9			
FM	(30°-60°)	9808.8	35.7			
FH	(60°-80°)	9156.1	33.4			G4/12000
FVH	(80°-90°)	924.3	3.4			G5
BL	(0°-30°)	1167.6	4.3	B3/2500		
BM	(30°-60°)	2194.5	8.0	B2/2500		
BH	(60°-80°)	1355.4	4.9	B3/2500		G3/2500
BVH	(80°-90°)	117.0	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°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	8913.4	9030.8	9112.0	9192.1	9254.7	9316.1	9406.1	9496.1	9513.7	9530.1	9495.0
5°	8860.7	9147.1	9390.8	9633.3	9858.3	10083.2	10218.2	10353.2	10380.7	10408.1	10323.6
7.5°	8293.3	8715.8	9138.4	9560.9	9948.3	10335.7	10571.6	10806.5	10860.2	10912.9	10774.6
10°	7648.0	8139.7	8658.8	9177.9	9688.2	10198.5	10539.8	10881.1	10949.1	11017.2	10844.9
12.5°	7157.5	7694.1	8248.3	8802.5	9341.4	9879.1	10232.5	10585.9	10670.4	10754.9	10629.8
15°	6968.7	7556.9	8078.2	8599.5	9069.2	9537.8	9827.5	10116.2	10151.3	10185.3	10165.6
17.5°	7157.5	7806.1	8278.0	8748.8	9004.5	9259.1	9375.4	9490.6	9529.0	9566.4	9616.8
20°	7709.5	8409.7	8742.2	9073.6	9062.6	9050.6	8994.6	8937.5	8927.6	8917.8	9060.4
22.5°	8497.5	9310.7	9443.4	9575.1	9266.8	8958.4	8770.7	8582.0	8544.6	8506.2	8657.7
25°	9422.6	10288.5	10264.3	10239.1	9652.0	9063.7	8706.0	8348.2	8306.5	8264.8	8394.3
27.5°	10428.9	11256.4	11098.4	10940.3	10142.5	9344.7	8825.6	8306.5	8264.8	8223.1	8337.2
30°	11215.8	11966.4	11712.9	11459.4	10556.2	9653.1	9036.3	8419.5	8351.5	8282.4	8422.8
32.5°	11881.9	12520.7	12180.4	11840.2	10892.1	9943.9	9276.6	8609.4	8502.9	8396.5	8584.1
35°	12575.5	13073.8	12595.3	12115.7	11191.7	10266.5	9560.9	8854.1	8723.5	8592.9	8850.8
37.5°	13355.8	13769.5	13082.5	12394.4	11528.6	10662.7	9986.7	9309.6	9175.7	9041.8	9371.0
40°	14180.0	14524.6	13608.2	12691.9	11897.3	11102.8	10576.0	10048.1	9920.8	9792.4	10191.9
42.5°	14901.0	15152.3	14097.7	13043.0	12341.8	11639.4	11268.5	10896.4	10895.3	10893.2	11298.1
45°	15444.2	15662.6	14505.9	13348.1	12775.3	12201.3	12008.2	11815.0	11969.7	12124.5	12491.0
47.5°	15895.3	16043.4	14848.3	13652.1	13271.3	12890.5	12919.0	12947.6	13262.5	13577.5	13813.4
50°	16411.1	16291.4	15158.9	14025.2	13907.8	13790.4	14047.2	14302.9	14665.0	15026.1	15186.3
52.5°	16969.7	16652.5	15580.3	14507.0	14638.7	14770.4	15292.8	15815.2	16180.6	16546.1	16606.4
55°	17973.8	17487.7	16355.1	15221.4	15475.0	15727.4	16494.5	17260.5	17545.8	17831.1	17853.1
57.5°	19105.3	18674.0	17440.5	16206.9	16479.1	16751.3	17636.9	18521.4	18829.8	19137.1	19094.3
60°	19541.0	19561.8	18471.0	17379.0	17653.4	17927.7	18790.3	19652.9	20007.4	20360.7	20266.4
62.5°	19102.0	19616.7	19033.9	18450.1	18699.2	18947.2	19792.3	20637.3	21000.5	21363.8	21199.2
