

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: P383397

Luminaire Tested: **GAN-SA7A-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383397
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-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 3500K, 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: 26984.1 lumens
Efficiency: N/A
Efficacy: 119.4 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

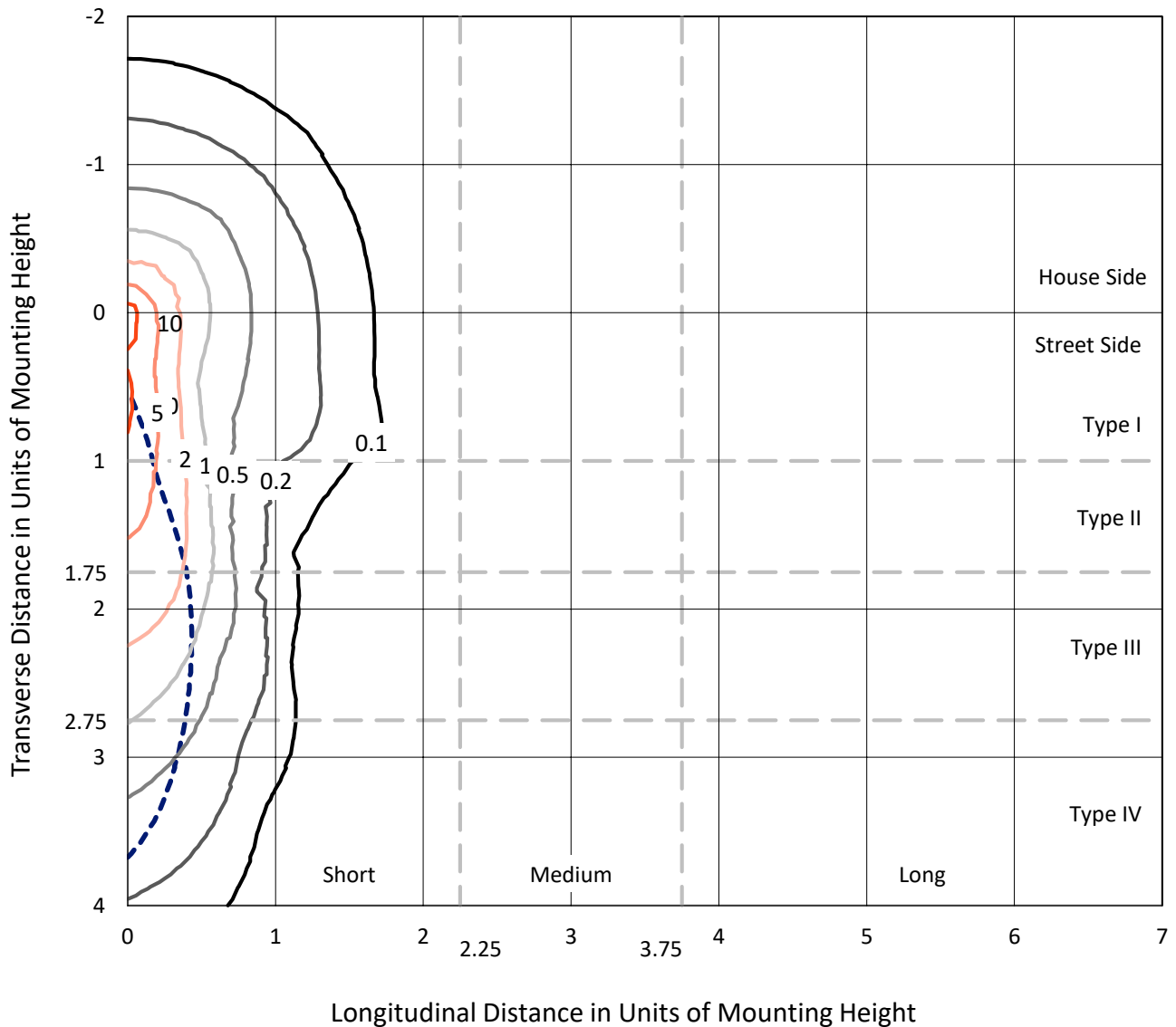
Input Watts (W): 226
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

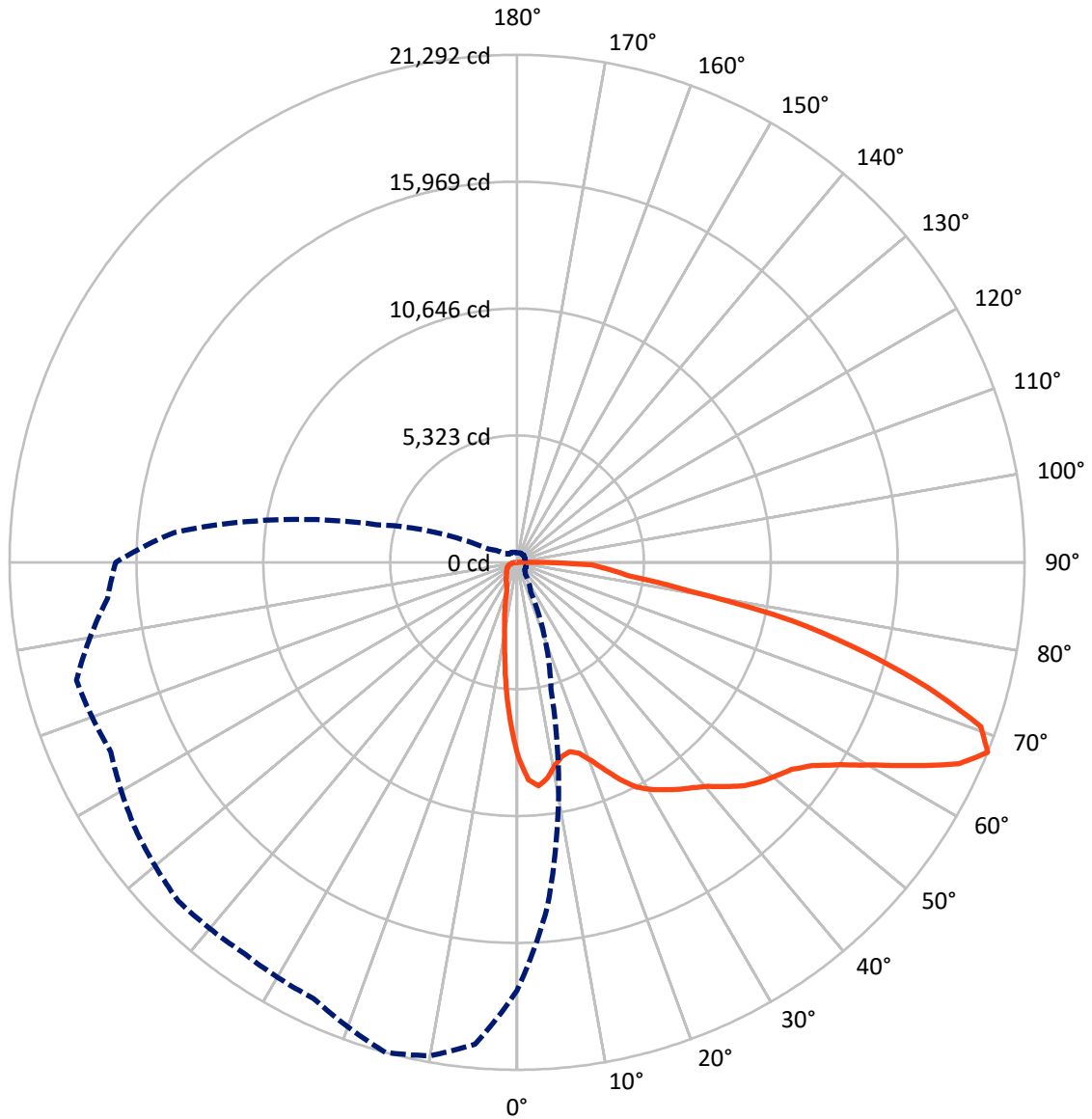
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.2 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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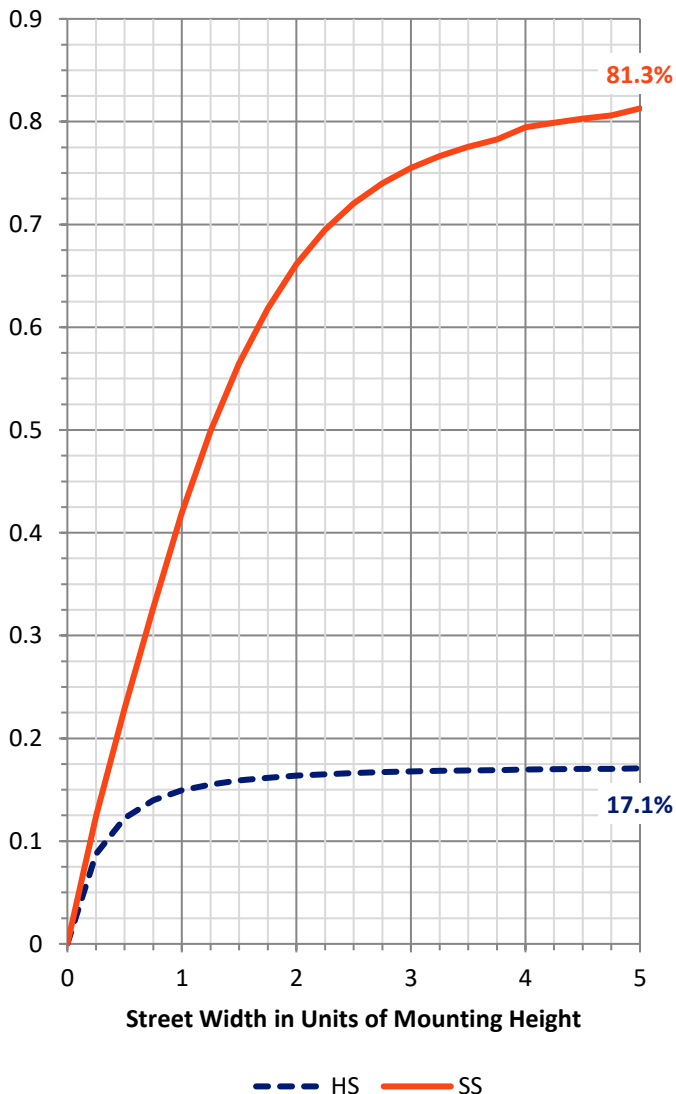
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4665.0	0.0	4665.0
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	22319.2	0.0	22319.2
	% Fixture	82.7	0.0	82.7
Total	Lumens	26984.1	0.0	26984.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	634.5	2.4
10°-20°	1318.0	4.9
20°-30°	1874.5	6.9
30°-40°	2701.2	10.0
40°-50°	3806.8	14.1
50°-60°	5292.1	19.6
60°-70°	6399.7	23.7
70°-80°	3933.8	14.6
80°-90°	1023.6	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°	26984.1	100.0
0°-180°	26984.1	100.0

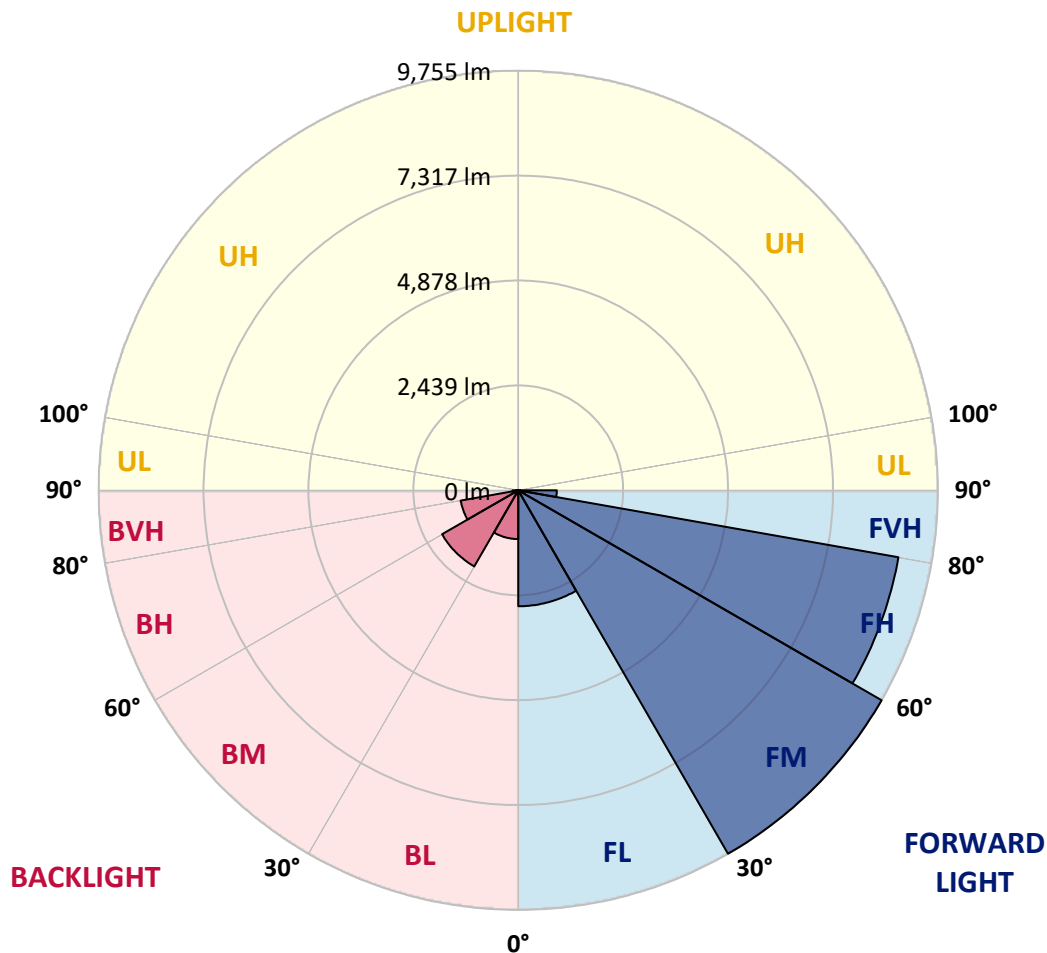


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2694.4	10.0			
FM (30°-60°)	9755.4	36.2			
FH (60°-80°)	8974.0	33.3			G4/12000
FVH (80°-90°)	895.3	3.3			G5
BL (0°-30°)	1132.6	4.2	B3/2500		
BM (30°-60°)	2044.6	7.6	B2/2500		
BH (60°-80°)	1359.4	5.0	B3/2500		G3/2500
BVH (80°-90°)	128.3	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°	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9
2.5°	8806.8	8729.1	8611.4	8493.9	8406.5	8318.0	8217.6	8117.3	8003.0	7887.5	7819.6
5°	8661.1	8445.3	8164.8	7884.3	7698.8	7513.2	7302.8	7092.4	6884.2	6675.9	6563.8
7.5°	8005.2	7681.4	7316.8	6952.1	6682.5	6411.7	6120.4	5828.0	5569.1	5309.1	5148.3
10°	7360.0	6971.6	6553.0	6133.3	5788.1	5442.8	5150.4	4857.0	4661.7	4466.5	4318.7
12.5°	6897.2	6466.7	6006.0	5544.3	5199.1	4853.8	4668.3	4482.7	4320.8	4159.0	3988.5
15°	6713.8	6227.2	5755.8	5283.2	4969.2	4655.3	4449.3	4242.1	4025.2	3807.3	3598.0
17.5°	6875.6	6305.9	5793.5	5281.0	4869.9	4458.9	4170.9	3881.8	3595.9	3310.0	3067.2
