

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: P320551

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320551
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-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 2700K, 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: 24224 lumens
Efficiency: N/A
Efficacy: 107.2 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

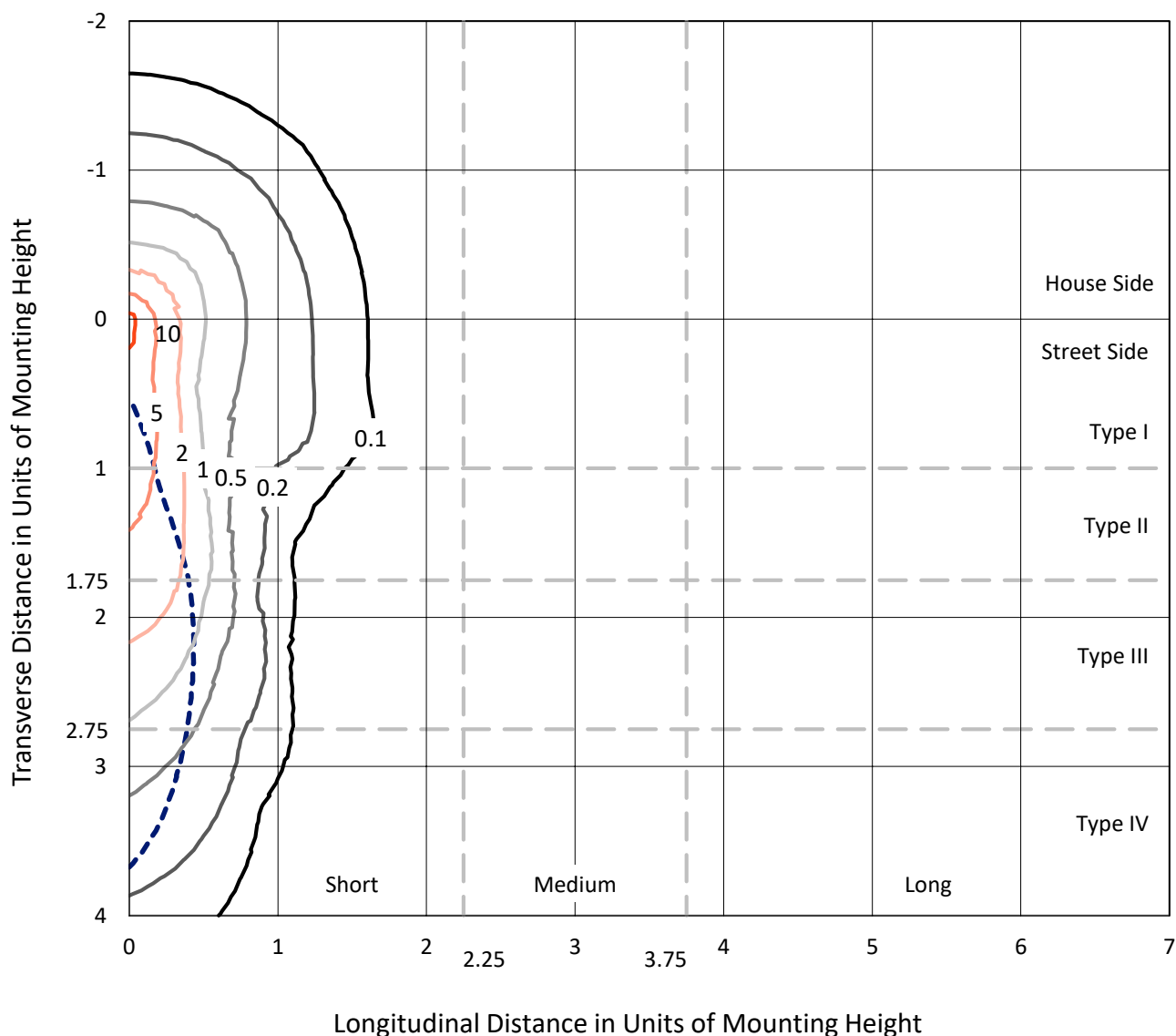
Input Watts (W): 226
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

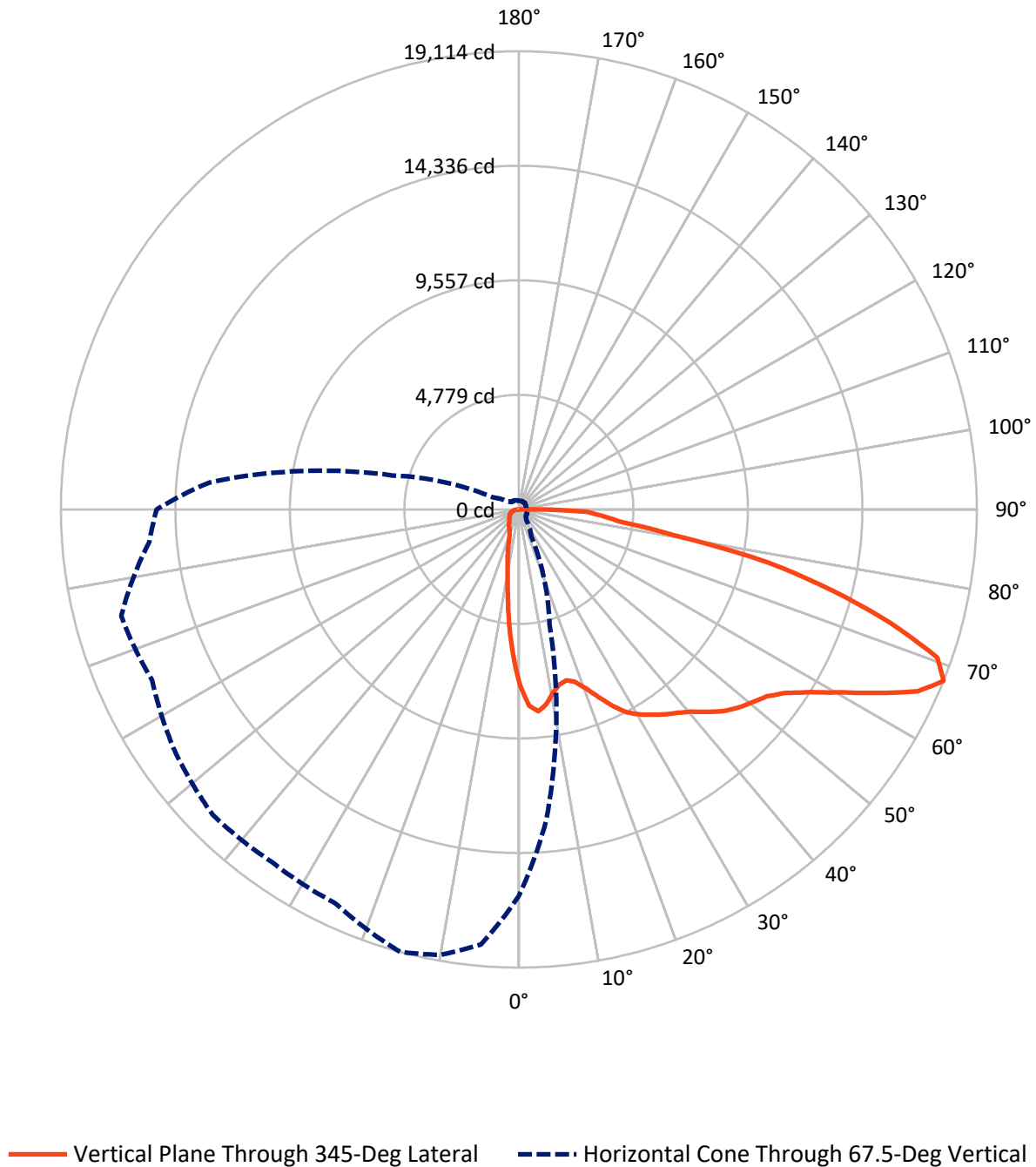
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.8 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	4187.8	0.0	4187.8
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	20036.2	0.0	20036.2
	% Fixture	82.7	0.0	82.7
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°	4750.8	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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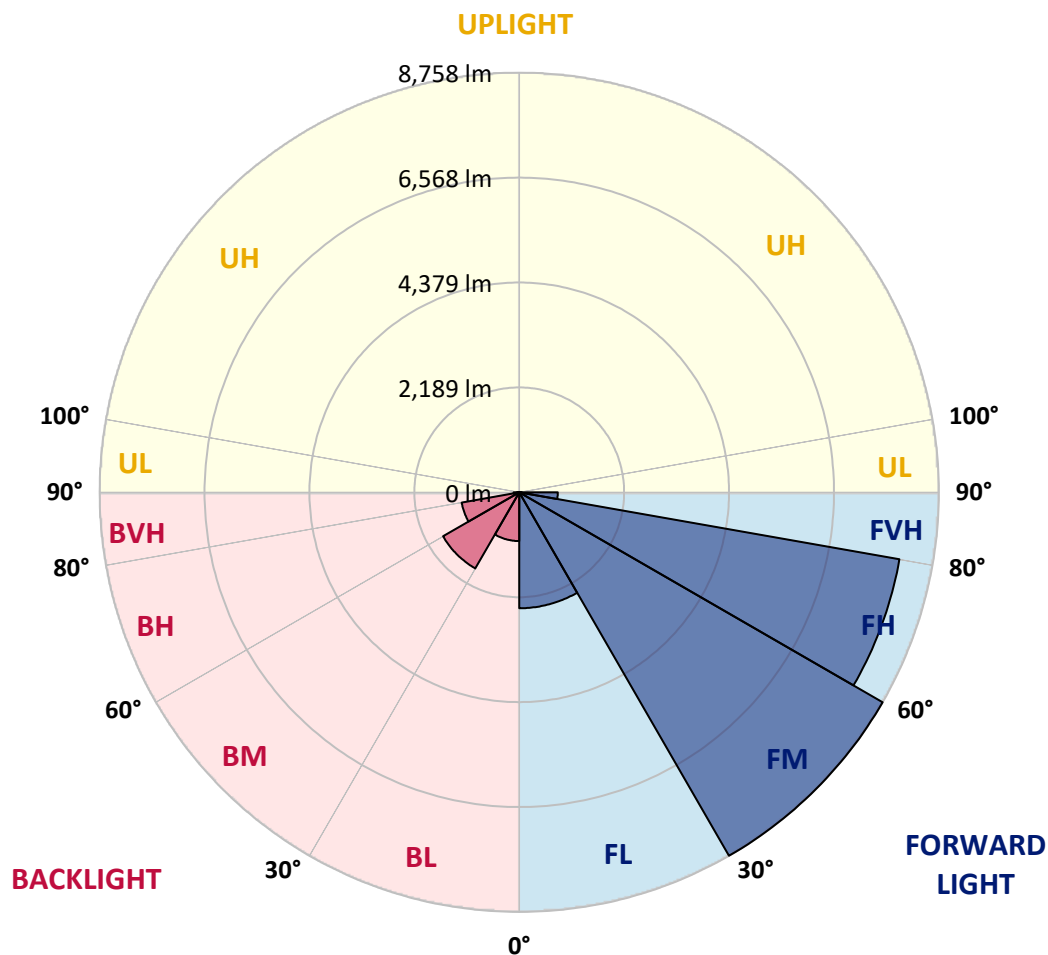
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2418.8	10.0			
FM	(30°-60°)	8757.6	36.2			
FH	(60°-80°)	8056.1	33.3			G4/12000
FVH	(80°-90°)	803.7	3.3			G5
BL	(0°-30°)	1016.8	4.2	B3/2500		
BM	(30°-60°)	1835.5	7.6	B2/2500		
BH	(60°-80°)	1220.4	5.0	B3/2500		G3/2500
BVH	(80°-90°)	115.2	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°	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0
2.5°	7905.9	7836.2	7730.6	7625.0	7546.6	7467.2	7377.1	7287.0	7184.4	7080.7	7019.7
5°	7775.2	7581.5	7329.6	7077.8	6911.3	6744.7	6555.8	6367.0	6180.0	5993.1	5892.4
7.5°	7186.3	6895.8	6568.4	6241.0	5998.9	5755.8	5494.3	5231.9	4999.4	4766.0	4621.7
10°	6607.1	6258.5	5882.7	5506.0	5196.0	4886.1	4623.6	4360.2	4184.9	4009.6	3876.9
12.5°	6191.7	5805.2	5391.7	4977.1	4667.2	4357.3	4190.7	4024.1	3878.9	3733.6	3580.6
15°	6027.0	5590.2	5167.0	4742.8	4460.9	4179.1	3994.1	3808.2	3613.5	3417.9	3230.0
17.5°	6172.3	5660.9	5200.9	4740.8	4371.8	4002.8	3744.2	3484.7	3228.0	2971.4	2753.5
20°	6625.5	5972.8	5371.3	4768.9	4277.9	3786.9	3440.1	3092.4	2763.1	2433.9	2186.9
22.5°	7261.9	6397.9	5612.5	4827.0	4192.7	3557.3	3122.5	2686.6	2297.3	1908.0	1665.8
25°	8034.7	6961.6	5960.2	4957.8	4157.8	3356.8	2822.2	2287.6	1877.0	1465.3	1293.0
27.5°	8849.2	7633.8	6392.1	5149.5	4163.6	3177.7	2569.4	1960.3	1590.3	1220.3	1102.2
30°	9528.2	8401.8	6895.8	5388.8	4185.9	2983.0	2331.2	1679.4	1374.3	1069.2	992.7
32.5°	10149.0	8937.4	7275.4	5612.5	4211.1	2808.7	2147.2	1484.7	1235.8	985.9	923.0
35°	10790.1	9412.9	7540.8	5667.7	4167.5	2666.3	2021.3	1376.2	1146.7	916.2	862.9
37.5°	11496.2	9927.2	7796.5	5664.8	4093.9	2523.0	1923.5	1323.0	1088.6	853.3	814.5