65°	18233.9	18744.2	19005.4	19266.6	19348.9	19431.2	20220.3	21008.2	21287.0	21564.6	21481.2
67.5°	17129.9	17542.5	18506.1	19468.5	19302.8	19137.1	19506.9	19876.8	20163.2	20449.6	20402.4
70°	15851.4	16343.0	17628.1	18913.2	18098.9	17283.5	17131.0	16978.4	17287.9	17596.3	17405.3
72.5°	13558.8	14300.7	15671.4	17041.0	15540.8	14040.6	13519.3	12998.0	13389.8	13781.6	13477.6
75°	10241.3	11225.7	12740.1	14253.5	12463.6	10673.7	9977.9	9282.1	9619.0	9955.9	9747.4
77.5°	7122.4	8357.0	9848.4	11339.8	9520.3	7699.6	7182.7	6664.7	6765.7	6865.6	6830.4
80°	4856.2	5668.3	6708.6	7747.9	6536.3	5324.8	5365.4	5404.9	5357.7	5309.4	5379.6
82.5°	3045.4	3617.2	4420.5	5222.7	4579.6	3936.5	4305.2	4674.0	4492.9	4310.7	4378.8
85°	1715.3	2064.3	2850.0	3634.7	3387.8	3139.8	3356.0	3571.1	3290.1	3009.2	3133.2
87.5°	327.0	544.3	1577.0	2608.6	2368.3	2127.9	1849.2	1570.4	1198.4	826.4	1207.2
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°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	9459.9	9441.2	9422.6	9355.6	9287.6	9186.6	9103.2	8958.4	8879.4	8759.7	8640.1
5°	10238.0	10119.5	10000.9	9796.8	9591.6	9363.3	9101.0	8810.2	8590.7	8305.4	8020.1
7.5°	10636.4	10359.8	10082.1	9690.4	9297.5	8944.1	8529.3	8143.0	7813.7	7442.8	7071.9
10°	10672.6	10257.7	9841.8	9332.6	8822.3	8393.2	7915.8	7486.7	7091.6	6665.8	6238.9
12.5°	10503.6	10062.4	9620.1	9059.3	8497.5	8010.2	7496.6	7015.9	6578.0	6109.4	5639.7
15°	10145.8	9793.5	9440.1	8914.5	8388.8	7897.2	7398.9	6829.3	6334.4	5854.8	5374.1
17.5°	9666.2	9499.4	9331.5	8951.8	8571.0	8145.2	7662.3	6994.0	6414.5	5893.2	5372.0
20°	9202.0	9263.5	9323.8	9172.4	9020.9	8679.6	8258.2	7507.6	6767.9	6086.4	5403.8
22.5°	8808.0	9103.2	9397.3	9514.8	9631.1	9425.9	9096.7	8228.6	7249.7	6359.6	5469.6
25°	8522.7	9012.1	9501.6	9892.3	10281.9	10190.8	9937.3	9104.3	7888.4	6753.6	5617.8
27.5°	8451.4	9051.7	9652.0	10257.7	10862.4	10946.9	10876.7	10027.3	8650.0	7243.1	5835.1
30°	8563.3	9171.3	9778.2	10515.6	11252.0	11588.9	11683.3	10796.6	9520.3	7813.7	6106.1
32.5°	8771.8	9367.7	9963.6	10766.9	11569.2	12078.4	12379.1	11500.0	10127.1	8243.9	6359.6
35°	9108.7	9666.2	10223.7	11060.0	11896.2	12554.7	13103.4	12226.5	10666.0	8544.6	6422.2
37.5°	9699.1	10178.7	10658.3	11430.9	12202.4	13056.2	13880.4	13026.6	11248.7	8834.4	6418.9
40°	10591.4	10930.5	11268.5	11921.5	12573.3	13647.7	14760.5	13918.8	11892.9	9148.2	6403.5
42.5°	11703.1	11877.6	12051.0	12567.8	13084.7	14265.6	15559.5	14791.2	12507.5	9440.1	6372.8
45°	12856.5	12902.6	12948.7	13274.6	13599.4	14755.0	16103.8	15446.4	13044.1	9693.7	6342.1