20°	7380.5	6653.3	5983.3	5312.3	4765.3	4218.3	3832.1	3444.8	3078.0	2711.2	2436.1
22.5°	8089.3	7126.9	6252.0	5377.1	4670.4	3962.6	3478.2	2992.8	2559.1	2125.3	1855.6
25°	8950.2	7754.9	6639.3	5522.7	4631.6	3739.3	3143.8	2548.2	2090.9	1632.4	1440.3
27.5°	9857.5	8503.5	7120.5	5736.3	4638.0	3539.7	2862.2	2183.6	1771.5	1359.4	1227.8
30°	10613.8	9359.1	7681.4	6002.8	4662.9	3322.9	2596.8	1870.7	1530.9	1191.1	1105.8
32.5°	11305.4	9955.7	8104.4	6252.0	4690.9	3128.7	2391.8	1653.9	1376.6	1098.3	1028.1
35°	12019.6	10485.4	8400.0	6313.5	4642.4	2970.1	2251.6	1533.0	1277.3	1020.6	961.3
37.5°	12806.1	11058.3	8684.8	6310.2	4560.3	2810.4	2142.7	1473.7	1212.6	950.5	907.3
40°	13683.1	11691.6	8993.3	6295.1	4485.9	2675.6	2061.7	1446.8	1177.0	906.2	869.6
42.5°	14540.9	12295.8	9280.4	6264.9	4425.5	2585.0	1981.9	1378.8	1144.7	909.5	857.7
45°	15185.0	12823.3	9529.5	6234.8	4380.1	2525.6	1919.3	1313.0	1114.5	916.0	850.1
47.5°	15673.7	13353.1	9805.7	6257.4	4375.9	2494.3	1875.0	1255.8	1057.3	857.7	830.8
50°	16295.1	13989.6	10208.2	6426.7	4435.2	2443.6	1823.3	1201.9	1002.3	802.7	839.3
52.5°	17068.7	14898.0	10831.8	6764.4	4559.3	2354.1	1741.2	1128.5	935.4	741.1	798.3
55°	18204.7	16062.0	11629.0	7194.9	4709.3	2222.5	1617.2	1010.9	846.9	681.8	732.6
57.5°	19224.2	17238.0	12394.0	7548.8	4803.1	2056.3	1460.8	865.2	747.7	630.1	659.2
60°	19678.4	17844.4	12752.1	7658.8	4747.0	1835.1	1284.9	733.6	660.3	586.9	581.5
62.5°	19501.5	17459.2	12399.4	7339.5	4472.9	1606.5	1129.6	652.7	597.7	541.6	529.7
65°	18983.6	16248.7	11411.1	6573.5	4010.1	1446.8	1031.4	616.0	554.6	493.1	480.1
67.5°	17963.0	14525.7	10010.7	5495.7	3422.1	1348.6	975.3	602.0	527.5	452.1	436.9
70°	16131.1	12452.2	8397.8	4342.4	2815.8	1288.1	938.6	589.0	498.5	406.7	392.7
72.5°	13249.5	9983.8	6706.2	3427.5	2354.1	1280.6	934.2	588.0	474.7	361.4	348.5
75°	9486.4	7583.3	5119.2	2654.0	1927.9	1201.9	886.8	571.8	442.3	311.8	300.0
77.5°	6383.6	5248.6	3558.0	1866.4	1430.6	994.7	745.5	496.2	378.7	261.1	249.2
80°	4099.6	3632.5	2384.3	1136.0	927.8	719.6	532.9	346.3	276.2	204.9	195.3
82.5°	3007.9	2703.6	1657.1	610.6	515.7	419.7	325.9	232.0	188.8	145.6	141.3
85°	1911.7	2108.1	1220.2	332.3	271.9	211.5	174.8	138.1	109.0	79.8	79.8
87.5°	371.1	513.6	337.7	160.8	117.6	74.4	63.6	51.8	29.2	5.4	6.4
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