40°	12283.6	10495.7	8073.5	5651.2	4027.0	2401.9	1850.8	1298.8	1056.6	813.5	780.6
42.5°	13053.5	11038.1	8331.1	5624.1	3972.8	2320.5	1779.1	1237.7	1027.6	816.4	770.0
45°	13631.7	11511.7	8554.8	5597.0	3932.1	2267.3	1723.0	1178.7	1000.5	822.3	763.2
47.5°	14070.4	11987.2	8802.7	5617.3	3928.3	2239.2	1683.3	1127.3	949.1	770.0	745.7
50°	14628.3	12558.6	9164.0	5769.4	3981.5	2193.7	1636.8	1078.9	899.7	720.6	753.5
52.5°	15322.7	13374.1	9723.8	6072.5	4092.9	2113.3	1563.2	1013.1	839.7	665.4	716.7
55°	16342.6	14419.1	10439.5	6459.0	4227.5	1995.1	1451.8	907.5	760.3	612.1	657.6
57.5°	17257.8	15474.8	11126.2	6776.6	4311.8	1846.0	1311.4	776.7	671.2	565.6	591.8
60°	17665.5	16019.1	11447.7	6875.4	4261.4	1647.4	1153.5	658.6	592.7	526.9	522.0
62.5°	17506.7	15673.3	11131.0	6588.7	4015.4	1442.1	1014.0	585.9	536.6	486.2	475.5
65°	17041.8	14586.7	10243.9	5901.1	3599.9	1298.8	925.9	553.0	497.8	442.6	431.0
67.5°	16125.6	13040.0	8986.8	4933.6	3072.1	1210.6	875.5	540.4	473.6	405.8	392.2
70°	14481.1	11178.5	7538.8	3898.2	2527.8	1156.4	842.6	528.8	447.4	365.1	352.5
72.5°	11894.2	8962.5	6020.2	3076.9	2113.3	1149.6	838.7	527.8	426.1	324.4	312.8
75°	8516.1	6807.6	4595.6	2382.5	1730.7	1078.9	796.1	513.3	397.1	279.9	269.2
77.5°	5730.6	4711.8	3194.1	1675.5	1284.2	893.0	669.2	445.5	339.9	234.4	223.7
80°	3680.3	3261.0	2140.4	1019.8	832.9	646.0	478.4	310.9	247.9	184.0	175.3
82.5°	2700.2	2427.1	1487.6	548.2	462.9	376.7	292.5	208.2	169.5	130.7	126.9
85°	1716.2	1892.5	1095.4	298.3	244.1	189.8	156.9	124.0	97.8	71.7	71.7
87.5°	333.2	461.0	303.1	144.3	105.6	66.8	57.1	46.5	26.1	4.8	5.8
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



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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°	6957.7	6890.9	6824.1	6748.5	6672.0	6601.3	6529.7	6451.2	6465.7	6405.7	6345.6
5°	5791.7	5685.1	5577.6	5484.6	5391.7	5311.3	5229.9	5157.3	5220.2	5177.6	5135.0
7.5°	4476.4	4344.7	4212.0	4100.7	3989.3	3903.1	3815.9	3755.9	3817.8	3810.1	3802.4
10°	3744.2	3616.4	3487.6	3364.6	3241.6	3137.0	3031.4	2942.3	2926.8	2882.3	2836.8
12.5°	3426.6	3251.3	3075.0	2946.2	2817.4	2692.4	2567.5	2462.9	2415.5	2341.8	2267.3
15°	3042.1	2834.8	2627.6	2481.3	2334.1	2213.0	2091.0	2000.9	1970.9	1913.8	1856.6
17.5°	2535.5	2308.9	2082.3	1934.1	1785.0	1688.1	1590.3	1530.2	1530.2	1513.8	1497.3
20°	1939.9	1737.5	1535.1	1421.8	1308.5	1257.1	1204.8	1179.6	1187.4	1188.4	1188.4
22.5°	1422.7	1298.8	1174.8	1129.3	1082.8	1064.4	1046.0	1035.3	1039.2	1040.2	1041.1
25°	1120.6	1073.1	1024.7	1001.4	977.2	965.6	954.0	950.1	958.8	959.8	959.8
27.5°	984.0	954.9	924.9	910.4	894.9	890.1	885.2	878.4	887.2	887.2	886.2
30°	915.2	884.2	853.3	834.9	816.4	818.4	819.4	817.4	823.2	827.1	830.0
