

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: P320569

Luminaire Tested: **GAN-SA5C-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320569
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-SA5C-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 2700K, 1050mA 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: 25981 lumens
Efficiency: N/A
Efficacy: 93.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 279
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



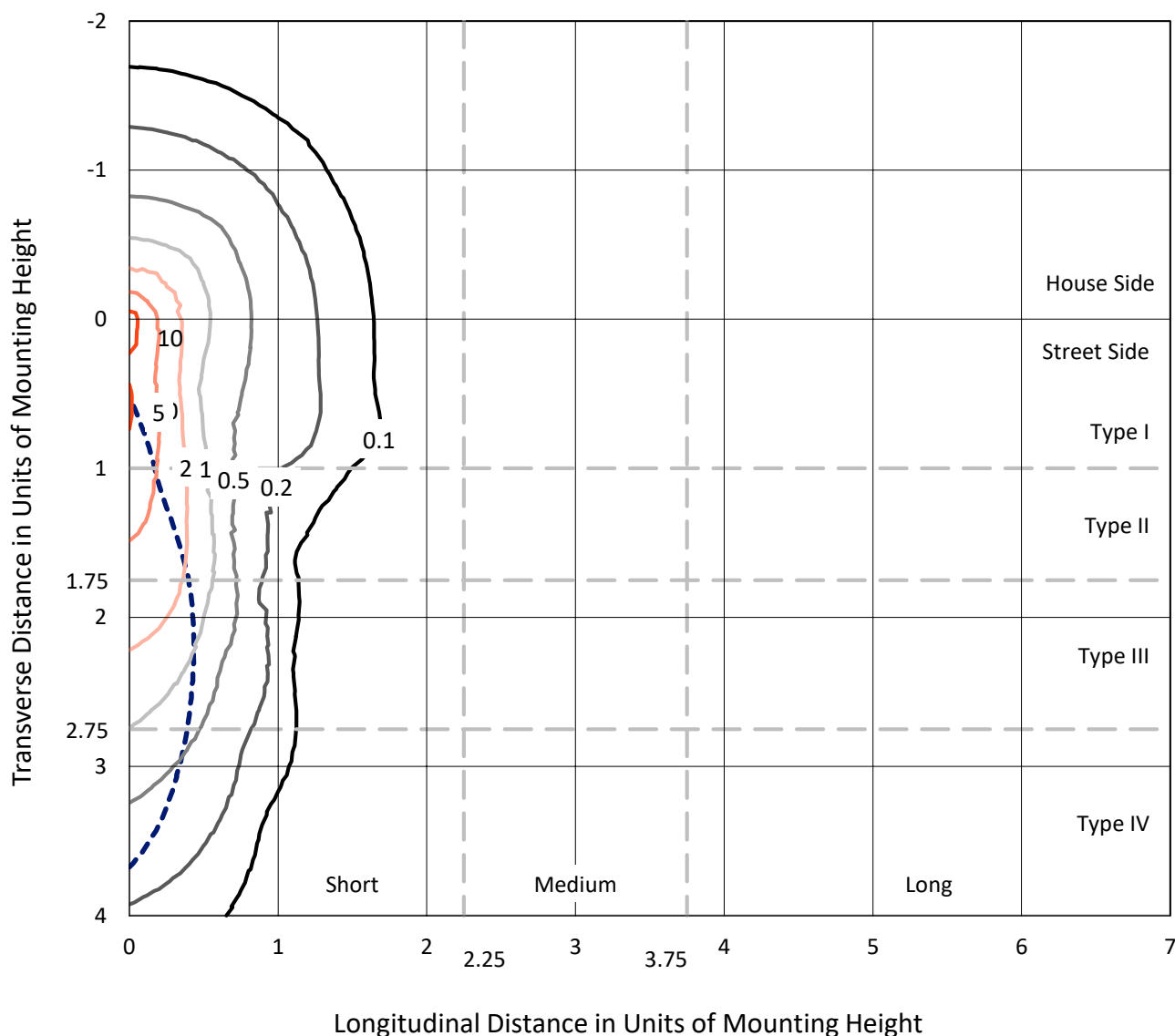
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

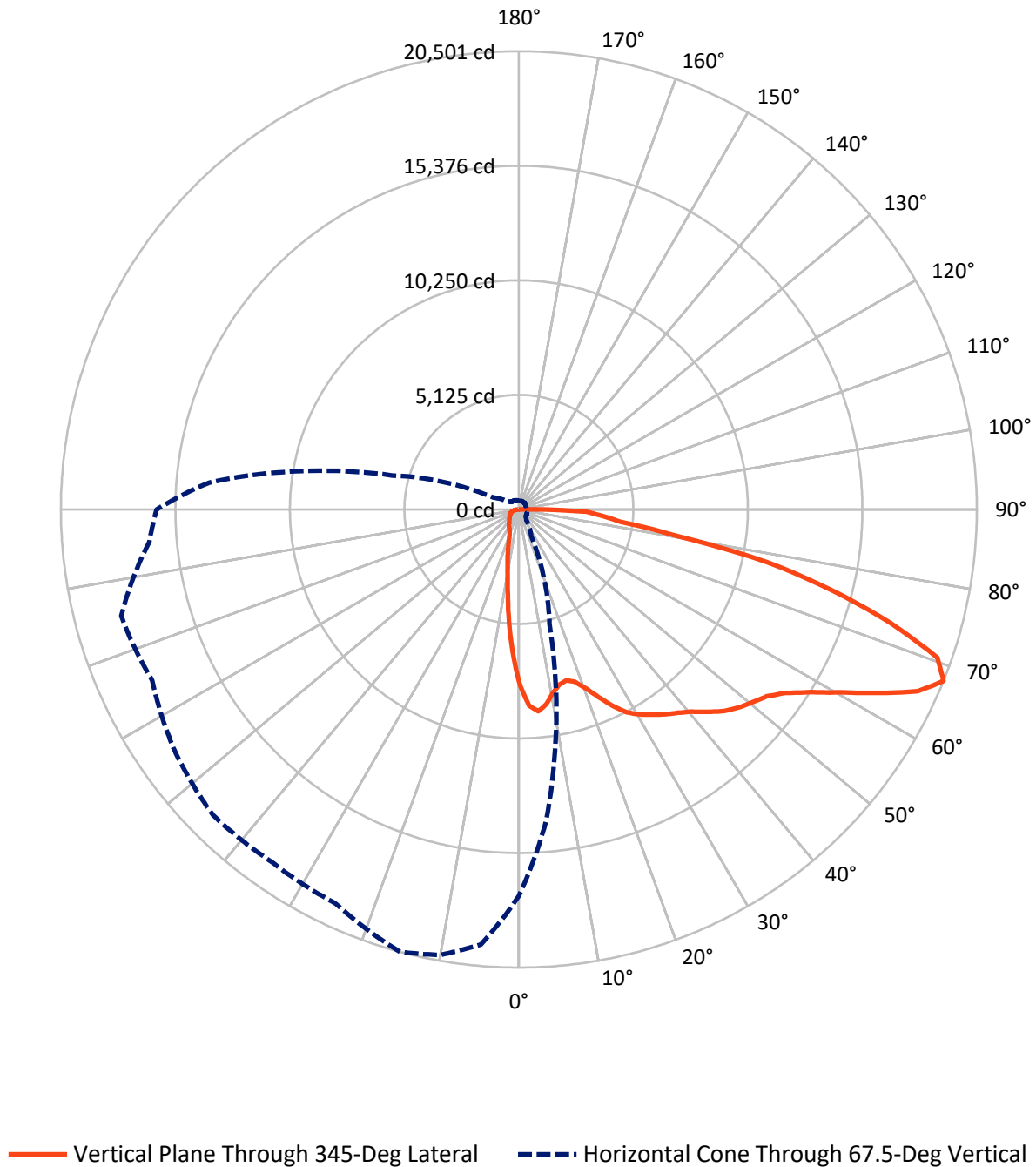
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.7 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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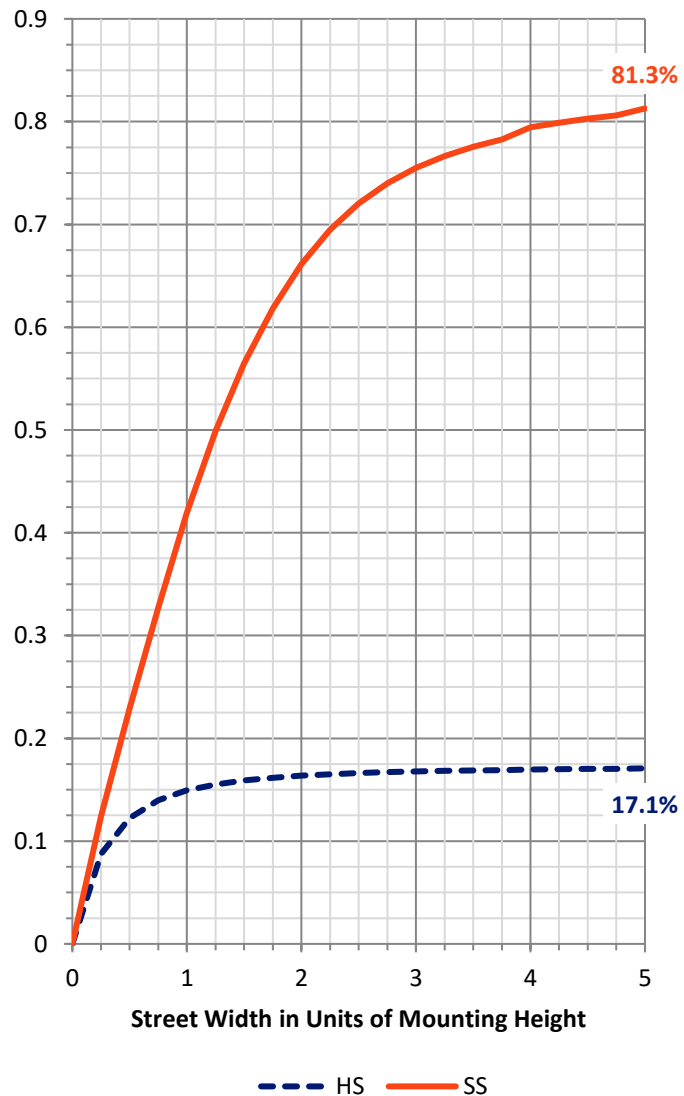
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4491.6	0.0	4491.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	21489.4	0.0	21489.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	25981.0	0.0	25981.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	610.9	2.4
10°-20°	1269.0	4.9
20°-30°	1804.9	6.9
30°-40°	2600.8	10.0
40°-50°	3665.3	14.1
50°-60°	5095.3	19.6
60°-70°	6161.8	23.7
70°-80°	3787.5	14.6
80°-90°	985.5	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	25981.0	100.0
0°-180°	25981.0	100.0

Coefficient of Utilization



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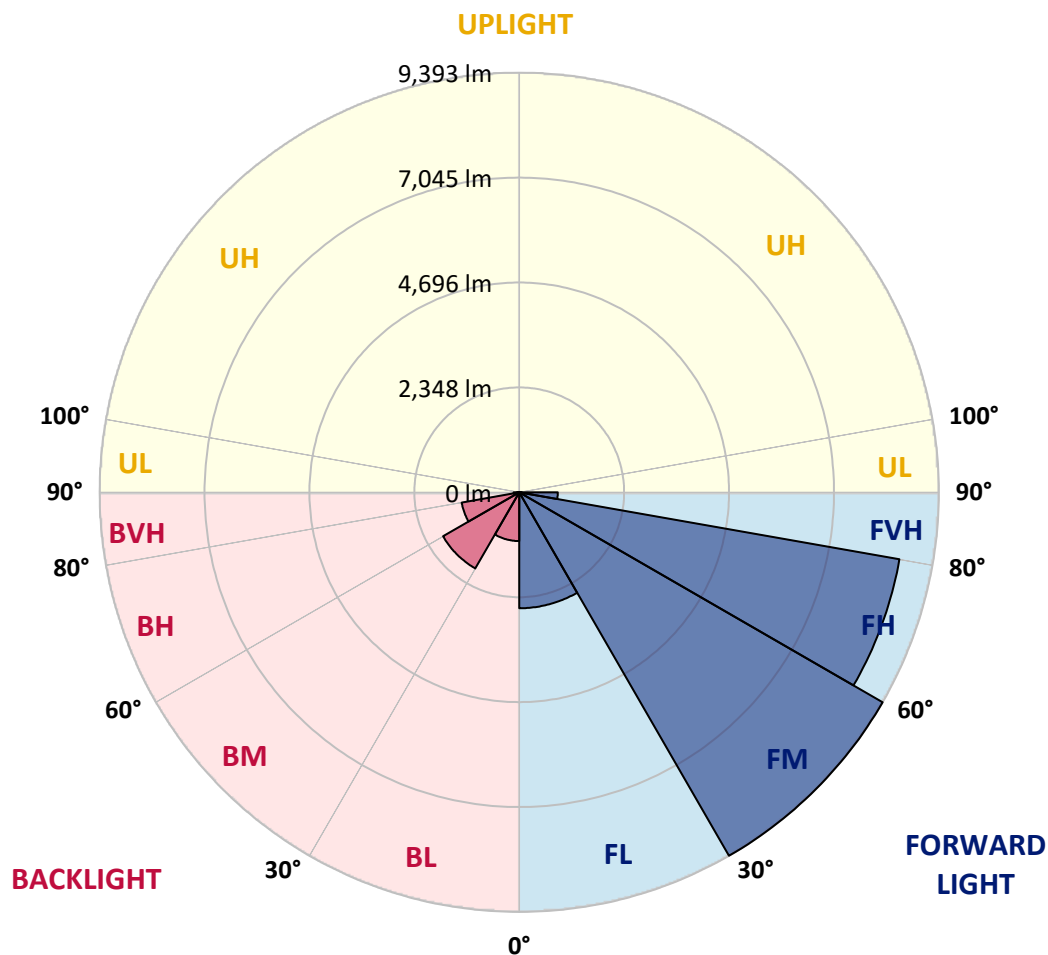
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2594.3	10.0			
FM	(30°-60°)	9392.8	36.2			
FH	(60°-80°)	8640.4	33.3			G4/12000
FVH	(80°-90°)	862.0	3.3			G5
BL	(0°-30°)	1090.5	4.2	B3/2500		
BM	(30°-60°)	1968.6	7.6	B2/2500		
BH	(60°-80°)	1308.9	5.0	B3/2500		G3/2500
BVH	(80°-90°)	123.5	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°	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3
2.5°	8479.3	8404.5	8291.3	8178.1	8094.0	8008.8	7912.2	7815.6	7705.5	7594.3	7528.9
5°	8339.1	8131.4	7861.3	7591.2	7412.5	7233.9	7031.3	6828.8	6628.3	6427.8	6319.8
7.5°	7707.5	7395.9	7044.8	6693.7	6434.0	6173.3	5892.8	5611.3	5362.0	5111.7	4956.9
10°	7086.4	6712.4	6309.4	5905.3	5572.9	5240.5	4959.0	4676.5	4488.4	4300.4	4158.1
12.5°	6640.7	6226.3	5782.7	5338.1	5005.7	4673.3	4494.7	4316.0	4160.2	4004.4	3840.3
15°	6464.2	5995.7	5541.7	5086.8	4784.5	4482.2	4283.8	4084.4	3875.6	3665.8	3464.2
17.5°	6620.0	6071.5	5578.1	5084.7	4688.9	4293.2	4015.8	3737.4	3462.2	3186.9	2953.2
20°	7106.1	6406.0	5760.9	5114.8	4588.2	4061.5	3689.6	3316.7	2963.6	2610.4	2345.5
22.5°	7788.6	6862.0	6019.6	5177.1	4496.8	3815.3	3348.9	2881.5	2463.9	2046.3	1786.7
25°	8617.5	7466.6	6392.5	5317.4	4459.4	3600.3	3026.9	2453.5	2013.1	1571.6	1386.7
