

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: P320711

Luminaire Tested: **GAN-SA7A-760-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320711
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-760-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 5700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28967 lumens
Efficiency: N/A
Efficacy: 128.2 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

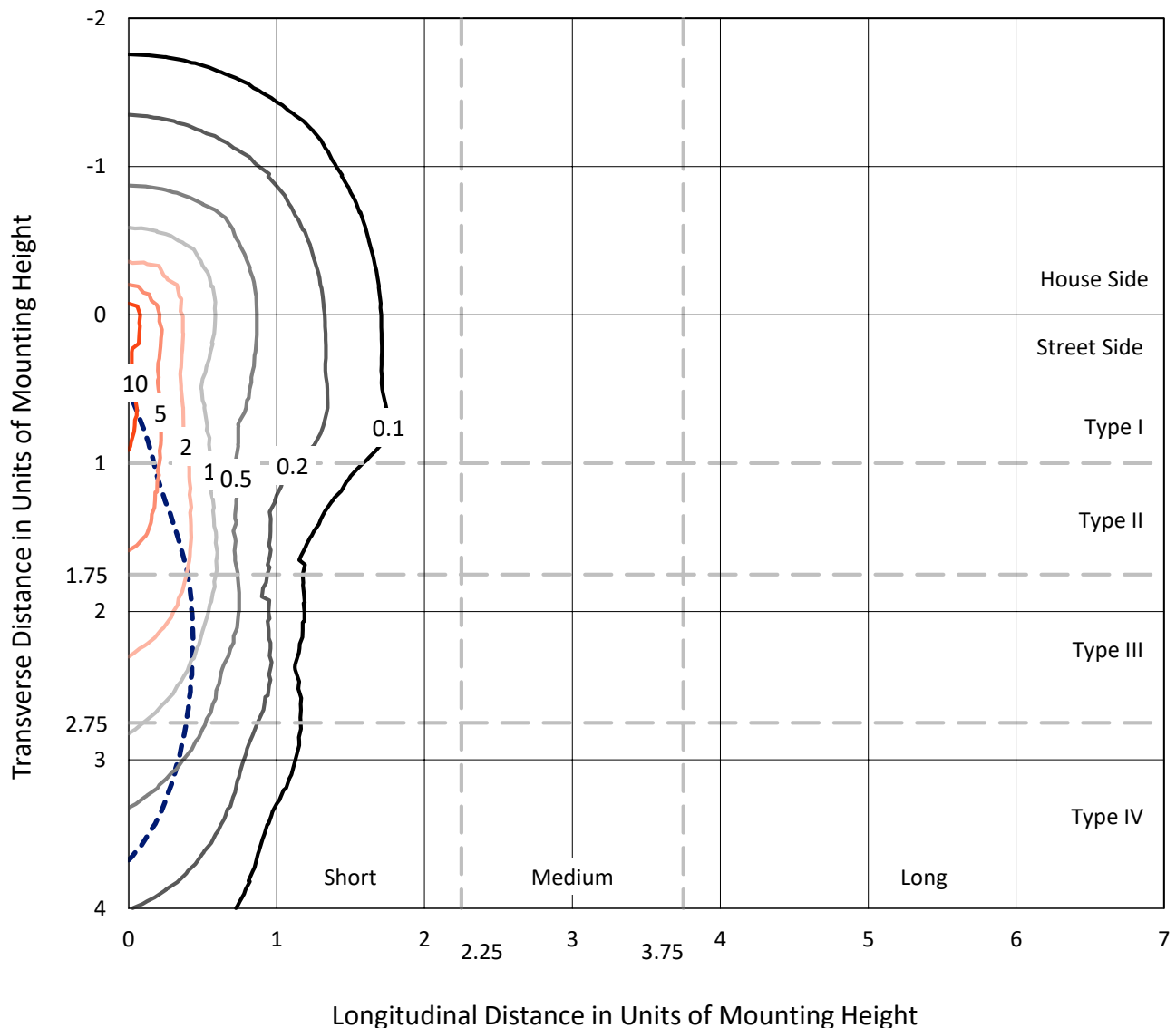
Input Watts (W): 226
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