32.5°	859.1	829.0	799.0	780.6	761.2	758.3	755.4	753.5	766.1	772.9	779.6
35°	808.7	775.8	742.8	725.4	708.0	701.2	694.4	689.6	701.2	709.9	718.6
37.5°	774.8	740.9	706.0	689.6	672.1	663.4	654.7	648.9	653.7	657.6	661.5
40°	747.7	712.8	677.0	657.6	638.2	629.5	620.8	616.0	618.9	619.8	620.8
42.5°	722.5	688.6	654.7	633.4	611.1	600.5	589.8	584.0	585.9	587.9	588.9
45°	704.1	670.2	635.3	610.2	584.0	572.4	560.8	554.0	555.0	555.0	555.0
47.5°	721.5	672.1	621.8	592.7	562.7	549.1	535.6	528.8	526.9	524.9	523.0
50°	785.5	701.2	616.0	579.2	541.4	526.9	511.4	503.6	498.8	496.8	494.9
52.5°	767.1	694.4	620.8	573.4	524.9	507.5	490.1	477.5	472.6	469.7	466.8
55°	702.2	656.6	610.2	553.0	495.9	480.4	463.9	455.2	446.5	444.5	442.6
57.5°	616.9	598.5	580.1	522.0	463.9	449.4	433.9	428.1	420.3	420.3	419.4
60°	516.2	543.3	570.4	503.6	435.8	419.4	402.9	398.1	395.2	394.2	393.2
62.5°	463.9	508.5	552.0	481.3	409.7	392.2	374.8	369.0	368.0	369.0	369.0
65°	419.4	432.9	446.5	413.6	380.6	363.2	344.8	339.0	340.9	343.8	346.7
67.5°	378.7	375.8	372.9	361.3	348.7	334.1	318.6	312.8	313.8	317.7	321.5
70°	339.9	336.1	331.2	322.5	313.8	301.2	288.6	284.7	283.8	288.6	292.5
72.5°	301.2	296.4	290.6	283.8	276.0	265.4	254.7	251.8	252.8	255.7	258.6
75°	258.6	254.7	249.9	244.1	237.3	227.6	217.9	216.0	217.9	220.8	223.7
77.5°	212.1	211.1	209.2	204.4	199.5	188.9	177.2	176.3	179.2	182.1	184.0
80°	165.6	166.6	167.6	163.7	159.8	148.2	135.6	134.6	137.5	140.4	143.3
82.5°	122.0	124.9	126.9	122.0	117.2	103.6	90.1	88.1	97.8	100.7	103.6
85°	70.7	74.6	78.4	74.6	70.7	57.1	43.6	42.6	51.3	56.2	61.0
87.5°	5.8	7.7	9.7	8.7	7.7	3.9	0.0	0.0	1.0	4.8	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: P320551
 CATALOG NUMBER: GAN-SA7A-727-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: P320551

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

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°	6307.9	6270.1	6258.5	6246.9	6204.2	6160.7	6205.2	6248.8	6267.2	6285.6	6238.1
5°	5129.2	5122.4	5122.4	5121.5	5082.7	5043.0	5073.0	5102.1	5037.2	4972.3	4965.5
7.5°	3844.0	3885.6	3919.5	3952.5	3939.9	3927.3	3955.4	3983.5	3901.1	3817.8	3777.2
10°	2846.4	2855.2	2892.0	2928.8	2937.5	2945.2	2980.1	3014.0	2950.1	2886.1	2858.1
12.5°	2220.8	2174.3	2179.1	2183.0	2200.4	2216.9	2253.7	2289.5	2263.4	2236.3	2239.2
15°	1798.5	1739.4	1715.2	1690.0	1709.4	1728.8	1754.9	1780.1	1781.1	1781.1	1806.3
17.5°	1468.3	1438.2	1414.0	1388.8	1415.0	1440.2	1443.1	1446.0	1446.9	1447.9	1446.0
20°	1202.9	1217.4	1209.7	1201.9	1211.6	1220.3	1228.1	1234.8	1226.1	1216.4	1192.2
22.5°	1054.7	1067.3	1077.0	1085.7	1102.2	1117.7	1109.9	1101.2	1083.8	1065.4	1047.0
25°	968.5	977.2	986.9	996.6	1010.2	1022.7	1009.2	995.6	983.0	970.4	957.9