27.5°	9491.1	8187.4	6855.8	5523.0	4465.6	3408.1	2755.8	2102.4	1705.6	1308.8	1182.1
30°	10219.2	9011.2	7395.9	5779.6	4489.5	3199.4	2500.3	1801.2	1474.0	1146.8	1064.7
32.5°	10885.1	9585.6	7803.1	6019.6	4516.5	3012.4	2302.9	1592.4	1325.4	1057.4	989.9
35°	11572.7	10095.6	8087.7	6078.8	4469.8	2859.7	2167.9	1476.1	1229.9	982.7	925.5
37.5°	12330.0	10647.2	8362.0	6075.7	4390.8	2705.9	2063.0	1418.9	1167.6	915.1	873.6
40°	13174.5	11257.0	8659.0	6061.1	4319.1	2576.1	1985.1	1393.0	1133.3	872.6	837.2
42.5°	14000.3	11838.7	8935.3	6032.0	4261.0	2488.9	1908.2	1327.5	1102.1	875.7	825.8
45°	14620.4	12346.6	9175.3	6002.9	4217.3	2431.7	1847.9	1264.2	1073.0	881.9	818.5
47.5°	15091.0	12856.6	9441.2	6024.8	4213.2	2401.6	1805.4	1209.1	1018.0	825.8	799.8
50°	15689.3	13469.5	9828.7	6187.8	4270.3	2352.8	1755.5	1157.2	965.0	772.8	808.1
52.5°	16434.1	14344.1	10429.1	6513.0	4389.8	2266.6	1676.5	1086.5	900.6	713.6	768.7
55°	17527.9	15464.9	11196.7	6927.4	4534.2	2139.8	1557.1	973.3	815.4	656.5	705.3
57.5°	18509.5	16597.2	11933.2	7268.1	4624.5	1979.9	1406.5	833.1	719.9	606.6	634.7
60°	18946.8	17181.0	12278.1	7374.1	4570.5	1766.9	1237.2	706.4	635.7	565.1	559.9
62.5°	18776.5	16810.1	11938.4	7066.6	4306.7	1546.7	1087.6	628.4	575.5	521.5	510.0
65°	18277.9	15644.6	10986.9	6329.1	3861.0	1393.0	993.0	593.1	533.9	474.7	462.2
67.5°	17295.2	13985.8	9638.6	5291.4	3294.9	1298.4	939.0	579.6	507.9	435.2	420.7
70°	15531.4	11989.3	8085.6	4181.0	2711.1	1240.3	903.7	567.2	479.9	391.6	378.1
72.5°	12756.9	9612.6	6456.9	3300.1	2266.6	1233.0	899.6	566.1	457.1	348.0	335.5
75°	9133.7	7301.4	4928.9	2555.3	1856.3	1157.2	853.9	550.5	425.9	300.2	288.8
77.5°	6146.3	5053.5	3425.8	1797.0	1377.4	957.7	717.8	477.8	364.6	251.4	240.0
80°	3947.3	3497.5	2295.6	1093.8	893.3	692.8	513.1	333.4	265.9	197.4	188.0
82.5°	2896.0	2603.1	1595.5	587.9	496.5	404.1	313.7	223.3	181.8	140.2	136.1
85°	1840.7	2029.7	1174.8	319.9	261.8	203.6	168.3	133.0	104.9	76.9	76.9
87.5°	357.3	494.4	325.1	154.8	113.2	71.7	61.3	49.9	28.0	5.2	6.2
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°	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3
2.5°	7462.4	7390.7	7319.0	7238.0	7156.0	7080.1	7003.3	6919.1	6934.7	6870.3	6805.9
5°	6211.7	6097.5	5982.2	5882.5	5782.7	5696.5	5609.3	5531.4	5598.9	5553.2	5507.5
7.5°	4801.1	4659.8	4517.5	4398.1	4278.6	4186.2	4092.7	4028.3	4094.8	4086.5	4078.1
10°	4015.8	3878.7	3740.5	3608.6	3476.7	3364.5	3251.3	3155.7	3139.1	3091.3	3042.5
12.5°	3675.1	3487.1	3298.0	3159.9	3021.7	2887.7	2753.7	2641.5	2590.6	2511.7	2431.7
15°	3262.7	3040.4	2818.1	2661.3	2503.4	2373.5	2242.7	2146.1	2113.9	2052.6	1991.3
17.5°	2719.5	2476.4	2233.3	2074.4	1914.4	1810.5	1705.6	1641.2	1641.2	1623.6	1605.9