47.5°	14048.3	13890.3	13732.2	13861.7	13991.2	15130.4	16492.3	15943.6	13583.0	9974.6	6365.1
50°	15346.6	14906.5	14466.4	14398.4	14330.3	15505.7	16949.9	16575.7	14230.5	10383.9	6537.4
52.5°	16665.7	15940.3	15214.9	14946.0	14676.0	15953.4	17556.8	17362.5	15154.5	11018.3	6880.9
55°	17875.0	16952.1	16029.2	15667.0	15304.9	16638.2	18297.6	18518.1	16338.6	11829.3	7318.8
57.5°	19050.4	18004.5	16958.7	16622.9	16287.1	17644.6	19235.9	19555.2	17534.8	12607.4	7678.8
60°	20172.0	19137.1	18101.1	17832.2	17562.3	18895.7	20249.9	20017.2	18151.6	12971.7	7790.7
62.5°	21034.6	20211.5	19388.4	19246.8	19104.2	20161.0	21029.1	19837.3	17759.8	12612.8	7465.9
65°	21397.8	20929.2	20459.5	20592.3	20724.0	21118.0	21223.3	19310.5	16528.5	11607.6	6686.7
67.5°	20354.2	20449.6	20545.1	21102.6	21659.0	21387.9	20646.1	18272.3	14775.9	10183.1	5590.3
70°	17213.3	17786.2	18357.9	19677.0	20995.1	20393.7	19099.8	16408.9	12666.6	8542.4	4417.2
72.5°	13172.5	13816.7	14459.8	16417.7	18374.4	17820.2	16235.5	13477.6	10155.7	6821.7	3486.6
75°	9537.8	10265.4	10991.9	13151.7	15311.4	14542.1	12144.2	9649.8	7713.9	5207.3	2699.7
77.5°	6794.2	7281.5	7768.8	9902.2	12034.5	10781.2	8083.7	6493.5	5339.0	3619.3	1898.6
80°	5449.9	5300.6	5151.4	6339.9	7528.4	7319.9	5346.7	4170.3	3695.1	2425.3	1155.6
82.5°	4445.7	4081.4	3717.0	4276.7	4836.4	4805.7	3710.4	3059.7	2750.2	1685.7	621.1
85°	3256.1	3110.1	2964.2	3459.1	3954.1	3531.6	2513.1	1944.7	2144.4	1241.2	338.0
87.5°	1588.0	1814.1	2039.0	2622.9	3205.6	2406.7	762.7	377.5	522.4	343.5	163.5
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: P320232
 CATALOG NUMBER: GAN-SA8A-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: P320232

CATALOG NUMBER: GAN-SA8A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	8551.2	8461.2	8359.2	8257.1	8140.8	8023.4	7954.2	7884.0	7808.3	7732.5	7646.9
5°	7831.3	7642.5	7428.5	7214.5	7002.7	6790.9	6676.8	6562.7	6442.0	6320.1	6214.8
7.5°	6797.5	6522.1	6225.8	5928.4	5665.0	5400.5	5237.0	5072.4	4923.1	4772.8	4646.5
10°	5887.7	5536.6	5239.2	4940.7	4742.0	4543.4	4393.0	4242.7	4097.8	3951.9	3812.5
12.5°	5288.5	4937.4	4748.6	4559.8	4395.2	4230.6	4057.2	3882.7	3684.1	3484.4	3338.4
15°	5054.8	4735.4	4525.8	4315.1	4094.5	3872.9	3660.0	3447.0	3212.2	2977.3	2811.6
17.5°	4953.8	4535.7	4242.7	3948.6	3657.8	3366.9	3120.0	2873.1	2616.3	2359.5	2191.6
20°	4847.4	4291.0	3898.1	3504.1	3131.0	2757.9	2478.0	2198.2	1968.8	1739.4	1611.0
22.5°	4750.8	4030.9	3538.1	3044.3	2603.1	2161.9	1887.6	1612.1	1471.7	1331.2	1279.6