27.5°	895.9	904.6	913.3	921.0	933.6	945.3	932.7	920.1	909.4	898.8	889.1
30°	836.8	842.6	849.4	856.2	867.8	878.4	867.8	856.2	848.4	839.7	832.9
32.5°	786.4	792.2	795.1	798.0	808.7	819.4	811.6	803.9	797.1	790.3	785.5
35°	731.2	742.8	744.8	746.7	757.4	768.0	763.2	757.4	749.6	741.9	733.2
37.5°	675.0	688.6	696.4	703.1	713.8	724.4	719.6	714.8	704.1	693.4	678.0
40°	627.6	633.4	647.9	661.5	678.9	695.4	685.7	675.0	658.6	642.1	634.4
42.5°	587.9	586.9	600.5	614.0	640.2	665.4	647.9	630.5	615.0	599.5	597.6
45°	553.0	550.1	556.9	563.7	591.8	618.9	601.4	583.0	574.3	565.6	565.6
47.5°	522.0	520.1	524.9	528.8	546.2	562.7	554.0	545.3	540.4	535.6	536.6
50°	493.9	492.0	496.8	500.7	507.5	513.3	515.2	516.2	513.3	510.4	512.3
52.5°	467.8	467.8	469.7	470.7	479.4	488.1	488.1	487.2	487.2	487.2	489.1
55°	445.5	447.4	447.4	447.4	461.0	473.6	469.7	465.9	466.8	466.8	468.8
57.5°	423.2	426.1	428.1	430.0	443.6	457.1	453.3	449.4	449.4	449.4	450.4
60°	398.1	401.9	405.8	409.7	423.2	436.8	432.9	428.1	429.0	430.0	431.0
62.5°	373.8	377.7	381.6	385.5	399.0	412.6	408.7	403.9	406.8	408.7	408.7
65°	350.6	353.5	357.4	361.3	373.8	386.4	382.6	378.7	382.6	385.5	387.4
67.5°	324.4	326.4	330.3	334.1	346.7	359.3	355.4	350.6	355.4	359.3	363.2
70°	294.4	296.4	301.2	305.1	317.7	330.3	325.4	320.6	325.4	330.3	334.1
72.5°	261.5	263.4	268.3	272.1	286.7	301.2	295.4	289.6	295.4	301.2	303.1
75°	225.7	227.6	233.4	238.3	252.8	267.3	262.5	256.7	261.5	266.3	267.3
77.5°	186.9	189.8	197.6	205.3	216.9	228.6	225.7	222.8	225.7	228.6	228.6
80°	146.2	149.1	158.8	167.6	174.3	181.1	182.1	183.0	184.0	185.0	184.0
82.5°	108.5	112.3	121.1	129.8	129.8	129.8	137.5	144.3	144.3	143.3	142.4
85°	66.8	71.7	79.4	87.2	82.3	77.5	90.1	101.7	101.7	100.7	98.8
87.5°	13.6	18.4	26.1	32.9	28.1	23.2	35.8	48.4	49.4	49.4	47.5
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: P320551
 CATALOG NUMBER: GAN-SA7A-727-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: P320551

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

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°	6189.7	6265.3	6339.8	6359.2	6388.3	6400.9	6412.5	6507.4	6601.3	6711.7	6822.2
5°	4957.8	5014.0	5070.1	5078.8	5108.9	5124.4	5139.9	5255.1	5369.4	5523.4	5677.4
7.5°	3736.5	3750.1	3763.6	3761.7	3786.9	3820.8	3853.7	3976.7	4098.7	4264.3	4429.0
10°	2830.0	2861.0	2891.0	2919.1	2974.3	3038.2	3101.2	3227.1	3353.0	3516.6	3679.4
12.5°	2242.1	2277.9	2312.8	2343.8	2407.7	2492.9	2577.2	2728.3	2879.4	3075.0	3269.7
15°	1830.5	1827.6	1824.7	1846.0	1902.1	1995.1	2087.1	2246.9	2406.7	2621.7	2835.8
17.5°	1444.0	1429.5	1415.0	1431.5	1483.7	1560.3	1635.8	1771.4	1906.0	2114.2	2322.5