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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°	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9
2.5°	7750.5	7676.0	7601.6	7517.5	7432.3	7353.5	7273.7	7186.2	7202.4	7135.6	7068.7
5°	6451.6	6332.9	6213.1	6109.6	6006.0	5916.4	5825.8	5744.9	5815.1	5767.6	5720.1
7.5°	4986.5	4839.8	4691.9	4567.8	4443.9	4347.8	4250.7	4183.9	4252.9	4244.2	4235.6
10°	4170.9	4028.5	3884.9	3748.0	3611.0	3494.4	3376.9	3277.6	3260.3	3210.7	3160.0
12.5°	3817.0	3621.8	3425.4	3281.9	3138.4	2999.2	2860.0	2743.5	2690.7	2608.7	2525.6
15°	3388.7	3157.9	2926.9	2764.0	2600.0	2465.2	2329.2	2228.9	2195.5	2131.8	2068.1
17.5°	2824.5	2572.0	2319.6	2154.5	1988.3	1880.4	1771.5	1704.6	1704.6	1686.3	1667.9
20°	2160.9	1935.5	1709.9	1583.7	1457.5	1400.4	1342.1	1314.0	1322.7	1323.7	1323.7
22.5°	1584.8	1446.8	1308.6	1258.0	1206.2	1185.7	1165.2	1153.3	1157.6	1158.7	1159.8
25°	1248.3	1195.4	1141.4	1115.5	1088.6	1075.7	1062.7	1058.3	1068.1	1069.1	1069.1
27.5°	1096.2	1063.7	1030.3	1014.1	996.8	991.4	986.0	978.5	988.3	988.3	987.2
30°	1019.5	985.0	950.5	930.0	909.5	911.6	912.7	910.6	917.0	921.3	924.6
32.5°	957.0	923.5	890.1	869.6	848.0	844.7	841.5	839.3	853.4	860.9	868.5
35°	900.8	864.2	827.5	808.0	788.6	781.1	773.6	768.2	781.1	790.8	800.5
37.5°	863.1	825.4	786.5	768.2	748.7	739.0	729.3	722.9	728.2	732.6	736.9
40°	832.9	794.1	754.1	732.6	711.0	701.3	691.6	686.2	689.3	690.5	691.6
42.5°	804.9	767.0	729.3	705.6	680.8	668.9	657.0	650.6	652.7	654.9	655.9
45°	784.4	746.5	707.7	679.7	650.6	637.6	624.7	617.2	618.2	618.2	618.2
47.5°	803.7	748.7	692.6	660.3	626.8	611.7	596.6	589.0	586.9	584.7	582.6
50°	874.9	781.1	686.2	645.2	603.1	586.9	569.6	561.0	555.6	553.4	551.3
52.5°	854.4	773.6	691.6	638.7	584.7	565.4	545.9	531.9	526.5	523.3	520.0
55°	782.1	731.5	679.7	616.0	552.4	535.1	516.7	507.0	497.4	495.2	493.1
57.5°	687.2	666.7	646.2	581.5	516.7	500.6	483.3	476.9	468.2	468.2	467.2
60°	575.0	605.2	635.4	561.0	485.5	467.2	448.8	443.4	440.2	439.1	438.0
62.5°	516.7	566.4	614.9	536.2	456.4	436.9	417.5	411.0	410.0	411.0	411.0
65°	467.2	482.3	497.4	460.7	423.9	404.6	384.1	377.6	379.8	383.0	386.2
67.5°	421.8	418.6	415.4	402.4	388.4	372.2	354.9	348.5	349.5	353.9	358.2
70°	378.7	374.4	369.0	359.3	349.5	335.5	321.5	317.2	316.1	321.5	325.9
72.5°	335.5	330.1	323.6	316.1	307.5	295.6	283.7	280.5	281.6	284.8	288.0