25°	4711.3	3803.7	3197.9	2592.1	2126.8	1660.4	1465.1	1269.7	1216.0	1161.1	1134.7
27.5°	4717.9	3600.7	2911.5	2221.2	1802.0	1382.8	1248.9	1115.0	1082.1	1048.1	1031.6
30°	4743.1	3380.1	2641.5	1903.0	1557.3	1211.6	1124.9	1037.1	1002.0	966.8	946.0
32.5°	4771.7	3182.6	2433.0	1682.4	1400.3	1117.2	1045.9	973.4	939.4	905.4	884.5
35°	4722.3	3021.2	2290.4	1559.5	1299.4	1038.2	977.8	916.4	879.0	841.7	822.0
37.5°	4638.9	2858.8	2179.5	1499.1	1233.5	966.8	922.9	877.9	839.5	800.0	781.4
40°	4563.1	2721.6	2097.2	1471.7	1197.3	921.8	884.5	847.2	807.7	767.1	745.2
42.5°	4501.7	2629.5	2016.0	1402.5	1164.4	925.1	872.5	818.7	780.3	741.9	717.7
45°	4455.6	2569.1	1952.3	1335.6	1133.7	931.7	864.8	797.8	759.4	719.9	691.4
47.5°	4451.2	2537.3	1907.3	1277.4	1075.5	872.5	845.0	817.6	761.6	704.6	671.6
50°	4511.6	2485.7	1854.7	1222.5	1019.5	816.5	853.8	890.0	794.5	698.0	656.3
52.5°	4637.8	2394.6	1771.3	1147.9	951.5	753.9	812.1	869.2	786.9	703.5	649.7
55°	4790.3	2260.7	1645.1	1028.3	861.5	693.6	745.2	795.6	744.1	691.4	626.6
57.5°	4885.8	2091.7	1485.9	880.1	760.5	640.9	670.5	699.1	678.2	657.4	591.5
60°	4828.7	1866.7	1307.0	746.3	671.6	597.0	591.5	584.9	615.7	646.4	570.7
62.5°	4550.0	1634.1	1149.0	663.9	608.0	550.9	538.8	525.7	576.2	625.5	545.4
65°	4079.2	1471.7	1049.1	626.6	564.1	501.5	488.4	475.2	490.6	505.9	468.6
67.5°	3481.1	1371.8	992.1	612.4	536.6	459.8	444.5	429.1	425.8	422.5	409.3
70°	2864.3	1310.3	954.8	599.2	507.0	413.7	399.5	385.2	380.8	375.3	365.4
72.5°	2394.6	1302.7	950.4	598.1	482.9	367.6	354.5	341.3	335.8	329.2	321.5
75°	1961.1	1222.5	902.1	581.6	449.9	317.2	305.1	293.0	288.6	283.1	276.6
77.5°	1455.2	1011.8	758.3	504.8	385.2	265.6	253.5	240.3	239.2	237.0	231.6
80°	943.8	732.0	542.1	352.3	280.9	208.5	198.6	187.7	188.8	189.9	185.5
82.5°	524.6	426.9	331.4	235.9	192.1	148.2	143.8	138.3	141.6	143.8	138.3
85°	276.6	215.1	177.8	140.5	110.8	81.2	81.2	80.1	84.5	88.9	84.5
87.5°	119.6	75.7	64.7	52.7	29.6	5.5	6.6	6.6	8.8	11.0	9.9
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: P320232
 CATALOG NUMBER: GAN-SA8A-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: P320232

CATALOG NUMBER: GAN-SA8A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	7560.2	7480.1	7398.9	7310.0	7326.5	7258.4	7190.4	7147.6	7104.8	7091.6	7078.5
5°	6109.4	6018.3	5926.2	5843.8	5915.2	5866.9	5818.6	5812.0	5804.3	5804.3	5803.2
7.5°	4520.3	4422.7	4323.9	4255.9	4326.1	4317.3	4308.5	4355.7	4402.9	4441.3	4478.6
10°	3673.1	3554.6	3435.0	3334.0	3316.5	3266.0	3214.4	3225.4	3235.2	3276.9	3318.6