20°	1168.0	1158.3	1148.6	1164.1	1197.1	1229.0	1261.0	1358.8	1455.7	1625.2	1793.7
22.5°	1027.6	1026.6	1024.7	1033.4	1048.9	1065.4	1080.9	1128.3	1174.8	1284.2	1392.7
25°	945.3	944.3	943.3	947.2	959.8	972.4	985.0	1016.0	1047.0	1099.3	1151.6
27.5°	879.4	877.5	875.5	876.5	879.4	898.8	917.2	931.7	945.3	981.1	1016.0
30°	826.1	825.2	824.2	824.2	821.3	828.1	834.9	857.1	878.4	915.2	952.0
32.5°	780.6	775.8	770.9	760.3	753.5	763.2	772.9	796.1	819.4	853.3	887.2
35°	723.5	710.9	697.3	691.5	692.5	702.2	711.9	735.1	757.4	794.2	830.0
37.5°	661.5	657.6	652.8	651.8	654.7	664.4	674.1	694.4	713.8	750.6	786.4
40°	626.6	624.7	622.7	620.8	622.7	632.4	642.1	661.5	679.9	715.7	750.6
42.5°	595.6	594.7	593.7	593.7	594.7	605.3	616.0	635.3	653.7	685.7	717.7
45°	565.6	566.6	566.6	568.5	571.4	582.1	591.8	613.1	634.4	665.4	696.4
47.5°	537.5	540.4	542.4	547.2	550.1	561.7	572.4	595.6	618.9	657.6	695.4
50°	513.3	516.2	518.2	522.0	529.8	543.3	556.9	585.0	612.1	677.0	740.9
52.5°	491.0	493.9	496.8	500.7	510.4	525.9	541.4	576.3	610.2	685.7	761.2
55°	470.7	473.6	475.5	481.3	491.0	504.6	517.2	559.8	602.4	657.6	712.8
57.5°	451.3	454.2	456.2	460.0	464.9	479.4	493.0	538.5	584.0	622.7	660.5
60°	431.0	432.9	433.9	433.9	437.8	454.2	470.7	528.8	585.9	579.2	571.4
62.5°	408.7	410.6	411.6	408.7	413.6	431.0	448.4	524.0	599.5	553.0	506.5
65°	388.4	387.4	386.4	383.5	389.3	406.8	423.2	461.0	498.8	480.4	462.0
67.5°	366.1	363.2	360.3	356.4	362.2	377.7	392.2	404.8	417.4	419.4	421.3
70°	338.0	334.1	330.3	329.3	332.2	344.8	357.4	366.1	373.8	377.7	380.6
72.5°	305.1	302.2	299.3	297.3	298.3	309.0	318.6	326.4	334.1	337.0	339.0
75°	268.3	268.3	267.3	261.5	261.5	270.2	278.0	284.7	291.5	295.4	299.3
77.5°	228.6	229.5	229.5	221.8	220.8	229.5	237.3	243.1	247.9	251.8	254.7
80°	183.0	181.1	179.2	174.3	172.4	183.0	192.7	197.6	201.4	202.4	202.4
82.5°	140.4	136.6	131.7	121.1	122.0	133.7	144.3	148.2	152.1	152.1	152.1
85°	95.9	88.1	79.4	70.7	71.7	84.3	95.9	99.8	103.6	105.6	106.5
87.5°	45.5	37.8	29.1	22.3	22.3	32.9	42.6	44.6	46.5	50.4	54.2
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: P320551
 CATALOG NUMBER: GAN-SA7A-727-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: P320551

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

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°	6906.4	6989.7	7075.9	7162.1	7260.9	7359.7	7474.9	7589.2	7687.0	7784.8	7866.2
5°	5810.1	5942.7	6098.7	6254.6	6453.1	6651.7	6894.8	7136.9	7352.9	7568.9	7819.7
7.5°	4602.3	4774.7	4978.1	5181.5	5438.2	5694.8	6009.6	6324.3	6629.4	6933.5	7319.0
10°	3860.5	4041.6	4242.1	4441.6	4703.1	4963.6	5296.8	5629.0	5971.8	6313.7	6749.5
12.5°	3471.1	3671.6	3847.9	4024.1	4236.2	4447.4	4769.9	5092.4	5495.3	5897.2	6316.6