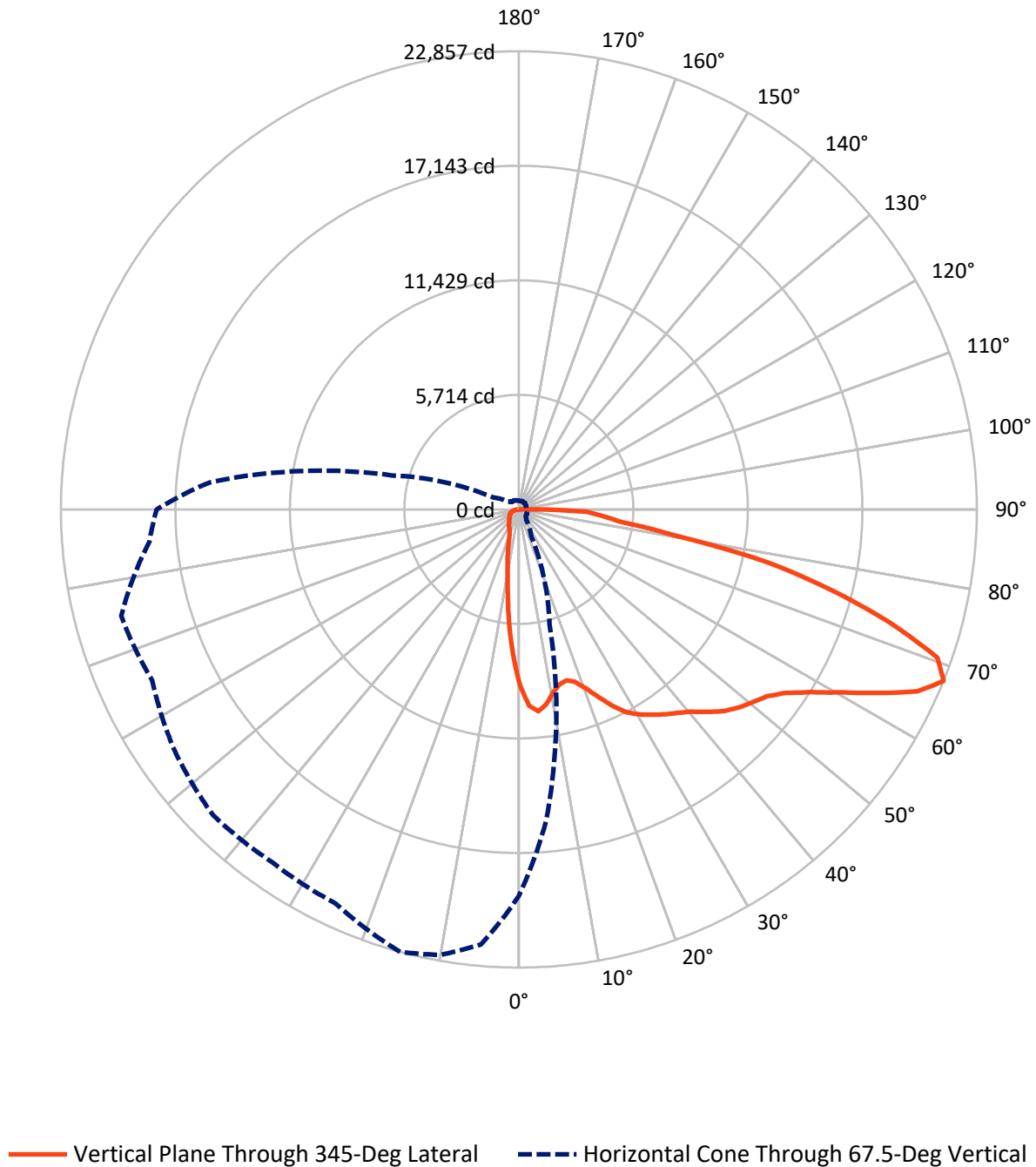
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.1 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5007.8	0.0	5007.8
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	23959.2	0.0	23959.2
	% Fixture	82.7	0.0	82.7
Total	Lumens	28967.0	0.0	28967.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	681.1	2.4
10°-20°	1414.9	4.9
20°-30°	2012.3	6.9
30°-40°	2899.7	10.0
40°-50°	4086.5	14.1
50°-60°	5680.9	19.6
60°-70°	6869.9	23.7
70°-80°	4222.8	14.6
80°-90°	1098.8	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°	28967.0	100.0
0°-180°	28967.0	100.0