12.5°	3192.4	3050.9	2909.3	2790.8	2737.0	2653.6	2569.1	2516.4	2463.7	2469.2	2473.6
15°	2644.8	2507.6	2369.4	2267.3	2233.3	2168.5	2103.8	2037.9	1971.0	1943.6	1915.0
17.5°	2022.6	1912.8	1802.0	1733.9	1733.9	1715.3	1696.6	1663.7	1629.7	1602.3	1573.7
20°	1482.6	1424.5	1365.2	1336.7	1345.5	1346.6	1346.6	1363.0	1379.5	1370.7	1361.9
22.5°	1226.9	1206.1	1185.2	1173.2	1177.5	1178.6	1179.7	1195.1	1209.4	1220.3	1230.2
25°	1107.3	1094.1	1081.0	1076.6	1086.5	1087.6	1087.6	1097.4	1107.3	1118.3	1129.3
27.5°	1014.0	1008.5	1003.1	995.4	1005.3	1005.3	1004.2	1015.1	1025.0	1034.9	1043.7
30°	925.1	927.3	928.4	926.2	932.8	937.2	940.5	948.2	954.8	962.5	970.1
32.5°	862.6	859.3	856.0	853.8	868.1	875.8	883.4	891.1	897.7	901.0	904.3
35°	802.2	794.5	786.9	781.4	794.5	804.4	814.3	828.6	841.7	843.9	846.1
37.5°	761.6	751.7	741.9	735.3	740.8	745.2	749.5	764.9	780.3	789.1	796.7
40°	723.2	713.3	703.5	698.0	701.3	702.4	703.5	711.1	717.7	734.2	749.5
42.5°	692.5	680.4	668.3	661.8	663.9	666.1	667.2	666.1	665.0	680.4	695.8
45°	661.8	648.6	635.4	627.7	628.8	628.8	628.8	626.6	623.3	631.0	638.7
47.5°	637.6	622.2	606.9	599.2	597.0	594.8	592.6	591.5	589.3	594.8	599.2
50°	613.5	597.0	579.4	570.7	565.2	563.0	560.8	559.7	557.5	563.0	567.4
52.5°	594.8	575.1	555.3	541.0	535.5	532.3	529.0	530.1	530.1	532.3	533.4
55°	561.9	544.3	525.7	515.8	505.9	503.7	501.5	504.8	507.0	507.0	507.0
57.5°	525.7	509.2	491.7	485.1	476.3	476.3	475.2	479.6	482.9	485.1	487.3
60°	493.8	475.2	456.5	451.0	447.8	446.7	445.6	451.0	455.4	459.8	464.2
62.5°	464.2	444.5	424.7	418.1	417.0	418.1	418.1	423.6	428.0	432.4	436.8
65°	431.3	411.5	390.7	384.1	386.3	389.6	392.9	397.3	400.6	405.0	409.3
67.5°	395.1	378.6	361.1	354.5	355.6	360.0	364.3	367.6	369.8	374.2	378.6
70°	355.6	341.3	327.0	322.6	321.5	327.0	331.4	333.6	335.8	341.3	345.7
72.5°	312.8	300.7	288.6	285.3	286.4	289.7	293.0	296.3	298.5	304.0	308.4
75°	268.9	257.9	246.9	244.7	246.9	250.2	253.5	255.7	257.9	264.5	270.0
77.5°	226.1	214.0	200.8	199.7	203.0	206.3	208.5	211.8	215.1	223.9	232.7
80°	181.1	167.9	153.6	152.5	155.8	159.1	162.4	165.7	169.0	180.0	189.9
82.5°	132.8	117.4	102.1	99.9	110.8	114.1	117.4	122.9	127.3	137.2	147.1
85°	80.1	64.7	49.4	48.3	58.2	63.7	69.1	75.7	81.2	90.0	98.8
87.5°	8.8	4.4	0.0	0.0	1.1	5.5	9.9	15.4	20.9	29.6	37.3
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: P320232
 CATALOG NUMBER: GAN-SA8A-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: P320232

CATALOG NUMBER: GAN-SA8A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	7030.2	6980.8	7031.3	7080.7	7101.5	7122.4	7068.6	7013.7	7099.3	7183.8	7205.8