75°	288.0	283.7	278.3	271.9	264.3	253.6	242.8	240.6	242.8	246.0	249.2
77.5°	236.2	235.2	233.1	227.7	222.3	210.3	197.4	196.4	199.6	202.8	204.9
80°	184.4	185.6	186.7	182.3	178.0	165.1	151.0	150.0	153.2	156.4	159.7
82.5°	135.9	139.2	141.3	135.9	130.5	115.4	100.3	98.2	109.0	112.2	115.4
85°	78.7	83.1	87.4	83.1	78.7	63.6	48.5	47.5	57.2	62.6	68.0
87.5°	6.4	8.7	10.8	9.7	8.7	4.3	0.0	0.0	1.1	5.4	9.7
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: P383397
 CATALOG NUMBER: GAN-SA7A-735-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: P383397

CATALOG NUMBER: GAN-SA7A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9
2.5°	7026.6	6984.6	6971.6	6958.7	6911.2	6862.6	6912.3	6960.8	6981.3	7001.8	6949.0
5°	5713.6	5706.1	5706.1	5705.0	5661.9	5617.6	5651.0	5683.5	5611.2	5538.9	5531.3
7.5°	4282.0	4328.3	4366.2	4402.9	4388.8	4374.7	4406.0	4437.3	4345.7	4252.9	4207.5
10°	3170.8	3180.5	3221.5	3262.5	3272.2	3280.8	3319.7	3357.4	3286.2	3215.0	3183.8
12.5°	2473.8	2422.0	2427.4	2431.7	2451.2	2469.5	2510.5	2550.4	2521.3	2491.1	2494.3
15°	2003.5	1937.6	1910.7	1882.6	1904.2	1925.8	1954.9	1983.0	1984.0	1984.0	2012.0
17.5°	1635.5	1602.1	1575.2	1547.1	1576.2	1604.2	1607.5	1610.7	1611.9	1612.9	1610.7
20°	1339.9	1356.1	1347.5	1338.8	1349.6	1359.4	1368.0	1375.5	1365.8	1355.0	1328.1
22.5°	1174.9	1188.9	1199.6	1209.4	1227.8	1245.0	1236.3	1226.7	1207.3	1186.7	1166.2
25°	1078.8	1088.6	1099.3	1110.1	1125.2	1139.3	1124.2	1109.1	1095.0	1081.1	1067.0
27.5°	998.0	1007.7	1017.3	1026.0	1040.0	1052.9	1039.0	1024.9	1013.1	1001.2	990.4
30°	932.1	938.6	946.2	953.7	966.7	978.5	966.7	953.7	945.1	935.4	927.8
32.5°	876.0	882.5	885.7	889.0	900.8	912.7	904.1	895.5	887.9	880.3	874.9
35°	814.5	827.5	829.6	831.8	843.7	855.5	850.1	843.7	835.0	826.4	816.7
37.5°	751.9	767.0	775.7	783.2	795.1	807.0	801.6	796.2	784.4	772.4	755.2
40°	699.1	705.6	721.8	736.9	756.3	774.6	763.9	751.9	733.6	715.2	706.7
42.5°	654.9	653.8	668.9	684.0	713.1	741.1	721.8	702.3	685.1	667.8	665.7
45°	616.0	612.8	620.3	627.9	659.2	689.3	670.0	649.5	639.8	630.1	630.1
47.5°	581.5	579.3	584.7	589.0	608.5	626.8	617.2	607.4	602.0	596.6	597.7
50°	550.2	548.0	553.4	557.8	565.4	571.8	573.9	575.0	571.8	568.5	570.8
52.5°	521.1	521.1	523.3	524.4	534.1	543.7	543.7	542.6	542.6	542.6	544.9
55°	496.2	498.5	498.5	498.5	513.6	527.5	523.3	519.0	520.0	520.0	522.1
57.5°	471.5	474.7	476.9	479.0	494.1	509.2	504.9	500.6	500.6	500.6	501.6