Coefficient of Utilization



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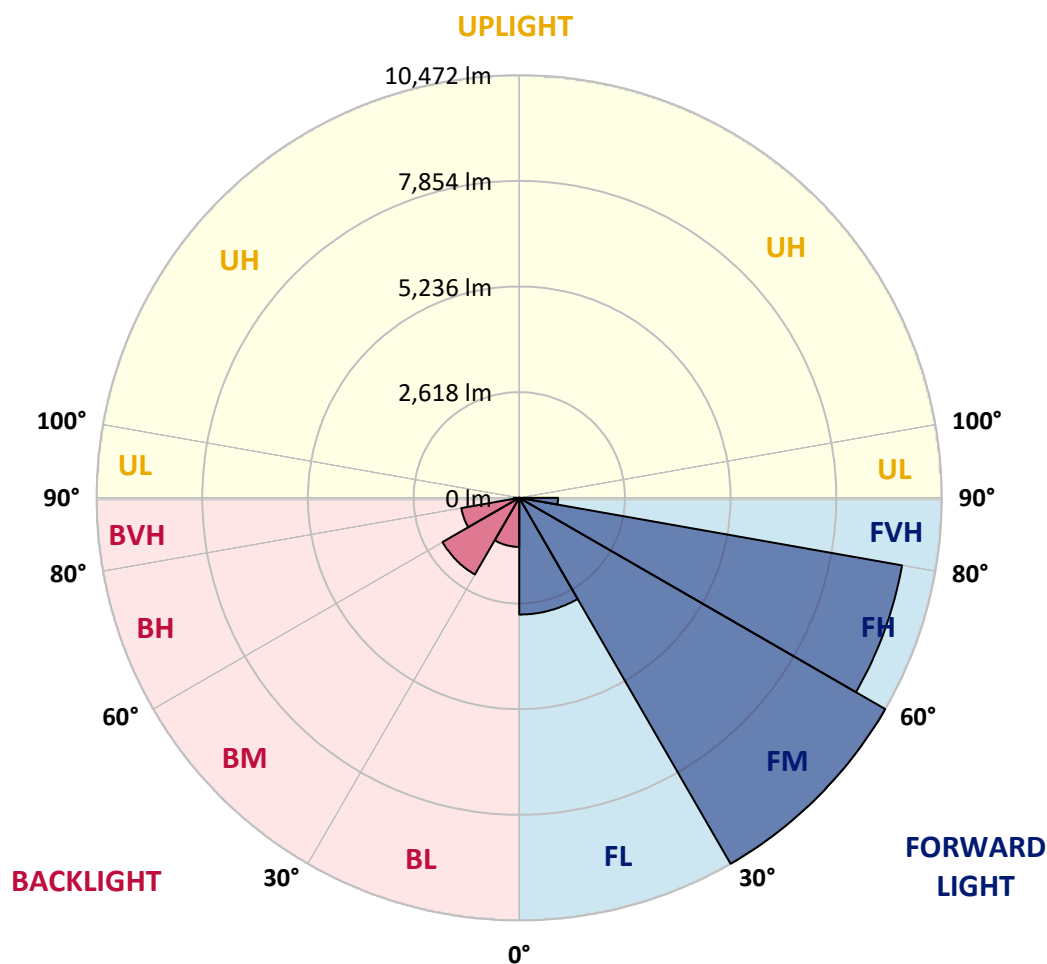
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2892.4	10.0			
FM	(30°-60°)	10472.3	36.2			
FH	(60°-80°)	9633.4	33.3			G4/12000
FVH	(80°-90°)	961.1	3.3			G5
BL	(0°-30°)	1215.8	4.2	B3/2500		
BM	(30°-60°)	2194.8	7.6	B2/2500		
BH	(60°-80°)	1459.3	5.0	B3/2500		G3/2500
BVH	(80°-90°)	137.7	0.5			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 IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0
2.5°	9453.9	9370.5	9244.2	9118.0	9024.2	8929.2	8821.5	8713.8	8591.1	8467.1	8394.2
5°	9297.5	9065.9	8764.8	8463.7	8264.5	8065.3	7839.4	7613.6	7390.1	7166.5	7046.1
7.5°	8593.4	8245.9	7854.5	7463.0	7173.5	6882.8	6570.1	6256.3	5978.3	5699.2	5526.6
10°	7900.8	7483.9	7034.5	6584.0	6213.4	5842.8	5528.9	5213.9	5004.3	4794.7	4636.0
12.5°	7404.0	6941.9	6447.3	5951.7	5581.1	5210.5	5011.3	4812.1	4638.3	4464.6	4281.6
15°	7207.1	6684.8	6178.7	5671.4	5334.4	4997.4	4776.2	4553.8	4321.0	4087.1	3862.4
17.5°	7380.8	6769.3	6219.2	5669.1	5227.8	4786.6	4477.4	4167.0	3860.1	3553.2	3292.6
20°	7922.8	7142.2	6423.0	5702.7	5115.5	4528.3	4113.7	3697.9	3304.2	2910.4	2615.1
22.5°	8683.7	7650.6	6711.4	5772.2	5013.6	4253.8	3733.8	3212.7	2747.1	2281.5	1992.0
25°	9607.9	8324.7	7127.2	5928.5	4971.9	4014.1	3374.8	2735.5	2244.5	1752.3	1546.1
27.5°	10581.9	9128.4	7643.7	6157.8	4978.8	3799.8	3072.5	2344.1	1901.7	1459.3	1318.0
30°	11393.7	10046.8	8245.9	6443.9	5005.5	3567.1	2787.6	2008.2	1643.4	1278.6	1187.1
32.5°	12136.1	10687.3	8699.9	6711.4	5035.6	3358.6	2567.6	1775.4	1477.8	1179.0	1103.7
35°	12902.8	11255.9	9017.2	6777.4	4983.5	3188.3	2417.0	1645.7	1371.2	1095.6	1031.9
37.5°	13747.1	11870.9	9323.0	6773.9	4895.4	3016.9	2300.1	1582.0	1301.7	1020.3	974.0
40°	14688.6	12550.7	9654.2	6757.7	4815.5	2872.2	2213.2	1553.1	1263.5	972.8	933.5
42.5°	15609.4	13199.3	9962.3	6725.3	4750.7	2774.9	2127.5	1480.1	1228.8	976.3	920.7
45°	16300.8	13765.6	10229.8	6692.9	4702.0	2711.2	2060.3	1409.5	1196.4	983.3	912.6
47.5°	16825.4	14334.3	10526.3	6717.2	4697.4	2677.6	2012.8	1348.1	1135.0	920.7	891.8
50°	17492.5	15017.6	10958.3	6899.0	4761.1	2623.2	1957.3	1290.2	1075.9	861.7	901.0
52.5°	18322.9	15992.7	11627.7	7261.5	4894.3	2527.1	1869.2	1211.4	1004.1	795.6	857.0
55°	19542.4	17242.3	12483.5	7723.6	5055.3	2385.8	1736.0	1085.2	909.1	731.9	786.4
57.5°	20636.8	18504.7	13304.7	8103.5	5156.0	2207.4	1568.1	928.8	802.6	676.4	707.6
60°	21124.4	19155.6	13689.2	8221.6	5095.8	1970.0	1379.3	787.5	708.8	630.0	624.2
62.5°	20934.5	18742.1	13310.5	7878.8	4801.6	1724.5	1212.6	700.7	641.6	581.4	568.6
65°	20378.6	17442.7	12249.6	7056.5	4304.8	1553.1	1107.2	661.3	595.3	529.3	515.4
67.5°	19283.0	15593.1	10746.3	5899.5	3673.6	1447.7	1047.0	646.2	566.3	485.3	469.0
70°	17316.5	13367.2	9014.9	4661.5	3022.7	1382.8	1007.6	632.3	535.1	436.6	421.6
72.5°	14223.1	10717.4	7199.0	3679.4	2527.1	1374.7	1002.9	631.2	509.6	388.0	374.1
75°	10183.5	8140.5	5495.4	2849.0	2069.6	1290.2	952.0	613.8	474.8	334.7	322.0
77.5°	6852.7	5634.3	3819.5	2003.6	1535.7	1067.8	800.3	532.7	406.5	280.3	267.5
80°	4400.9	3899.4	2559.5	1219.5	996.0	772.5	572.1	371.8	296.5	220.0	209.6
82.5°	3228.9	2902.3	1778.9	655.5	553.6	450.5	349.8	249.0	202.7	156.3	151.7
85°	2052.2	2263.0	1309.9	356.7	291.9	227.0	187.6	148.2	117.0	85.7	85.7
87.5°	398.4	551.3	362.5	172.6	126.2	79.9	68.3	55.6	31.3	5.8	6.9
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