5°	5759.3	5714.4	5748.4	5781.3	5707.8	5634.2	5626.6	5617.8	5681.4	5745.1	5755.0
7.5°	4464.4	4450.1	4481.9	4513.8	4420.5	4326.1	4280.0	4233.9	4249.3	4264.6	4262.4
10°	3328.5	3337.3	3376.8	3415.2	3342.8	3270.4	3238.5	3206.7	3241.8	3275.8	3307.7
12.5°	2493.4	2512.0	2553.7	2594.3	2564.7	2534.0	2537.3	2540.6	2581.2	2620.7	2655.8
15°	1937.0	1958.9	1988.6	2017.1	2018.2	2018.2	2046.7	2074.2	2070.9	2067.6	2091.7
17.5°	1603.4	1631.9	1635.2	1638.5	1639.6	1640.7	1638.5	1636.3	1619.8	1603.4	1622.0
20°	1372.9	1382.8	1391.5	1399.2	1389.4	1378.4	1350.9	1323.5	1312.5	1301.6	1319.1
22.5°	1248.9	1266.4	1257.7	1247.8	1228.0	1207.2	1186.3	1164.4	1163.3	1161.1	1171.0
25°	1144.6	1158.9	1143.5	1128.2	1113.9	1099.6	1085.4	1071.1	1070.0	1068.9	1073.3
27.5°	1057.9	1071.1	1056.8	1042.6	1030.5	1018.4	1007.4	996.5	994.3	992.1	993.2
30°	983.3	995.4	983.3	970.1	961.4	951.5	943.8	936.1	935.0	933.9	933.9
32.5°	916.4	928.4	919.7	910.9	903.2	895.5	890.0	884.5	879.0	873.6	861.5
35°	858.2	870.3	864.8	858.2	849.4	840.6	830.8	819.8	805.5	790.2	783.6
37.5°	808.8	820.9	815.4	809.9	797.8	785.8	768.2	749.5	745.2	739.7	738.6
40°	769.3	788.0	777.0	764.9	746.3	727.6	718.8	710.0	707.8	705.7	703.5
42.5°	725.4	753.9	734.2	714.4	696.9	679.3	677.1	674.9	673.8	672.7	672.7
45°	670.5	701.3	681.5	660.7	650.8	640.9	640.9	640.9	642.0	642.0	644.2
47.5°	619.0	637.6	627.7	617.9	612.4	606.9	608.0	609.1	612.4	614.6	620.1
50°	575.1	581.6	583.8	584.9	581.6	578.3	580.5	581.6	584.9	587.1	591.5
52.5°	543.2	553.1	553.1	552.0	552.0	552.0	554.2	556.4	559.7	563.0	567.4
55°	522.4	536.6	532.3	527.9	529.0	529.0	531.2	533.4	536.6	538.8	545.4
57.5°	502.6	518.0	513.6	509.2	509.2	509.2	510.3	511.4	514.7	516.9	521.3
60°	479.6	494.9	490.6	485.1	486.2	487.3	488.4	488.4	490.6	491.7	491.7
62.5°	452.1	467.5	463.1	457.6	460.9	463.1	463.1	463.1	465.3	466.4	463.1
65°	423.6	437.9	433.5	429.1	433.5	436.8	439.0	440.1	439.0	437.9	434.6
67.5°	392.9	407.1	402.8	397.3	402.8	407.1	411.5	414.8	411.5	408.2	403.9
70°	360.0	374.2	368.7	363.3	368.7	374.2	378.6	383.0	378.6	374.2	373.1
72.5°	324.8	341.3	334.7	328.1	334.7	341.3	343.5	345.7	342.4	339.1	336.9
75°	286.4	302.9	297.4	290.8	296.3	301.8	302.9	304.0	304.0	302.9	296.3
77.5°	245.8	259.0	255.7	252.4	255.7	259.0	259.0	259.0	260.1	260.1	251.3
80°	197.5	205.2	206.3	207.4	208.5	209.6	208.5	207.4	205.2	203.0	197.5
82.5°	147.1	147.1	155.8	163.5	163.5	162.4	161.3	159.1	154.7	149.3	137.2
85°	93.3	87.8	102.1	115.2	115.2	114.1	111.9	108.6	99.9	90.0	80.1