20°	2080.6	1863.5	1646.4	1524.9	1403.4	1348.3	1292.2	1265.2	1273.5	1274.5	1274.5
22.5°	1525.9	1393.0	1260.0	1211.2	1161.3	1141.6	1121.9	1110.4	1114.6	1115.6	1116.7
25°	1201.8	1150.9	1099.0	1074.1	1048.1	1035.6	1023.2	1019.0	1028.4	1029.4	1029.4
27.5°	1055.4	1024.2	992.0	976.4	959.8	954.6	949.4	942.1	951.5	951.5	950.5
30°	981.6	948.4	915.1	895.4	875.7	877.7	878.8	876.7	882.9	887.1	890.2
32.5°	921.4	889.2	857.0	837.2	816.5	813.3	810.2	808.1	821.7	828.9	836.2
35°	867.4	832.0	796.7	778.0	759.3	752.1	744.8	739.6	752.1	761.4	770.8
37.5°	831.0	794.6	757.3	739.6	720.9	711.5	702.2	696.0	701.2	705.3	709.5
40°	801.9	764.5	726.1	705.3	684.5	675.2	665.8	660.6	663.8	664.8	665.8
42.5°	774.9	738.6	702.2	679.3	655.5	644.0	632.6	626.4	628.4	630.5	631.6
45°	755.2	718.8	681.4	654.4	626.4	613.9	601.4	594.2	595.2	595.2	595.2
47.5°	773.9	720.9	666.9	635.7	603.5	589.0	574.4	567.2	565.1	563.0	560.9
50°	842.4	752.1	660.6	621.2	580.7	565.1	548.5	540.2	535.0	532.9	530.8
52.5°	822.7	744.8	665.8	614.9	563.0	544.3	525.6	512.1	506.9	503.8	500.7
55°	753.1	704.3	654.4	593.1	531.8	515.2	497.6	488.2	478.9	476.8	474.7
57.5°	661.7	641.9	622.2	559.9	497.6	482.0	465.4	459.1	450.8	450.8	449.8
60°	553.7	582.7	611.8	540.2	467.4	449.8	432.1	426.9	423.8	422.8	421.7
62.5°	497.6	545.3	592.1	516.3	439.4	420.7	402.0	395.8	394.7	395.8	395.8
65°	449.8	464.3	478.9	443.5	408.2	389.5	369.8	363.6	365.6	368.8	371.9
67.5°	406.2	403.0	399.9	387.5	374.0	358.4	341.7	335.5	336.6	340.7	344.9
70°	364.6	360.4	355.3	345.9	336.6	323.1	309.5	305.4	304.4	309.5	313.7
72.5°	323.1	317.9	311.6	304.4	296.0	284.6	273.2	270.1	271.1	274.2	277.3
75°	277.3	273.2	268.0	261.8	254.5	244.1	233.7	231.6	233.7	236.8	240.0
77.5°	227.5	226.4	224.4	219.2	214.0	202.6	190.1	189.1	192.2	195.3	197.4
80°	177.6	178.7	179.7	175.5	171.4	158.9	145.4	144.4	147.5	150.6	153.7
82.5°	130.9	134.0	136.1	130.9	125.7	111.1	96.6	94.5	104.9	108.0	111.1
85°	75.8	80.0	84.1	80.0	75.8	61.3	46.7	45.7	55.1	60.2	65.4
87.5°	6.2	8.3	10.4	9.3	8.3	4.2	0.0	0.0	1.0	5.2	9.3
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: P320569
 CATALOG NUMBER: GAN-SA5C-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: P320569

CATALOG NUMBER: GAN-SA5C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3
2.5°	6765.4	6724.9	6712.4	6700.0	6654.2	6607.5	6655.3	6702.0	6721.8	6741.5	6690.6
5°	5501.2	5494.0	5494.0	5492.9	5451.4	5408.8	5441.0	5472.1	5402.6	5333.0	5325.7
7.5°	4122.8	4167.5	4203.8	4239.1	4225.6	4212.1	4242.3	4272.4	4184.1	4094.8	4051.1
10°	3052.9	3062.2	3101.7	3141.2	3150.5	3158.8	3196.2	3232.6	3164.0	3095.5	3065.4
12.5°	2381.9	2332.0	2337.2	2341.3	2360.0	2377.7	2417.2	2455.6	2427.6	2398.5	2401.6
15°	1929.0	1865.6	1839.6	1812.6	1833.4	1854.2	1882.2	1909.2	1910.3	1910.3	1937.3