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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°	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0
2.5°	8320.0	8240.1	8160.2	8069.9	7978.4	7893.9	7808.2	7714.3	7731.7	7659.9	7588.1
5°	6925.7	6798.3	6669.7	6558.5	6447.3	6351.2	6253.9	6167.1	6242.4	6191.4	6140.4
7.5°	5352.9	5195.4	5036.7	4903.5	4770.4	4667.3	4563.1	4491.3	4565.4	4556.1	4546.8
10°	4477.4	4324.5	4170.4	4023.4	3876.3	3751.2	3625.0	3518.4	3499.9	3446.6	3392.2
12.5°	4097.5	3887.9	3677.1	3523.1	3369.0	3219.6	3070.2	2945.1	2888.4	2800.4	2711.2
15°	3637.7	3389.9	3142.0	2967.1	2791.1	2646.3	2500.4	2392.7	2356.8	2288.5	2220.1
17.5°	3032.0	2761.0	2490.0	2312.8	2134.4	2018.6	1901.7	1829.9	1829.9	1810.2	1790.5
20°	2319.7	2077.7	1835.6	1700.1	1564.6	1503.3	1440.7	1410.6	1419.9	1421.0	1421.0
22.5°	1701.3	1553.1	1404.8	1350.4	1294.8	1272.8	1250.8	1238.0	1242.7	1243.8	1245.0
25°	1340.0	1283.2	1225.3	1197.5	1168.6	1154.7	1140.8	1136.1	1146.6	1147.7	1147.7
27.5°	1176.7	1141.9	1106.0	1088.6	1070.1	1064.3	1058.5	1050.4	1060.9	1060.9	1059.7
30°	1094.4	1057.4	1020.3	998.3	976.3	978.6	979.8	977.5	984.4	989.0	992.5
32.5°	1027.3	991.4	955.5	933.5	910.3	906.8	903.3	901.0	916.1	924.2	932.3
35°	967.0	927.7	888.3	867.4	846.6	838.5	830.4	824.6	838.5	848.9	859.3
37.5°	926.5	886.0	844.3	824.6	803.7	793.3	782.9	776.0	781.7	786.4	791.0
40°	894.1	852.4	809.5	786.4	763.2	752.8	742.4	736.6	740.0	741.2	742.4
42.5°	864.0	823.4	782.9	757.4	730.8	718.0	705.3	698.4	700.7	703.0	704.1
45°	842.0	801.4	759.7	729.6	698.4	684.5	670.6	662.5	663.6	663.6	663.6
47.5°	862.8	803.7	743.5	708.8	672.9	656.7	640.4	632.3	630.0	627.7	625.4
50°	939.2	838.5	736.6	692.6	647.4	630.0	611.5	602.2	596.4	594.1	591.8
52.5°	917.2	830.4	742.4	685.6	627.7	606.9	586.0	571.0	565.2	561.7	558.2
55°	839.6	785.2	729.6	661.3	593.0	574.4	554.7	544.3	533.9	531.6	529.3
57.5°	737.7	715.7	693.7	624.2	554.7	537.4	518.8	511.9	502.6	502.6	501.5
60°	617.3	649.7	682.1	602.2	521.2	501.5	481.8	476.0	472.5	471.4	470.2
62.5°	554.7	608.0	660.1	575.6	489.9	469.0	448.2	441.2	440.1	441.2	441.2
65°	501.5	517.7	533.9	494.5	455.1	434.3	412.3	405.3	407.7	411.1	414.6
67.5°	452.8	449.4	445.9	432.0	416.9	399.6	381.0	374.1	375.2	379.9	384.5
70°	406.5	401.9	396.1	385.7	375.2	360.2	345.1	340.5	339.3	345.1	349.8
72.5°	360.2	354.4	347.4	339.3	330.1	317.3	304.6	301.1	302.3	305.7	309.2
75°	309.2	304.6	298.8	291.9	283.7	272.2	260.6	258.3	260.6	264.1	267.5
77.5°	253.6	252.5	250.2	244.4	238.6	225.8	211.9	210.8	214.3	217.7	220.0
80°	198.0	199.2	200.4	195.7	191.1	177.2	162.1	161.0	164.5	167.9	171.4
82.5°	145.9	149.4	151.7	145.9	140.1	123.9	107.7	105.4	117.0	120.4	123.9
85°	84.5	89.2	93.8	89.2	84.5	68.3	52.1	51.0	61.4	67.2	73.0
87.5°	6.9	9.3	11.6	10.4	9.3	4.6	0.0	0.0	1.2	5.8	10.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320711
 CATALOG NUMBER: GAN-SA7A-760-U-SLR