60°	443.4	447.7	452.1	456.4	471.5	486.5	482.3	476.9	478.0	479.0	480.1
62.5°	416.4	420.8	425.1	429.4	444.5	459.6	455.2	449.8	453.1	455.2	455.2
65°	390.5	393.8	398.1	402.4	416.4	430.5	426.2	421.8	426.2	429.4	431.6
67.5°	361.4	363.6	367.9	372.2	386.2	400.3	395.9	390.5	395.9	400.3	404.6
70°	328.0	330.1	335.5	339.8	353.9	367.9	362.5	357.1	362.5	367.9	372.2
72.5°	291.3	293.4	298.8	303.1	319.3	335.5	329.0	322.6	329.0	335.5	337.7
75°	251.3	253.6	260.0	265.4	281.6	297.7	292.4	285.9	291.3	296.7	297.7
77.5°	208.2	211.5	220.1	228.7	241.6	254.6	251.3	248.2	251.3	254.6	254.6
80°	162.9	166.2	176.9	186.7	194.2	201.8	202.8	203.9	204.9	206.1	204.9
82.5°	120.8	125.1	134.9	144.6	144.6	144.6	153.2	160.8	160.8	159.7	158.5
85°	74.4	79.8	88.5	97.1	91.7	86.4	100.3	113.3	113.3	112.2	110.0
87.5°	15.1	20.5	29.2	36.7	31.3	25.9	40.0	53.9	55.1	55.1	52.8
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: P383397
 CATALOG NUMBER: GAN-SA7A-735-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: P383397

CATALOG NUMBER: GAN-SA7A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9
2.5°	6894.9	6979.2	7062.2	7083.8	7116.2	7130.2	7143.1	7248.8	7353.5	7476.5	7599.5
5°	5522.7	5585.3	5647.8	5657.6	5691.0	5708.2	5725.5	5853.8	5981.2	6152.8	6324.3
7.5°	4162.2	4177.3	4192.4	4190.3	4218.3	4256.1	4292.8	4429.8	4565.7	4750.2	4933.7
10°	3152.5	3186.9	3220.4	3251.7	3313.1	3384.4	3454.6	3594.7	3735.0	3917.3	4098.6
12.5°	2497.6	2537.4	2576.3	2610.8	2682.0	2776.9	2870.8	3039.2	3207.4	3425.4	3642.3
15°	2039.1	2035.8	2032.5	2056.3	2118.9	2222.5	2325.0	2503.0	2681.0	2920.5	3158.9
17.5°	1608.6	1592.4	1576.2	1594.5	1652.8	1738.1	1822.2	1973.2	2123.2	2355.1	2587.1
20°	1301.1	1290.3	1279.5	1296.8	1333.5	1369.1	1404.7	1513.7	1621.5	1810.4	1998.1
22.5°	1144.7	1143.6	1141.4	1151.1	1168.4	1186.7	1204.0	1256.8	1308.6	1430.6	1551.4
25°	1052.9	1051.9	1050.8	1055.2	1069.1	1083.2	1097.2	1131.7	1166.2	1224.5	1282.7
27.5°	979.6	977.5	975.3	976.4	979.6	1001.2	1021.7	1037.8	1052.9	1092.9	1131.7
30°	920.3	919.2	918.1	918.1	914.9	922.4	930.0	954.8	978.5	1019.5	1060.5
32.5°	869.6	864.2	858.8	846.9	839.3	850.1	860.9	886.8	912.7	950.5	988.3
35°	805.9	791.9	776.8	770.3	771.4	782.1	792.9	818.8	843.7	884.7	924.6
37.5°	736.9	732.6	727.2	726.0	729.3	740.1	750.9	773.6	795.1	836.2	876.0
40°	698.0	695.9	693.7	691.6	693.7	704.5	715.2	736.9	757.3	797.3	836.2