15°	3055.6	3274.5	3485.7	3696.8	3928.3	4158.8	4472.6	4786.4	5227.0	5667.7	6150.0
17.5°	2553.0	2783.5	3041.1	3297.8	3599.9	3901.1	4303.1	4705.0	5227.0	5748.1	6316.6
20°	2029.0	2264.4	2572.3	2880.3	3256.1	3630.9	4152.0	4673.0	5376.2	6078.3	6803.7
22.5°	1600.9	1808.2	2144.3	2479.4	2913.3	3347.2	4015.4	4682.7	5601.8	6520.0	7499.1
25°	1297.8	1444.0	1774.3	2103.6	2604.3	3105.0	3932.1	4758.3	5930.2	7101.1	8315.6
27.5°	1111.8	1207.7	1515.7	1822.7	2369.9	2916.2	3898.2	4879.3	6346.6	7813.9	9203.7
30°	1018.9	1085.7	1346.2	1605.8	2161.7	2717.6	3857.6	4997.5	6747.6	8496.7	9898.1
32.5°	941.4	994.7	1217.4	1439.2	1981.6	2523.9	3779.1	5033.3	7027.5	9021.6	10486.0
35°	875.5	920.1	1113.8	1307.5	1840.2	2372.8	3647.4	4921.9	7202.8	9483.6	11098.1
37.5°	822.3	857.1	1036.3	1215.5	1718.1	2220.8	3497.3	4773.8	7358.7	9943.6	11786.7
40°	780.6	810.6	978.2	1145.7	1601.9	2058.1	3368.5	4677.9	7573.7	10469.5	12514.1
42.5°	757.4	796.1	927.8	1058.6	1491.5	1924.4	3264.8	4605.2	7773.2	10940.2	13150.4
45°	751.6	806.8	901.7	996.6	1409.2	1821.8	3172.8	4522.9	7902.0	11281.1	13629.8
47.5°	741.9	787.4	881.3	975.3	1368.5	1760.7	3123.4	4485.1	8030.8	11575.6	14027.8
50°	747.7	753.5	864.9	975.3	1362.7	1750.1	3179.6	4609.1	8309.8	12009.5	14483.0
52.5°	737.0	711.9	833.9	955.9	1361.7	1767.5	3341.3	4915.2	8827.9	12739.7	14976.0
55°	680.9	647.9	775.8	903.6	1341.4	1778.2	3534.1	5289.0	9523.3	13756.6	15862.2
57.5°	631.5	601.4	709.9	817.4	1279.4	1741.4	3732.6	5722.9	10258.4	14792.9	16860.7
60°	565.6	558.8	636.3	713.8	1183.5	1652.3	3896.3	6139.4	10752.3	15364.4	17245.2
62.5°	511.4	515.2	572.4	629.5	1063.4	1496.3	3950.5	6403.8	10738.8	15073.8	16857.8
65°	469.7	476.5	532.7	588.9	960.8	1332.7	3772.3	6211.0	10195.5	14178.9	16091.7
67.5°	429.0	436.8	503.6	569.5	869.7	1169.0	3326.8	5483.7	9218.2	12951.8	15117.4
70°	390.3	400.0	472.6	545.3	803.9	1061.5	2752.5	4443.5	7995.0	11545.6	13989.1
72.5°	348.7	358.3	435.8	513.3	762.2	1010.2	2244.0	3476.9	6488.0	9498.1	11965.9
75°	306.0	312.8	397.1	480.4	705.1	929.8	1760.7	2590.8	4965.5	7340.3	9038.1
77.5°	263.4	272.1	342.9	412.6	598.5	783.5	1326.9	1870.2	3643.5	5415.9	6285.6
80°	210.2	217.9	268.3	317.7	462.0	605.3	912.3	1219.3	2507.5	3795.6	4285.6
82.5°	160.8	169.5	203.4	236.3	329.3	422.3	553.0	683.8	1665.8	2646.9	2687.6
85°	110.4	113.3	137.5	160.8	203.4	246.0	316.7	387.4	1102.2	1816.9	1513.8
87.5°	55.2	55.2	71.7	88.1	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	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: P320551
 CATALOG NUMBER: GAN-SA7A-727-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: P320551

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