87.5°	31.8	26.3	40.6	54.9	56.0	56.0	53.8	51.6	42.8	32.9	25.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320232
 CATALOG NUMBER: GAN-SA8A-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: P320232

CATALOG NUMBER: GAN-SA8A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	7238.7	7253.0	7266.1	7373.7	7480.1	7605.2	7730.3	7825.8	7920.2	8017.9	8115.5
5°	5789.0	5806.5	5824.1	5954.7	6084.2	6258.7	6433.2	6583.5	6733.9	6910.6	7087.2
7.5°	4291.0	4329.4	4366.7	4506.1	4644.4	4832.0	5018.6	5215.0	5410.4	5640.8	5871.3
10°	3370.2	3442.7	3514.0	3656.7	3799.3	3984.8	4169.2	4374.4	4579.6	4806.8	5032.8
12.5°	2728.2	2824.8	2920.3	3091.5	3262.7	3484.4	3704.9	3933.2	4160.4	4360.1	4559.8
15°	2155.4	2260.7	2365.0	2546.1	2727.1	2970.8	3213.3	3462.4	3710.4	3949.7	4188.9
17.5°	1681.3	1768.0	1853.6	2007.2	2159.8	2395.7	2631.7	2892.8	3154.0	3446.0	3736.8
20°	1356.4	1392.6	1428.9	1539.7	1649.4	1841.5	2032.5	2299.1	2565.8	2914.8	3263.8
22.5°	1188.5	1207.2	1224.7	1278.5	1331.2	1455.2	1578.1	1814.1	2048.9	2429.7	2809.4
25°	1087.6	1101.8	1116.1	1151.2	1186.3	1245.6	1304.9	1470.6	1636.3	2010.5	2383.6
27.5°	996.5	1018.4	1039.3	1055.7	1071.1	1111.7	1151.2	1259.9	1368.5	1717.5	2065.4
30°	930.6	938.3	946.0	971.2	995.4	1037.1	1078.8	1154.5	1230.2	1525.4	1819.5
32.5°	853.8	864.8	875.8	902.1	928.4	966.8	1005.3	1066.7	1127.1	1379.5	1630.8
35°	784.7	795.6	806.6	833.0	858.2	899.9	940.5	992.1	1042.6	1262.1	1481.5
37.5°	741.9	752.8	763.8	786.9	808.8	850.5	891.1	931.7	971.2	1174.3	1377.3
40°	705.7	716.6	727.6	749.5	770.4	811.0	850.5	884.5	918.6	1108.4	1298.3
42.5°	673.8	685.9	698.0	719.9	740.8	777.0	813.2	858.2	902.1	1051.3	1199.5
45°	647.5	659.6	670.5	694.7	718.8	753.9	789.1	851.6	914.2	1021.7	1129.3
47.5°	623.3	636.5	648.6	674.9	701.3	745.2	788.0	840.6	892.2	998.7	1105.1
50°	600.3	615.7	631.0	662.9	693.6	767.1	839.5	847.2	853.8	980.0	1105.1
52.5°	578.3	595.9	613.5	653.0	691.4	777.0	862.6	835.1	806.6	944.9	1083.2
55°	556.4	571.8	586.0	634.3	682.6	745.2	807.7	771.5	734.2	879.0	1023.9
57.5°	526.8	543.2	558.6	610.2	661.8	705.7	748.5	715.5	681.5	804.4	926.2
60°	496.0	514.7	533.4	599.2	663.9	656.3	647.5	640.9	633.2	721.0	808.8
62.5°	468.6	488.4	508.1	593.7	679.3	626.6	574.0	579.4	583.8	648.6	713.3
65°	441.2	460.9	479.6	522.4	565.2	544.3	523.5	532.3	539.9	603.6	667.2
67.5°	410.4	428.0	444.5	458.7	473.0	475.2	477.4	486.2	494.9	570.7	645.3
70°	376.4	390.7	405.0	414.8	423.6	428.0	431.3	442.3	453.2	535.5	617.9
72.5°	338.0	350.1	361.1	369.8	378.6	381.9	384.1	395.1	406.1	493.8	581.6
75°	296.3	306.2	315.0	322.6	330.3	334.7	339.1	346.8	354.5	449.9	544.3