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P320711

CATALOG NUMBER: GAN-SA7A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0
2.5°	7542.9	7497.8	7483.9	7470.0	7419.0	7366.9	7420.2	7472.3	7494.3	7516.3	7459.6
5°	6133.5	6125.4	6125.4	6124.2	6077.9	6030.4	6066.3	6101.1	6023.5	5945.9	5937.8
7.5°	4596.6	4646.4	4687.0	4726.4	4711.3	4696.2	4729.8	4763.4	4665.0	4565.4	4516.7
10°	3403.8	3414.2	3458.2	3502.2	3512.6	3521.9	3563.6	3604.1	3527.7	3451.2	3417.7
12.5°	2655.6	2600.0	2605.8	2610.4	2631.3	2651.0	2695.0	2737.8	2706.6	2674.1	2677.6
15°	2150.7	2080.0	2051.1	2020.9	2044.1	2067.3	2098.5	2128.7	2129.8	2129.8	2159.9
17.5°	1755.7	1719.8	1690.9	1660.8	1692.0	1722.1	1725.6	1729.1	1730.3	1731.4	1729.1
20°	1438.4	1455.8	1446.5	1437.2	1448.8	1459.3	1468.5	1476.6	1466.2	1454.6	1425.7
22.5°	1261.2	1276.3	1287.8	1298.3	1318.0	1336.5	1327.2	1316.8	1296.0	1273.9	1251.9
25°	1158.1	1168.6	1180.1	1191.7	1207.9	1223.0	1206.8	1190.6	1175.5	1160.5	1145.4
27.5°	1071.3	1081.7	1092.1	1101.4	1116.4	1130.3	1115.3	1100.2	1087.5	1074.8	1063.2
30°	1000.6	1007.6	1015.7	1023.8	1037.7	1050.4	1037.7	1023.8	1014.5	1004.1	996.0
32.5°	940.4	947.4	950.8	954.3	967.0	979.8	970.5	961.3	953.1	945.0	939.2
35°	874.4	888.3	890.6	892.9	905.7	918.4	912.6	905.7	896.4	887.1	876.7
37.5°	807.2	823.4	832.7	840.8	853.5	866.3	860.5	854.7	842.0	829.2	810.7
40°	750.5	757.4	774.8	791.0	811.9	831.5	820.0	807.2	787.5	767.8	758.6
42.5°	703.0	701.8	718.0	734.3	765.5	795.6	774.8	753.9	735.4	716.9	714.6
45°	661.3	657.8	665.9	674.0	707.6	740.0	719.2	697.2	686.8	676.4	676.4
47.5°	624.2	621.9	627.7	632.3	653.2	672.9	662.5	652.0	646.2	640.4	641.6
50°	590.6	588.3	594.1	598.8	606.9	613.8	616.1	617.3	613.8	610.3	612.7
52.5°	559.4	559.4	561.7	562.9	573.3	583.7	583.7	582.5	582.5	582.5	584.9
55°	532.7	535.1	535.1	535.1	551.3	566.3	561.7	557.1	558.2	558.2	560.5
57.5°	506.1	509.6	511.9	514.2	530.4	546.6	542.0	537.4	537.4	537.4	538.5
60°	476.0	480.6	485.3	489.9	506.1	522.3	517.7	511.9	513.1	514.2	515.4
62.5°	447.0	451.7	456.3	460.9	477.2	493.4	488.7	482.9	486.4	488.7	488.7
65°	419.2	422.7	427.4	432.0	447.0	462.1	457.5	452.8	457.5	460.9	463.3
67.5°	388.0	390.3	394.9	399.6	414.6	429.7	425.0	419.2	425.0	429.7	434.3
70°	352.1	354.4	360.2	364.8	379.9	394.9	389.1	383.3	389.1	394.9	399.6
72.5°	312.7	315.0	320.8	325.4	342.8	360.2	353.2	346.3	353.2	360.2	362.5
75°	269.8	272.2	279.1	284.9	302.3	319.6	313.9	306.9	312.7	318.5	319.6
77.5°	223.5	227.0	236.3	245.5	259.4	273.3	269.8	266.4	269.8	273.3	273.3
80°	174.9	178.4	189.9	200.4	208.5	216.6	217.7	218.9	220.0	221.2	220.0
82.5°	129.7	134.3	144.8	155.2	155.2	155.2	164.5	172.6	172.6	171.4	170.2
85°	79.9	85.7	95.0	104.2	98.4	92.7	107.7	121.6	121.6	120.4	118.1
87.5°	16.2	22.0	31.3	39.4	33.6	27.8	42.9	57.9	59.1	59.1	56.7
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: P320711
 CATALOG NUMBER: GAN-SA7A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320711