17.5°	1574.7	1542.5	1516.6	1489.6	1517.6	1544.6	1547.7	1550.9	1551.9	1552.9	1550.9
20°	1290.1	1305.7	1297.4	1289.1	1299.5	1308.8	1317.1	1324.4	1315.1	1304.7	1278.7
22.5°	1131.2	1144.7	1155.1	1164.4	1182.1	1198.7	1190.4	1181.1	1162.4	1142.6	1122.9
25°	1038.8	1048.1	1058.5	1068.9	1083.4	1096.9	1082.4	1067.8	1054.3	1040.8	1027.3
27.5°	960.8	970.2	979.5	987.9	1001.4	1013.8	1000.3	986.8	975.4	964.0	953.6
30°	897.5	903.7	911.0	918.3	930.7	942.1	930.7	918.3	909.9	900.6	893.3
32.5°	843.5	849.7	852.8	855.9	867.4	878.8	870.5	862.2	854.9	847.6	842.4
35°	784.3	796.7	798.8	800.9	812.3	823.7	818.5	812.3	804.0	795.7	786.3
37.5°	724.0	738.6	746.9	754.1	765.6	777.0	771.8	766.6	755.2	743.7	727.1
40°	673.1	679.3	694.9	709.5	728.2	745.8	735.4	724.0	706.4	688.7	680.4
42.5°	630.5	629.5	644.0	658.6	686.6	713.6	694.9	676.2	659.6	643.0	640.9
45°	593.1	590.0	597.3	604.6	634.7	663.8	645.1	625.3	616.0	606.6	606.6
47.5°	559.9	557.8	563.0	567.2	585.9	603.5	594.2	584.8	579.6	574.4	575.5
50°	529.8	527.7	532.9	537.0	544.3	550.5	552.6	553.7	550.5	547.4	549.5
52.5°	501.7	501.7	503.8	504.8	514.2	523.5	523.5	522.5	522.5	522.5	524.6
55°	477.8	479.9	479.9	479.9	494.4	507.9	503.8	499.6	500.7	500.7	502.8
57.5°	453.9	457.1	459.1	461.2	475.7	490.3	486.1	482.0	482.0	482.0	483.0
60°	426.9	431.1	435.2	439.4	453.9	468.5	464.3	459.1	460.2	461.2	462.2
62.5°	401.0	405.1	409.3	413.4	428.0	442.5	438.4	433.2	436.3	438.4	438.4
65°	376.0	379.1	383.3	387.5	401.0	414.5	410.3	406.2	410.3	413.4	415.5
67.5°	348.0	350.1	354.2	358.4	371.9	385.4	381.2	376.0	381.2	385.4	389.5
70°	315.8	317.9	323.1	327.2	340.7	354.2	349.0	343.8	349.0	354.2	358.4
72.5°	280.5	282.5	287.7	291.9	307.5	323.1	316.8	310.6	316.8	323.1	325.1
75°	242.0	244.1	250.3	255.5	271.1	286.7	281.5	275.3	280.5	285.7	286.7
77.5°	200.5	203.6	211.9	220.2	232.7	245.1	242.0	238.9	242.0	245.1	245.1
80°	156.9	160.0	170.4	179.7	187.0	194.2	195.3	196.3	197.4	198.4	197.4
82.5°	116.3	120.5	129.8	139.2	139.2	139.2	147.5	154.8	154.8	153.7	152.7
85°	71.7	76.9	85.2	93.5	88.3	83.1	96.6	109.1	109.1	108.0	106.0
87.5°	14.5	19.7	28.0	35.3	30.1	24.9	38.4	51.9	53.0	53.0	50.9
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: P320569
 CATALOG NUMBER: GAN-SA5C-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: P320569

CATALOG NUMBER: GAN-SA5C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3
2.5°	6638.7	6719.7	6799.7	6820.4	6851.6	6865.1	6877.6	6979.4	7080.1	7198.6	7317.0
5°	5317.4	5377.6	5437.9	5447.2	5479.4	5496.0	5512.7	5636.3	5758.8	5924.0	6089.2
7.5°	4007.5	4022.0	4036.6	4034.5	4061.5	4097.9	4133.2	4265.1	4396.0	4573.6	4750.2
10°	3035.2	3068.5	3100.7	3130.8	3190.0	3258.6	3326.1	3461.1	3596.2	3771.7	3946.2
12.5°	2404.7	2443.1	2480.5	2513.8	2582.3	2673.7	2764.1	2926.2	3088.2	3298.0	3506.8