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°	7969.8	8040.5	8112.2	8166.4	8221.6	8301.1	8380.5	8395.0	8410.5	8379.5	8348.5
5°	8072.5	8286.5	8501.5	8700.1	8898.6	9017.8	9136.9	9161.1	9185.3	9110.7	9035.2
7.5°	7691.9	8064.7	8437.6	8779.5	9121.4	9328.6	9536.9	9583.4	9630.8	9508.8	9386.8
10°	7183.4	7641.5	8099.6	8550.0	9000.3	9301.5	9602.7	9662.8	9722.8	9570.8	9418.7
12.5°	6790.2	7279.3	7768.4	8242.9	8718.5	9030.3	9342.2	9416.8	9491.4	9380.9	9269.6
15°	6669.1	7129.2	7589.2	8002.8	8417.3	8672.0	8927.7	8957.7	8988.7	8971.3	8953.8
17.5°	6889.0	7304.5	7720.9	7945.6	8171.3	8273.0	8375.6	8408.6	8442.5	8486.0	8530.6
20°	7421.7	7714.1	8007.6	7997.9	7987.3	7937.9	7887.5	7878.8	7870.1	7995.0	8120.9
22.5°	8216.8	8333.0	8450.2	8178.1	7905.9	7740.3	7573.7	7540.8	7506.9	7639.6	7773.2
25°	9079.7	9058.4	9036.2	8518.0	7998.9	7683.2	7367.4	7330.6	7293.8	7407.1	7521.4
27.5°	9934.0	9794.5	9655.0	8950.9	8246.8	7788.7	7330.6	7293.8	7257.0	7357.7	7458.5
30°	10560.6	10336.9	10113.1	9316.1	8519.0	7974.7	7430.4	7370.3	7309.3	7433.3	7557.2
32.5°	11049.7	10749.4	10449.2	9612.4	8775.6	8186.8	7597.9	7504.0	7410.0	7575.6	7741.3
35°	11537.8	11115.5	10692.3	9876.8	9060.4	8437.6	7813.9	7698.6	7583.4	7811.0	8038.6
37.5°	12151.8	11545.6	10938.3	10174.1	9410.0	8813.4	8215.8	8097.7	7979.5	8269.1	8559.6
40°	12818.2	12009.5	11200.8	10499.6	9798.4	9333.5	8867.6	8755.3	8642.0	8994.5	9347.0
42.5°	13372.2	12441.4	11510.7	10891.8	10272.0	9944.6	9616.3	9615.3	9613.4	9970.8	10328.1
45°	13822.5	12801.7	11779.9	11274.4	10767.8	10597.4	10426.9	10563.5	10700.0	11022.6	11346.0
47.5°	14158.6	13103.9	12048.2	11712.1	11376.1	11401.2	11426.4	11704.4	11982.3	12189.6	12397.8
50°	14377.5	13378.0	12377.5	12273.9	12170.2	12395.9	12622.5	12941.2	13260.8	13402.2	13543.6
52.5°	14696.1	13749.9	12802.7	12918.9	13035.1	13496.1	13957.1	14279.6	14602.2	14654.5	14707.7
55°	15433.1	14433.6	13433.2	13655.9	13879.6	14555.7	15232.6	15484.5	15736.3	15755.6	15775.0
57.5°	16480.1	15391.5	14302.9	14543.1	14783.3	15563.9	16345.5	16616.6	16888.8	16851.0	16812.3
60°	17263.6	16300.9	15337.2	15579.4	15821.5	16582.7	17344.0	17655.8	17968.7	17885.4	17802.1
62.5°	17312.0	16797.8	16282.5	16501.4	16721.2	17467.0	18212.7	18533.3	18853.9	18708.6	18563.3
65°	16542.1	16772.6	17003.1	17075.7	17148.4	17843.7	18540.1	18785.1	19031.1	18957.5	18883.9
67.5°	15481.6	16330.9	17181.3	17035.0	16888.8	17215.2	17541.6	17794.3	18047.1	18005.5	17962.9
70°	14423.0	15557.1	16691.2	15972.6	15253.0	15118.4	14983.7	15255.9	15529.0	15360.5	15191.0
72.5°	12620.6	13829.3	15038.9	13715.0	12391.1	11931.0	11471.0	11816.7	12162.5	11894.2	11625.0
75°	9906.8	11242.4	12578.9	10999.3	9419.7	8805.6	8191.6	8488.9	8786.3	8602.3	8417.3