42.5°	663.5	662.4	661.3	661.3	662.4	674.3	686.2	707.7	728.2	763.9	799.5
45°	630.1	631.1	631.1	633.3	636.5	648.4	659.2	682.9	706.7	741.1	775.7
47.5°	598.8	602.0	604.2	609.5	612.8	625.7	637.6	663.5	689.3	732.6	774.6
50°	571.8	575.0	577.2	581.5	590.1	605.2	620.3	651.6	681.8	754.1	825.4
52.5°	547.0	550.2	553.4	557.8	568.5	585.9	603.1	641.9	679.7	763.9	848.0
55°	524.4	527.5	529.7	536.2	547.0	562.1	576.1	623.6	671.1	732.6	794.1
57.5°	502.8	506.0	508.2	512.4	517.8	534.1	549.1	599.8	650.6	693.7	735.7
60°	480.1	482.3	483.3	483.3	487.7	506.0	524.4	589.0	652.7	645.2	636.5
62.5°	455.2	457.4	458.5	455.2	460.7	480.1	499.5	583.7	667.8	616.0	564.2
65°	432.6	431.6	430.5	427.2	433.7	453.1	471.5	513.6	555.6	535.1	514.6
67.5°	407.8	404.6	401.3	397.0	403.5	420.8	436.9	451.0	465.0	467.2	469.3
70°	376.5	372.2	367.9	366.8	370.0	384.1	398.1	407.8	416.4	420.8	423.9
72.5°	339.8	336.6	333.4	331.2	332.3	344.1	354.9	363.6	372.2	375.4	377.6
75°	298.8	298.8	297.7	291.3	291.3	301.0	309.6	317.2	324.7	329.0	333.4
77.5°	254.6	255.7	255.7	247.0	246.0	255.7	264.3	270.8	276.2	280.5	283.7
80°	203.9	201.8	199.6	194.2	192.0	203.9	214.7	220.1	224.4	225.5	225.5
82.5°	156.4	152.1	146.7	134.9	135.9	148.9	160.8	165.1	169.4	169.4	169.4
85°	106.8	98.2	88.5	78.7	79.8	93.9	106.8	111.1	115.4	117.6	118.7
87.5°	50.7	42.1	32.3	24.8	24.8	36.7	47.5	49.7	51.8	56.1	60.5
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: P383397
 CATALOG NUMBER: GAN-SA7A-735-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: P383397

CATALOG NUMBER: GAN-SA7A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9
2.5°	7693.4	7786.2	7882.1	7978.1	8088.2	8198.3	8326.6	8454.0	8562.9	8671.9	8762.5
5°	6472.1	6619.9	6793.6	6967.2	7188.5	7409.6	7680.4	7950.1	8190.7	8431.3	8710.7
7.5°	5126.8	5318.8	5545.3	5771.9	6057.8	6343.7	6694.3	7044.9	7384.8	7723.6	8152.9
10°	4300.3	4502.1	4725.4	4947.6	5238.9	5529.1	5900.2	6270.3	6652.3	7033.1	7518.6
12.5°	3866.7	4090.0	4286.3	4482.7	4718.9	4954.2	5313.4	5672.7	6121.5	6569.2	7036.4
15°	3403.8	3647.7	3882.8	4118.0	4375.9	4632.6	4982.2	5331.7	5822.6	6313.5	6850.8
17.5°	2843.8	3100.7	3387.6	3673.6	4010.1	4345.7	4793.4	5241.1	5822.6	6403.0	7036.4
20°	2260.2	2522.4	2865.4	3208.5	3627.2	4044.7	4625.0	5205.5	5988.7	6771.0	7579.0
22.5°	1783.4	2014.2	2388.6	2761.9	3245.2	3728.5	4472.9	5216.3	6240.2	7262.9	8353.6