15°	1963.2	1960.1	1957.0	1979.9	2040.1	2139.8	2238.5	2409.9	2581.3	2811.9	3041.5
17.5°	1548.8	1533.2	1517.6	1535.3	1591.4	1673.4	1754.5	1899.9	2044.3	2267.6	2490.9
20°	1252.7	1242.3	1232.0	1248.6	1283.9	1318.2	1352.5	1457.4	1561.2	1743.0	1923.8
22.5°	1102.1	1101.1	1099.0	1108.3	1125.0	1142.6	1159.2	1210.1	1260.0	1377.4	1493.7
25°	1013.8	1012.8	1011.7	1015.9	1029.4	1042.9	1056.4	1089.7	1122.9	1179.0	1235.1
27.5°	943.2	941.1	939.0	940.1	943.2	964.0	983.7	999.3	1013.8	1052.3	1089.7
30°	886.1	885.0	884.0	884.0	880.9	888.1	895.4	919.3	942.1	981.6	1021.1
32.5°	837.2	832.0	826.8	815.4	808.1	818.5	828.9	853.9	878.8	915.1	951.5
35°	775.9	762.4	747.9	741.7	742.7	753.1	763.5	788.4	812.3	851.8	890.2
37.5°	709.5	705.3	700.1	699.1	702.2	712.6	723.0	744.8	765.6	805.0	843.5
40°	672.1	670.0	667.9	665.8	667.9	678.3	688.7	709.5	729.2	767.6	805.0
42.5°	638.8	637.8	636.8	636.8	637.8	649.2	660.6	681.4	701.2	735.4	769.7
45°	606.6	607.7	607.7	609.7	612.9	624.3	634.7	657.5	680.4	713.6	746.9
47.5°	576.5	579.6	581.7	586.9	590.0	602.5	613.9	638.8	663.8	705.3	745.8
50°	550.5	553.7	555.7	559.9	568.2	582.7	597.3	627.4	656.5	726.1	794.6
52.5°	526.6	529.8	532.9	537.0	547.4	564.0	580.7	618.1	654.4	735.4	816.5
55°	504.8	507.9	510.0	516.3	526.6	541.2	554.7	600.4	646.1	705.3	764.5
57.5°	484.1	487.2	489.3	493.4	498.6	514.2	528.7	577.5	626.4	667.9	708.4
60°	462.2	464.3	465.4	465.4	469.5	487.2	504.8	567.2	628.4	621.2	612.9
62.5°	438.4	440.4	441.5	438.4	443.5	462.2	480.9	562.0	643.0	593.1	543.3
65°	416.5	415.5	414.5	411.3	417.6	436.3	453.9	494.4	535.0	515.2	495.5
67.5°	392.6	389.5	386.4	382.3	388.5	405.1	420.7	434.2	447.7	449.8	451.9
70°	362.5	358.4	354.2	353.2	356.3	369.8	383.3	392.6	401.0	405.1	408.2
72.5°	327.2	324.1	321.0	318.9	319.9	331.4	341.7	350.1	358.4	361.5	363.6
75°	287.7	287.7	286.7	280.5	280.5	289.8	298.1	305.4	312.7	316.8	321.0
77.5°	245.1	246.2	246.2	237.9	236.8	246.2	254.5	260.7	265.9	270.1	273.2
80°	196.3	194.2	192.2	187.0	184.9	196.3	206.7	211.9	216.1	217.1	217.1
82.5°	150.6	146.5	141.3	129.8	130.9	143.3	154.8	158.9	163.1	163.1	163.1
85°	102.8	94.5	85.2	75.8	76.9	90.4	102.8	107.0	111.1	113.2	114.3
87.5°	48.8	40.5	31.2	23.9	23.9	35.3	45.7	47.8	49.9	54.0	58.2
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: P320569
 CATALOG NUMBER: GAN-SA5C-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: P320569

CATALOG NUMBER: GAN-SA5C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3
2.5°	7407.3	7496.7	7589.1	7681.6	7787.5	7893.5	8017.1	8139.7	8244.6	8349.5	8436.7
5°	6231.5	6373.8	6541.0	6708.3	6921.2	7134.2	7394.9	7654.6	7886.2	8117.8	8386.9
7.5°	4936.2	5121.0	5339.2	5557.3	5832.6	6107.9	6445.5	6783.1	7110.3	7436.4	7849.9