77.5°	250.2	260.1	268.9	275.5	280.9	285.3	288.6	298.5	308.4	388.5	467.5
80°	195.3	207.4	218.4	223.9	228.3	229.4	229.4	238.1	246.9	304.0	360.0
82.5°	138.3	151.4	163.5	167.9	172.3	172.3	172.3	182.2	192.1	230.5	267.8
85°	81.2	95.5	108.6	113.0	117.4	119.6	120.7	125.1	128.4	155.8	182.2
87.5°	25.2	37.3	48.3	50.5	52.7	57.1	61.5	62.6	62.6	81.2	99.9
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: P320232
 CATALOG NUMBER: GAN-SA8A-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°	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5	8362.5
2.5°	8227.5	8339.4	8470.0	8599.5	8710.4	8821.2	8913.4
5°	7312.2	7537.2	7812.7	8087.0	8331.7	8576.5	8860.7
7.5°	6162.1	6452.9	6809.6	7166.3	7512.0	7856.5	8293.3
10°	5329.2	5624.4	6001.9	6378.3	6766.8	7154.2	7648.0
12.5°	4800.2	5039.4	5404.9	5770.3	6226.9	6682.3	7157.5
15°	4451.2	4712.4	5068.0	5423.5	5922.9	6422.2	6968.7
17.5°	4079.2	4420.5	4875.9	5331.3	5922.9	6513.3	7157.5
20°	3689.6	4114.3	4704.7	5295.1	6091.9	6887.5	7709.5
22.5°	3301.1	3792.7	4550.0	5306.1	6347.6	7387.9	8497.5
25°	2951.0	3518.4	4455.6	5391.7	6719.6	8046.4	9422.6
27.5°	2685.4	3304.4	4417.2	5528.9	7191.5	8854.1	10428.9
30°	2449.5	3079.4	4371.1	5662.8	7645.8	9627.8	11215.8
32.5°	2245.4	2859.9	4282.2	5703.4	7963.0	10222.6	11881.9
35°	2085.1	2688.7	4132.9	5577.2	8161.6	10746.1	12575.5
37.5°	1946.9	2516.4	3962.8	5409.3	8338.3	11267.4	13355.8
40°	1815.2	2332.1	3816.9	5300.6	8582.0	11863.3	14180.0
42.5°	1690.1	2180.6	3699.5	5218.3	8808.0	12396.6	14901.0
45°	1596.8	2064.3	3595.2	5125.0	8954.0	12782.9	15444.2
47.5°	1550.7	1995.1	3539.2	5082.2	9099.9	13116.6	15895.3
50°	1544.1	1983.1	3602.9	5222.7	9416.0	13608.2	16411.1
52.5°	1543.0	2002.8	3786.2	5569.5	10003.1	14435.7	16969.7
55°	1519.9	2014.9	4004.5	5993.1	10791.1	15588.0	17973.8
57.5°	1449.7	1973.2	4229.5	6484.8	11624.0	16762.2	19105.3
60°	1341.1	1872.2	4415.0	6956.7	12183.7	17409.7	19541.0
62.5°	1205.0	1695.5	4476.4	7256.3	12168.4	17080.5	19102.0
65°	1088.7	1510.1	4274.5	7037.9	11552.7	16066.5	18233.9
67.5°	985.5	1324.6	3769.7	6213.7	10445.4	14676.0	17129.9
70°	910.9	1202.8	3118.9	5035.0	9059.3	13082.5	15851.4
72.5°	863.7	1144.6	2542.8	3939.8	7351.7	10762.6	13558.8
75°	798.9	1053.5	1995.1	2935.6	5626.6	8317.5	10241.3
77.5°	678.2	887.8	1503.5	2119.1	4128.6	6136.9	7122.4
80°	523.5	685.9	1033.8	1381.7	2841.3	4300.9	4856.2
82.5°	373.1	478.5	626.6	774.8	1887.6	2999.3	3045.4
85°	230.5	278.7	358.9	439.0	1248.9	2058.8	1715.3
87.5°	124.0	148.2	189.9	230.5	399.5	568.5	327.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)