25°	1445.7	1608.6	1976.5	2343.3	2901.0	3458.8	4380.1	5300.4	6605.9	7910.2	9263.1
27.5°	1238.5	1345.3	1688.4	2030.4	2640.0	3248.4	4342.4	5435.3	7069.8	8704.2	10252.4
30°	1135.0	1209.4	1499.6	1788.8	2408.1	3027.3	4297.1	5566.9	7516.4	9464.8	11026.0
32.5°	1048.6	1108.0	1356.1	1603.2	2207.3	2811.5	4209.7	5606.8	7828.2	10049.5	11680.8
35°	975.3	1024.9	1240.7	1456.5	2049.9	2643.2	4062.9	5482.7	8023.5	10564.2	12362.7
37.5°	916.0	954.8	1154.4	1354.0	1913.9	2473.8	3895.7	5317.7	8197.2	11076.7	13129.7
40°	869.6	903.0	1089.6	1276.3	1784.5	2292.5	3752.3	5210.9	8436.7	11662.5	13940.0
42.5°	843.7	886.8	1033.6	1179.2	1661.4	2143.7	3636.9	5129.9	8658.9	12186.8	14648.8
45°	837.2	898.7	1004.4	1110.1	1569.8	2029.4	3534.4	5038.3	8802.4	12566.6	15182.7
47.5°	826.4	877.1	981.8	1086.4	1524.4	1961.4	3479.3	4996.2	8945.9	12894.5	15626.2
50°	832.9	839.3	963.4	1086.4	1518.0	1949.5	3541.9	5134.3	9256.6	13377.9	16133.3
52.5°	821.0	792.9	928.9	1064.9	1516.8	1968.9	3722.1	5475.2	9833.8	14191.3	16682.4
55°	758.5	721.8	864.2	1006.5	1494.2	1980.7	3936.7	5891.7	10608.5	15324.1	17669.6
57.5°	703.4	670.0	790.8	910.6	1425.2	1939.8	4158.0	6375.0	11427.3	16478.5	18781.9
60°	630.1	622.5	708.8	795.1	1318.3	1840.6	4340.3	6838.9	11977.5	17115.0	19210.2
62.5°	569.6	573.9	637.6	701.3	1184.6	1666.8	4400.6	7133.4	11962.4	16791.3	18778.6
65°	523.3	530.8	593.4	655.9	1070.3	1484.5	4202.1	6918.7	11357.1	15794.5	17925.2
67.5°	478.0	486.5	561.0	634.4	968.8	1302.2	3705.9	6108.5	10268.5	14427.6	16839.9
70°	434.8	445.6	526.5	607.4	895.5	1182.4	3066.1	4949.8	8906.0	12861.0	15583.0
72.5°	388.4	399.2	485.5	571.8	849.1	1125.2	2499.7	3873.1	7227.3	10580.3	13329.3
75°	340.9	348.5	442.3	535.1	785.4	1035.7	1961.4	2885.9	5531.3	8176.7	10067.9
77.5°	293.4	303.1	381.9	459.6	666.7	872.8	1478.0	2083.3	4058.7	6033.0	7001.8
80°	234.1	242.8	298.8	353.9	514.6	674.3	1016.3	1358.3	2793.2	4228.0	4774.0
82.5°	179.1	188.8	226.6	263.3	366.8	470.3	616.0	761.6	1855.6	2948.5	2993.8
85°	123.0	126.2	153.2	179.1	226.6	274.1	352.8	431.6	1227.8	2024.0	1686.3
87.5°	61.5	61.5	79.8	98.2	121.9	145.6	186.7	226.6	392.7	558.8	321.5
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: P383397
 CATALOG NUMBER: GAN-SA7A-735-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: P383397

CATALOG NUMBER: GAN-SA7A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9