10°	4140.5	4334.7	4549.7	4763.7	5044.2	5323.6	5680.9	6037.2	6404.9	6771.6	7239.1
12.5°	3722.9	3937.9	4127.0	4316.0	4543.5	4770.0	5115.9	5461.8	5893.9	6325.0	6774.7
15°	3277.3	3512.0	3738.5	3964.9	4213.2	4460.4	4797.0	5133.5	5606.1	6078.8	6596.1
17.5°	2738.2	2985.4	3261.7	3537.0	3861.0	4184.1	4615.2	5046.3	5606.1	6165.0	6774.7
20°	2176.2	2428.6	2758.9	3089.2	3492.3	3894.3	4453.1	5012.0	5766.1	6519.2	7297.2
22.5°	1717.1	1939.4	2299.8	2659.2	3124.6	3589.9	4306.7	5022.4	6008.1	6992.9	8043.1
25°	1391.9	1548.8	1903.0	2256.2	2793.2	3330.2	4217.3	5103.4	6360.3	7616.1	8918.7
27.5°	1192.5	1295.3	1625.6	1954.9	2541.8	3127.7	4181.0	5233.2	6806.9	8380.7	9871.3
30°	1092.8	1164.4	1443.9	1722.3	2318.5	2914.7	4137.3	5360.0	7237.0	9113.0	10616.0
32.5°	1009.7	1066.8	1305.7	1543.6	2125.3	2707.0	4053.2	5398.4	7537.2	9676.0	11246.6
35°	939.0	986.8	1194.6	1402.3	1973.6	2544.9	3911.9	5278.9	7725.2	10171.5	11903.1
37.5°	881.9	919.3	1111.5	1303.6	1842.7	2381.9	3750.9	5120.0	7892.4	10664.9	12641.6
40°	837.2	869.4	1049.1	1228.8	1718.1	2207.3	3612.8	5017.2	8123.0	11228.9	13421.7
42.5°	812.3	853.9	995.1	1135.4	1599.7	2064.0	3501.6	4939.3	8337.0	11733.7	14104.2
45°	806.1	865.3	967.1	1068.9	1511.4	1953.9	3403.0	4851.0	8475.2	12099.4	14618.4
47.5°	795.7	844.5	945.3	1046.0	1467.8	1888.5	3350.0	4810.5	8613.3	12415.2	15045.3
50°	801.9	808.1	927.6	1046.0	1461.5	1877.0	3410.2	4943.4	8912.5	12880.5	15533.5
52.5°	790.5	763.5	894.4	1025.2	1460.5	1895.7	3583.7	5271.7	9468.2	13663.7	16062.2
55°	730.2	694.9	832.0	969.2	1438.7	1907.1	3790.4	5672.6	10214.1	14754.4	17012.7
57.5°	677.3	645.1	761.4	876.7	1372.2	1867.7	4003.4	6138.0	11002.5	15865.9	18083.6
60°	606.6	599.4	682.5	765.6	1269.4	1772.1	4178.9	6584.7	11532.2	16478.8	18496.0
62.5°	548.5	552.6	613.9	675.2	1140.5	1604.9	4237.1	6868.2	11517.7	16167.1	18080.5
65°	503.8	511.1	571.3	631.6	1030.4	1429.3	4045.9	6661.5	10934.9	15207.3	17258.9
67.5°	460.2	468.5	540.2	610.8	932.8	1253.8	3568.1	5881.4	9886.8	13891.2	16213.9
70°	418.6	429.0	506.9	584.8	862.2	1138.5	2952.1	4765.8	8574.9	12383.0	15003.7
72.5°	374.0	384.3	467.4	550.5	817.5	1083.4	2406.8	3729.1	6958.6	10187.0	12833.8
75°	328.2	335.5	425.9	515.2	756.2	997.2	1888.5	2778.7	5325.7	7872.7	9693.6
77.5°	282.5	291.9	367.7	442.5	641.9	840.4	1423.1	2005.8	3907.8	5808.7	6741.5
80°	225.4	233.7	287.7	340.7	495.5	649.2	978.5	1307.8	2689.3	4070.9	4596.5
82.5°	172.4	181.8	218.1	253.5	353.2	452.9	593.1	733.4	1786.7	2838.9	2882.5
85°	118.4	121.5	147.5	172.4	218.1	263.8	339.7	415.5	1182.1	1948.7	1623.6
87.5°	59.2	59.2	76.9	94.5	117.4	140.2	179.7	218.1	378.1	538.1	309.5
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: P320569
 CATALOG NUMBER: GAN-SA5C-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: P320569