CATALOG NUMBER: GAN-SA7A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0
2.5°	7401.6	7492.0	7581.2	7604.3	7639.1	7654.1	7668.0	7781.5	7893.9	8025.9	8157.9
5°	5928.5	5995.7	6062.8	6073.3	6109.2	6127.7	6146.2	6284.0	6420.7	6604.9	6789.0
7.5°	4468.1	4484.3	4500.5	4498.2	4528.3	4568.8	4608.2	4755.3	4901.2	5099.3	5296.2
10°	3384.1	3421.1	3457.0	3490.6	3556.6	3633.1	3708.4	3858.9	4009.5	4205.2	4399.8
12.5°	2681.1	2723.9	2765.6	2802.7	2879.1	2981.0	3081.8	3262.5	3443.1	3677.1	3909.9
15°	2188.9	2185.4	2181.9	2207.4	2274.6	2385.8	2495.8	2686.9	2878.0	3135.1	3391.0
17.5°	1726.8	1709.4	1692.0	1711.7	1774.3	1865.8	1956.1	2118.2	2279.2	2528.2	2777.2
20°	1396.7	1385.1	1373.5	1392.1	1431.5	1469.7	1507.9	1624.9	1740.7	1943.4	2144.9
22.5°	1228.8	1227.6	1225.3	1235.7	1254.3	1273.9	1292.5	1349.2	1404.8	1535.7	1665.4
25°	1130.3	1129.2	1128.0	1132.7	1147.7	1162.8	1177.8	1214.9	1251.9	1314.5	1377.0
27.5°	1051.6	1049.3	1047.0	1048.1	1051.6	1074.8	1096.8	1114.1	1130.3	1173.2	1214.9
30°	987.9	986.7	985.6	985.6	982.1	990.2	998.3	1025.0	1050.4	1094.4	1138.4
32.5°	933.5	927.7	921.9	909.1	901.0	912.6	924.2	952.0	979.8	1020.3	1060.9
35°	865.1	850.1	833.9	826.9	828.1	839.6	851.2	879.0	905.7	949.7	992.5
37.5°	791.0	786.4	780.6	779.4	782.9	794.5	806.1	830.4	853.5	897.6	940.4
40°	749.3	747.0	744.7	742.4	744.7	756.3	767.8	791.0	813.0	855.9	897.6
42.5°	712.3	711.1	709.9	709.9	711.1	723.8	736.6	759.7	781.7	820.0	858.2
45°	676.4	677.5	677.5	679.8	683.3	696.0	707.6	733.1	758.6	795.6	832.7
47.5°	642.8	646.2	648.6	654.3	657.8	671.7	684.5	712.3	740.0	786.4	831.5
50°	613.8	617.3	619.6	624.2	633.5	649.7	665.9	699.5	731.9	809.5	886.0
52.5°	587.2	590.6	594.1	598.8	610.3	628.9	647.4	689.1	729.6	820.0	910.3
55°	562.9	566.3	568.6	575.6	587.2	603.4	618.4	669.4	720.4	786.4	852.4
57.5°	539.7	543.2	545.5	550.1	555.9	573.3	589.5	643.9	698.4	744.7	789.8
60°	515.4	517.7	518.8	518.8	523.5	543.2	562.9	632.3	700.7	692.6	683.3
62.5°	488.7	491.0	492.2	488.7	494.5	515.4	536.2	626.6	716.9	661.3	605.7
65°	464.4	463.3	462.1	458.6	465.6	486.4	506.1	551.3	596.4	574.4	552.4
67.5°	437.8	434.3	430.8	426.2	433.1	451.7	469.0	484.1	499.2	501.5	503.8
70°	404.2	399.6	394.9	393.8	397.2	412.3	427.4	437.8	447.0	451.7	455.1
72.5°	364.8	361.3	357.9	355.5	356.7	369.4	381.0	390.3	399.6	403.0	405.3
75°	320.8	320.8	319.6	312.7	312.7	323.1	332.4	340.5	348.6	353.2	357.9
77.5°	273.3	274.5	274.5	265.2	264.1	274.5	283.7	290.7	296.5	301.1	304.6
80°	218.9	216.6	214.3	208.5	206.1	218.9	230.5	236.3	240.9	242.1	242.1
82.5°	167.9	163.3	157.5	144.8	145.9	159.8	172.6	177.2	181.8	181.8	181.8
85°	114.7	105.4	95.0	84.5	85.7	100.8	114.7	119.3	123.9	126.2	127.4
87.5°	54.4	45.2	34.7	26.6	26.6	39.4	51.0	53.3	55.6	60.2	64.9
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: P320711
 CATALOG NUMBER: GAN-SA7A-760-U-SLR

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P320711

CATALOG NUMBER: GAN-SA7A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0
2.5°	8258.7	8358.3	8461.3	8564.4	8682.5	8800.7	8938.5	9075.2	9192.1	9309.1	9406.4
5°	6947.7	7106.3	7292.8	7479.2	7716.7	7954.1	8244.8	8534.3	8792.6	9050.8	9350.8
7.5°	5503.5	5709.6	5952.8	6196.0	6502.9	6809.8	7186.2	7562.6	7927.4	8291.1	8752.0
10°	4616.3	4832.9	5072.6	5311.2	5623.9	5935.4	6333.8	6731.1	7141.1	7549.9	8071.1
12.5°	4150.8	4390.5	4601.3	4812.1	5065.7	5318.2	5703.8	6089.5	6571.3	7051.9	7553.4
15°	3653.9	3915.7	4168.1	4420.6	4697.4	4973.0	5348.3	5723.5	6250.5	6777.4	7354.2
17.5°	3052.8	3328.5	3636.5	3943.5	4304.8	4665.0	5145.6	5626.2	6250.5	6873.5	7553.4
20°	2426.3	2707.7	3076.0	3444.3	3893.7	4341.9	4964.9	5588.0	6428.8	7268.5	8135.9
22.5°	1914.4	2162.2	2564.1	2964.8	3483.7	4002.5	4801.6	5599.6	6698.7	7796.6	8967.4
25°	1551.9	1726.8	2121.7	2515.5	3114.2	3713.0	4702.0	5689.9	7091.3	8491.5	9943.8
27.5°	1329.5	1444.2	1812.5	2179.6	2834.0	3487.1	4661.5	5834.7	7589.3	9343.8	11005.8
30°	1218.4	1298.3	1609.8	1920.2	2585.0	3249.7	4612.9	5976.0	8068.7	10160.3	11836.2
32.5°	1125.7	1189.4	1455.8	1721.0	2369.5	3018.1	4519.0	6018.8	8403.4	10788.0	12539.1
35°	1047.0	1100.2	1331.9	1563.5	2200.5	2837.4	4361.5	5885.6	8613.1	11340.5	13271.1
37.5°	983.3	1025.0	1239.2	1453.5	2054.5	2655.6	4182.0	5708.5	8799.5	11890.6	14094.5
40°	933.5	969.4	1169.7	1370.1	1915.6	2461.0	4028.0	5593.8	9056.6	12519.5	14964.3
42.5°	905.7	952.0	1109.5	1265.8	1783.5	2301.2	3904.1	5506.9	9295.2	13082.3	15725.2
45°	898.7	964.7	1078.2	1191.7	1685.1	2178.5	3794.1	5408.5	9449.2	13490.0	16298.4
47.5°	887.1	941.6	1053.9	1166.2	1636.4	2105.5	3735.0	5363.3	9603.3	13842.0	16774.4
50°	894.1	901.0	1034.2	1166.2	1629.5	2092.8	3802.2	5511.6	9936.8	14360.9	17318.8
52.5°	881.3	851.2	997.2	1143.1	1628.3	2113.6	3995.6	5877.5	10556.4	15234.1	17908.3
55°	814.2	774.8	927.7	1080.5	1604.0	2126.3	4226.0	6324.6	11388.0	16450.2	18968.0
57.5°	755.1	719.2	848.9	977.5	1529.9	2082.3	4463.5	6843.4	12267.0	17689.4	20162.0
60°	676.4	668.2	760.9	853.5	1415.2	1975.8	4659.2	7341.4	12857.6	18372.7	20621.8
62.5°	611.5	616.1	684.5	752.8	1271.6	1789.3	4724.0	7657.6	12841.4	18025.2	20158.5
65°	561.7	569.8	637.0	704.1	1148.9	1593.6	4510.9	7427.1	12191.7	16955.1	19242.4
67.5°	513.1	522.3	602.2	681.0	1040.0	1397.9	3978.2	6557.4	11023.1	15487.8	18077.3
70°	466.7	478.3	565.2	652.0	961.3	1269.3	3291.4	5313.5	9560.4	13806.1	16728.1
72.5°	416.9	428.5	521.2	613.8	911.5	1207.9	2683.4	4157.7	7758.4	11357.8	14308.8
75°	366.0	374.1	474.8	574.4	843.1	1111.8	2105.5	3098.0	5937.8	8777.5	10807.7
77.5°	315.0	325.4	410.0	493.4	715.7	936.9	1586.6	2236.4	4356.9	6476.3	7516.3
80°	251.3	260.6	320.8	379.9	552.4	723.8	1091.0	1458.1	2998.4	4538.7	5124.8
82.5°	192.3	202.7	243.2	282.6	393.8	504.9	661.3	817.6	1992.0	3165.2	3213.8
85°	132.0	135.5	164.5	192.3	243.2	294.2	378.7	463.3	1318.0	2172.7	1810.2
87.5°	66.0	66.0	85.7	105.4	130.9	156.3	200.4	243.2	421.6	599.9	345.1
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: P320711
 CATALOG NUMBER: GAN-SA7A-760-U-SLR

CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P320711

CATALOG NUMBER: GAN-SA7A-760-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0
2.5°	9530.3	9614.8	9700.5	9765.4	9831.4	9926.4	10021.4	10038.7	10057.3	10020.2	9983.1
5°	9653.1	9909.0	10166.1	10403.5	10641.0	10783.4	10925.9	10954.8	10983.8	10894.6	10804.3
7.5°	9197.9	9643.8	10089.7	10498.5	10907.3	11155.2	11404.2	11459.8	11516.5	11370.6	11224.7
10°	8589.9	9137.7	9685.5	10224.0	10762.6	11122.7	11482.9	11554.7	11626.5	11444.7	11262.9
12.5°	8119.7	8704.6	9289.4	9856.9	10425.5	10798.5	11171.4	11260.6	11349.7	11217.7	11084.5
15°	7974.9	8525.0	9075.2	9569.7	10065.4	10370.0	10675.7	10711.6	10748.7	10727.8	10707.0
17.5°	8237.8	8734.7	9232.7	9501.3	9771.2	9892.8	10015.6	10054.9	10095.5	10147.6	10200.9
20°	8874.8	9224.6	9575.5	9563.9	9551.1	9492.1	9431.9	9421.4	9411.0	9560.4	9711.0
22.5°	9825.6	9964.6	10104.7	9779.3	9453.9	9255.8	9056.6	9017.2	8976.7	9135.4	9295.2
25°	10857.5	10832.0	10805.4	10185.8	9565.0	9187.5	8809.9	8765.9	8721.9	8857.4	8994.1
27.5°	11879.0	11712.2	11545.5	10703.5	9861.5	9313.7	8765.9	8721.9	8677.9	8798.4	8918.8
30°	12628.3	12360.8	12093.3	11140.1	10187.0	9536.1	8885.2	8813.4	8740.5	8888.7	9036.9
32.5°	13213.2	12854.2	12495.1	11494.5	10493.9	9789.7	9085.6	8973.2	8860.9	9058.9	9257.0
35°	13796.9	13291.9	12785.8	11810.7	10834.4	10089.7	9343.8	9206.0	9068.2	9340.4	9612.5
37.5°	14531.1	13806.1	13080.0	12166.2	11252.5	10539.0	9824.5	9683.2	9541.9	9888.2	10235.6
40°	15327.9	14360.9	13393.8	12555.4	11716.9	11161.0	10603.9	10469.6	10334.0	10755.6	11177.2
42.5°	15990.4	14877.4	13764.4	13024.4	12283.2	11891.7	11499.1	11498.0	11495.7	11923.0	12350.4
45°	16528.9	15308.2	14086.4	13481.9	12876.2	12672.3	12468.5	12631.8	12795.1	13180.7	13567.6
47.5°	16930.8	15669.6	14407.2	14005.3	13603.5	13633.6	13663.7	13996.1	14328.5	14576.3	14825.3
50°	17192.5	15997.3	14801.0	14677.1	14553.1	14823.0	15094.0	15475.0	15857.2	16026.3	16195.4
52.5°	17573.6	16442.1	15309.4	15448.4	15587.4	16138.6	16689.9	17075.6	17461.2	17523.8	17587.5
55°	18454.9	17259.7	16063.3	16329.7	16597.2	17405.6	18215.2	18516.3	18817.4	18840.6	18863.7
57.5°	19706.8	18405.1	17103.4	17390.6	17677.8	18611.2	19545.9	19870.1	20195.6	20150.4	20104.1
60°	20643.8	19492.6	18340.2	18629.8	18919.3	19829.6	20739.9	21112.8	21486.9	21387.3	21287.7
62.5°	20701.7	20086.7	19470.6	19732.3	19995.2	20887.0	21778.7	22162.1	22545.4	22371.7	22198.0
65°	19781.0	20056.6	20332.2	20419.1	20506.0	21337.5	22170.2	22463.2	22757.4	22669.4	22581.3
67.5°	18512.8	19528.5	20545.3	20370.5	20195.6	20585.9	20976.2	21278.4	21580.7	21530.9	21480.0
70°	17247.0	18603.1	19959.3	19100.0	18239.5	18078.5	17917.5	18243.0	18569.6	18368.0	18165.4
72.5°	15091.7	16537.0	17983.5	16400.4	14817.2	14267.1	13717.0	14130.4	14543.9	14223.1	13901.1
75°	11846.6	13443.6	15041.9	13153.0	11264.0	10529.8	9795.5	10151.1	10506.6	10286.6	10065.4
77.5°	8819.2	10393.1	11967.0	10046.8	8125.5	7580.0	7033.4	7138.8	7245.3	7208.2	7170.0
80°	5981.8	7078.5	8176.4	6897.9	5619.3	5661.0	5703.8	5654.0	5603.1	5677.2	5751.3
82.5°	3817.2	4663.8	5511.6	4832.9	4154.2	4543.4	4932.5	4741.4	4549.2	4619.8	4691.6
85°	2178.5	3006.5	3835.7	3575.2	3313.4	3540.4	3768.6	3472.1	3175.6	3305.3	3436.2
87.5°	574.4	1663.1	2752.9	2499.3	2245.6	1951.5	1657.3	1264.7	872.1	1273.9	1675.8
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: P320711
 CATALOG NUMBER: GAN-SA7A-760-U-SLR