77.5°	7375.2	8691.4	10007.6	8401.8	6795.0	6338.9	5881.7	5969.9	6059.0	6028.0	5996.0
80°	5002.3	5919.5	6837.6	5768.4	4699.2	4734.1	4769.9	4728.2	4685.6	4747.6	4809.6
82.5°	3192.2	3900.2	4609.1	4041.6	3474.0	3799.4	4124.9	3965.1	3804.3	3863.4	3923.4
85°	1821.8	2514.2	3207.7	2989.8	2770.9	2960.7	3151.5	2903.6	2655.6	2764.1	2873.6
87.5°	480.4	1390.8	2302.1	2090.0	1877.9	1631.9	1385.9	1057.6	729.3	1065.4	1401.4
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: P320551
 CATALOG NUMBER: GAN-SA7A-727-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°	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0	7380.0
2.5°	8332.1	8315.6	8256.5	8196.5	8107.4	8033.8	7905.9
5°	8930.6	8826.0	8645.8	8464.7	8263.3	8031.8	7775.2
7.5°	9142.7	8897.7	8551.9	8205.2	7893.3	7527.2	7186.3
10°	9052.6	8685.6	8236.2	7785.8	7407.1	6985.8	6607.1
12.5°	8880.2	8489.9	7995.0	7499.1	7068.2	6615.9	6191.7
15°	8642.9	8331.1	7867.2	7403.3	6969.4	6529.7	6027.0
17.5°	8383.4	8235.2	7900.1	7564.0	7188.2	6762.1	6172.3
20°	8174.2	8228.4	8094.8	7961.1	7659.9	7288.0	6625.5
22.5°	8032.8	8293.3	8396.0	8499.6	8318.5	8027.9	7261.9
25°	7953.4	8385.3	8729.1	9073.9	8993.5	8769.8	8034.7
27.5°	7988.2	8518.0	9051.6	9586.3	9660.8	9598.9	8849.2
30°	8092.8	8629.4	9279.2	9930.1	10227.4	10310.7	9528.2
32.5°	8267.2	8793.1	9501.0	10210.0	10659.4	10924.7	10149.0
35°	8530.6	9022.6	9760.6	10498.6	11079.7	11564.0	10790.1
37.5°	8982.9	9406.1	10087.0	10768.8	11522.3	12249.7	11496.2
40°	9645.3	9944.6	10519.9	11096.2	12044.3	13026.4	12283.6
42.5°	10481.2	10635.2	11091.3	11547.5	12589.6	13731.5	13053.5
45°	11386.7	11427.4	11714.1	12001.7	13021.6	14211.8	13631.7
47.5°	12258.4	12118.9	12233.2	12347.5	13352.8	14554.7	14070.4
50°	13155.2	12766.8	12706.8	12646.7	13684.0	14958.6	14628.3
52.5°	14067.5	13427.4	13190.1	12951.8	14079.2	15494.1	15322.7
55°	14960.5	14146.0	13826.4	13506.8	14683.5	16147.9	16342.6
57.5°	15889.3	14966.3	14669.9	14373.6	15571.6	16976.0	17257.8
60°	16888.8	15974.5	15737.2	15499.0	16675.7	17870.9	17665.5
62.5°	17837.0	17110.6	16985.6	16859.7	17792.4	18558.5	17506.7
65°	18470.4	18055.8	18172.1	18289.3	18636.9	18729.9	17041.8
67.5°	18047.1	18131.4	18622.4	19114.4	18875.2	18220.5	16125.6
70°	15695.6	16201.2	17364.3	18528.5	17997.7	16855.9	14481.1
72.5°	12192.5	12761.0	14487.9	16215.7	15726.6	14328.1	11894.2
75°	9058.4	9700.5	11606.6	13512.6	12833.7	10717.5	8516.1
77.5°	6426.0	6856.0	8737.9	10620.6	9513.6	7134.0	5730.6
80°	4677.9	4546.2	5595.1	6643.9	6459.9	4718.6	3680.3
82.5°	3601.9	3280.3	3774.3	4268.2	4241.1	3274.5	2700.2
85°	2744.7	2615.9	3052.7	3489.5	3115.7	2217.9	1716.2
87.5°	1600.0	1799.5	2313.8	2829.0	2123.0	673.1	333.2
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)