CATALOG NUMBER: GAN-SA5C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3
2.5°	8547.9	8623.7	8700.6	8758.8	8818.0	8903.1	8988.3	9003.9	9020.5	8987.3	8954.0
5°	8658.0	8887.6	9118.2	9331.1	9544.1	9671.8	9799.6	9825.6	9851.5	9771.5	9690.5
7.5°	8249.8	8649.7	9049.6	9416.3	9783.0	10005.3	10228.6	10278.5	10329.4	10198.5	10067.6
10°	7704.4	8195.8	8687.1	9170.1	9653.1	9976.2	10299.2	10363.6	10428.0	10264.9	10101.9
12.5°	7282.7	7807.3	8331.8	8840.8	9350.8	9685.3	10019.8	10099.8	10179.8	10061.4	9941.9
15°	7152.8	7646.3	8139.7	8583.2	9027.8	9301.0	9575.2	9607.4	9640.7	9622.0	9603.3
17.5°	7388.6	7834.3	8280.9	8521.9	8764.0	8873.0	8983.1	9018.4	9054.8	9101.5	9149.3
20°	7960.0	8273.7	8588.4	8578.0	8566.6	8513.6	8459.6	8450.2	8440.9	8574.9	8709.9
22.5°	8812.8	8937.4	9063.1	8771.2	8479.3	8301.7	8123.0	8087.7	8051.4	8193.7	8337.0
25°	9738.3	9715.4	9691.6	9135.8	8579.1	8240.4	7901.8	7862.3	7822.8	7944.4	8066.9
27.5°	10654.5	10504.9	10355.3	9600.1	8845.0	8353.6	7862.3	7822.8	7783.4	7891.4	7999.4
30°	11326.6	11086.6	10846.7	9991.8	9136.9	8553.1	7969.3	7904.9	7839.5	7972.4	8105.4
32.5°	11851.1	11529.1	11207.1	10309.6	9412.1	8780.6	8149.0	8048.3	7947.5	8125.1	8302.7
35°	12374.7	11921.8	11467.8	10593.2	9717.5	9049.6	8380.7	8257.0	8133.4	8377.5	8621.6
37.5°	13033.2	12383.0	11731.7	10912.1	10092.5	9452.6	8811.7	8685.0	8558.3	8868.9	9180.5
40°	13747.9	12880.5	12013.2	11261.1	10509.1	10010.5	9510.8	9390.3	9268.8	9646.9	10025.0
42.5°	14342.1	13343.8	12345.6	11681.8	11017.0	10665.9	10313.8	10312.7	10310.7	10694.0	11077.3
45°	14825.1	13730.2	12634.3	12092.1	11548.8	11366.0	11183.2	11329.7	11476.1	11822.0	12169.0
47.5°	15185.5	14054.3	12922.1	12561.6	12201.2	12228.2	12255.2	12553.3	12851.4	13073.7	13297.1
50°	15420.3	14348.3	13275.3	13164.1	13053.0	13295.0	13538.1	13879.8	14222.6	14374.3	14525.9
52.5°	15762.0	14747.2	13731.3	13855.9	13980.6	14475.0	14969.5	15315.4	15661.3	15717.4	15774.5
55°	16552.5	15480.5	14407.5	14646.4	14886.4	15611.4	16337.5	16607.6	16877.6	16898.4	16919.2
57.5°	17675.4	16507.8	15340.3	15597.9	15855.5	16692.7	17531.0	17821.9	18113.8	18073.2	18031.7
60°	18515.8	17483.2	16449.7	16709.4	16969.1	17785.5	18602.0	18936.5	19272.0	19182.6	19093.3
62.5°	18567.7	18016.1	17463.5	17698.3	17934.1	18733.9	19533.7	19877.6	20221.4	20065.6	19909.8
65°	17741.9	17989.1	18236.3	18314.2	18392.1	19138.0	19884.8	20147.6	20411.5	20332.5	20253.6
67.5°	16604.5	17515.4	18427.5	18270.6	18113.8	18463.8	18813.9	19085.0	19356.1	19311.4	19265.7
70°	15469.1	16685.5	17901.9	17131.1	16359.3	16214.9	16070.5	16362.4	16655.4	16474.6	16292.8
72.5°	13536.0	14832.3	16129.7	14709.8	13289.8	12796.4	12303.0	12673.8	13044.6	12756.9	12468.1
75°	10625.4	12057.8	13491.3	11797.1	10102.9	9444.3	8785.8	9104.7	9423.6	9226.2	9027.8