CANDELA DISTRIBUTION (continued):

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

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0	8825.0
2.5°	9963.4	9943.8	9873.1	9801.3	9694.8	9606.7	9453.9
5°	10679.2	10554.1	10338.7	10122.1	9881.2	9604.4	9297.5
7.5°	10932.8	10639.8	10226.3	9811.7	9438.8	9001.0	8593.4
10°	10825.1	10386.2	9848.8	9310.3	8857.4	8353.6	7900.8
12.5°	10619.0	10152.2	9560.4	8967.4	8452.1	7911.2	7404.0
15°	10335.2	9962.3	9407.5	8852.8	8333.9	7808.2	7207.1
17.5°	10024.8	9847.6	9446.9	9045.0	8595.7	8086.1	7380.8
20°	9774.7	9839.5	9679.7	9519.9	9159.7	8715.0	7922.8
22.5°	9605.6	9917.1	10039.9	10163.8	9947.2	9599.8	8683.7
25°	9510.6	10027.1	10438.3	10850.6	10754.5	10486.9	9607.9
27.5°	9552.3	10185.8	10823.9	11463.2	11552.4	11478.3	10581.9
30°	9677.4	10319.0	11096.1	11874.4	12229.9	12329.5	11393.7
32.5°	9885.8	10514.7	11361.3	12209.1	12746.4	13063.8	12136.1
35°	10200.9	10789.2	11671.7	12554.2	13249.1	13828.1	12902.8
37.5°	10741.7	11247.8	12062.0	12877.3	13778.3	14648.1	13747.1
40°	11533.9	11891.7	12579.7	13268.8	14402.6	15576.9	14688.6
42.5°	12533.3	12717.5	13263.0	13808.5	15054.6	16420.1	15609.4
45°	13616.2	13664.8	14007.7	14351.6	15571.1	16994.5	16300.8
47.5°	14658.5	14491.8	14628.4	14765.1	15967.2	17404.5	16825.4
50°	15731.0	15266.6	15194.7	15122.9	16363.3	17887.4	17492.5
52.5°	16821.9	16056.4	15772.7	15487.8	16835.8	18527.9	18322.9
55°	17889.7	16915.7	16533.6	16151.4	17558.5	19309.6	19542.4
57.5°	19000.4	17896.7	17542.3	17187.9	18620.5	20299.8	20636.8
60°	20195.6	19102.3	18818.6	18533.7	19940.8	21369.9	21124.4
62.5°	21329.4	20460.8	20311.4	20160.8	21276.1	22192.2	20934.5
65°	22086.8	21591.1	21730.1	21870.2	22286.0	22397.2	20378.6
67.5°	21580.7	21681.5	22268.6	22857.0	22570.9	21788.0	19283.0
70°	18768.8	19373.3	20764.2	22156.3	21521.6	20156.2	17316.5
72.5°	14579.8	15259.6	17324.6	19390.7	18805.8	17133.5	14223.1
75°	10832.0	11599.9	13879.1	16158.3	15346.5	12815.9	10183.5
77.5°	7684.2	8198.4	10448.7	12700.1	11376.4	8530.8	6852.7
80°	5593.8	5436.3	6690.6	7944.8	7724.8	5642.4	4400.9
82.5°	4307.1	3922.6	4513.3	5103.9	5071.5	3915.7	3228.9
85°	3282.2	3128.1	3650.4	4172.8	3725.7	2652.1	2052.2
87.5°	1913.2	2151.8	2766.8	3382.9	2538.6	804.9	398.4
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)