77.5°	7910.1	9321.8	10733.4	9011.2	7287.9	6798.6	6308.3	6402.9	6498.4	6465.2	6430.9
80°	5365.2	6348.9	7333.6	6186.8	5040.0	5077.4	5115.9	5071.2	5025.5	5092.0	5158.4
82.5°	3423.7	4183.1	4943.4	4334.7	3726.0	4075.0	4424.0	4252.7	4080.2	4143.6	4208.0
85°	1953.9	2696.6	3440.3	3206.6	2971.9	3175.5	3380.1	3114.2	2848.3	2964.6	3082.0
87.5°	515.2	1491.6	2469.1	2241.6	2014.1	1750.3	1486.5	1134.3	782.2	1142.6	1503.1
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: P320569
 CATALOG NUMBER: GAN-SA5C-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°	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3	7915.3
2.5°	8936.4	8918.7	8855.4	8791.0	8695.4	8616.4	8479.3
5°	9578.3	9466.1	9272.9	9078.7	8862.6	8614.4	8339.1
7.5°	9805.8	9543.0	9172.2	8800.3	8465.8	8073.2	7707.5
10°	9709.2	9315.5	8833.5	8350.5	7944.4	7492.5	7086.4
12.5°	9524.3	9105.7	8574.9	8043.1	7580.8	7095.7	6640.7
15°	9269.8	8935.3	8437.8	7940.2	7474.9	7003.3	6464.2
17.5°	8991.4	8832.5	8473.1	8112.7	7709.6	7252.6	6620.0
20°	8767.1	8825.2	8681.9	8538.5	8215.5	7816.6	7106.1
22.5°	8615.4	8894.8	9004.9	9116.1	8921.8	8610.2	7788.6
25°	8530.2	8993.5	9362.3	9732.1	9645.9	9405.9	8617.5
27.5°	8567.6	9135.8	9708.2	10281.6	10361.6	10295.1	9491.1
30°	8679.8	9255.3	9952.3	10650.3	10969.2	11058.6	10219.2
32.5°	8866.8	9430.8	10190.2	10950.5	11432.5	11717.1	10885.1
35°	9149.3	9677.0	10468.5	11260.1	11883.3	12402.7	11572.7
37.5°	9634.4	10088.4	10818.6	11549.9	12358.0	13138.1	12330.0
40°	10344.9	10665.9	11282.9	11901.0	12917.9	13971.2	13174.5
42.5°	11241.4	11406.5	11895.8	12385.0	13502.7	14727.4	14000.3
45°	12212.6	12256.2	12563.7	12872.2	13966.0	15242.6	14620.4
47.5°	13147.5	12997.9	13120.5	13243.1	14321.3	15610.4	15091.0
50°	14109.4	13692.8	13628.4	13564.0	14676.5	16043.5	15689.3
52.5°	15087.9	14401.3	14146.8	13891.2	15100.3	16618.0	16434.1
55°	16045.6	15172.0	14829.2	14486.4	15748.5	17319.1	17527.9
57.5°	17041.8	16051.8	15734.0	15416.1	16701.1	18207.2	18509.5
60°	18113.8	17133.2	16878.7	16623.2	17885.2	19167.1	18946.8
62.5°	19130.7	18351.6	18217.6	18082.6	19082.9	19904.6	18776.5
65°	19810.0	19365.5	19490.1	19615.8	19988.7	20088.4	18277.9
67.5°	19356.1	19446.5	19973.1	20500.8	20244.2	19542.0	17295.2
70°	16834.0	17376.2	18623.8	19872.4	19303.1	18078.4	15531.4
72.5°	13076.9	13686.6	15538.7	17391.8	16867.3	15367.3	12756.9
75°	9715.4	10404.1	12448.4	14492.7	13764.5	11494.8	9133.7
77.5°	6892.1	7353.3	9371.6	11391.0	10203.7	7651.4	6146.3
80°	5017.2	4875.9	6000.9	7125.8	6928.5	5060.8	3947.3
82.5°	3863.1	3518.3	4048.0	4577.8	4548.7	3512.0	2896.0
85°	2943.8	2805.7	3274.1	3742.6	3341.7	2378.7	1840.7
87.5°	1716.0	1930.0	2481.6	3034.2	2276.9	721.9	357.3
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)