2.5°	8877.9	8956.6	9036.5	9096.9	9158.4	9246.9	9335.4	9351.5	9368.9	9334.3	9299.7
5°	8992.3	9230.7	9470.2	9691.4	9912.6	10045.3	10178.0	10204.9	10231.9	10148.8	10064.7
7.5°	8568.3	8983.7	9399.0	9779.9	10160.7	10391.6	10623.6	10675.3	10728.2	10592.3	10456.3
10°	8001.9	8512.2	9022.5	9524.1	10025.9	10361.3	10696.9	10763.8	10830.6	10661.3	10491.9
12.5°	7563.9	8108.7	8653.5	9182.2	9711.8	10059.3	10406.7	10489.8	10572.8	10449.8	10325.7
15°	7429.0	7941.4	8454.0	8914.6	9376.4	9660.1	9944.9	9978.4	10012.9	9993.5	9974.1
17.5°	7673.9	8136.8	8600.7	8850.9	9102.3	9215.6	9330.0	9366.6	9404.4	9453.0	9502.6
20°	8267.3	8593.2	8920.0	8909.2	8897.3	8842.3	8786.3	8776.5	8766.8	8906.0	9046.3
22.5°	9153.0	9282.5	9413.0	9109.9	8806.8	8622.2	8436.7	8400.0	8362.2	8510.1	8658.9
25°	10114.3	10090.5	10065.7	9488.6	8910.3	8558.6	8206.8	8165.9	8124.9	8251.1	8378.4
27.5°	11065.9	10910.5	10755.2	9970.8	9186.5	8676.2	8165.9	8124.9	8083.9	8196.1	8308.3
30°	11763.9	11514.7	11265.5	10377.5	9489.7	8883.3	8277.0	8210.1	8142.2	8280.2	8418.3
32.5°	12308.7	11974.3	11639.8	10707.7	9775.6	9119.6	8463.7	8359.0	8254.4	8438.8	8623.3
35°	12852.5	12382.0	11910.6	11002.2	10092.8	9399.0	8704.2	8575.8	8447.5	8701.0	8954.5
37.5°	13536.4	12861.0	12184.6	11333.4	10482.2	9817.6	9152.0	9020.4	8888.7	9211.3	9534.9
40°	14278.7	13377.9	12477.0	11696.0	10914.9	10397.0	9878.0	9752.9	9626.6	10019.4	10412.1
42.5°	14895.8	13859.0	12822.2	12132.8	11442.4	11077.7	10712.0	10710.9	10708.8	11106.8	11505.0
45°	15397.5	14260.3	13122.2	12559.0	11994.8	11804.9	11615.0	11767.1	11919.2	12278.4	12638.9
47.5°	15771.8	14597.0	13421.0	13046.6	12672.3	12700.3	12728.4	13038.0	13347.7	13578.5	13810.5
50°	16015.6	14902.2	13787.8	13672.4	13556.9	13808.3	14060.8	14415.7	14771.7	14929.3	15086.8
52.5°	16370.6	15316.6	14261.4	14390.9	14520.4	15033.9	15547.4	15906.7	16265.9	16324.3	16383.6
55°	17191.6	16078.2	14963.7	15211.9	15461.1	16214.1	16968.3	17248.8	17529.3	17550.9	17572.4
57.5°	18357.8	17145.2	15932.6	16200.2	16467.7	17337.2	18207.9	18509.9	18813.2	18771.1	18727.9
60°	19230.7	18158.3	17084.8	17354.5	17624.2	18472.2	19320.2	19667.6	20016.1	19923.3	19830.5
62.5°	19284.6	18711.7	18137.8	18381.6	18626.5	19457.2	20287.9	20645.1	21002.1	20840.3	20678.5
65°	18426.9	18683.7	18940.4	19021.4	19102.3	19876.9	20652.6	20925.5	21199.6	21117.6	21035.6
67.5°	17245.6	18191.7	19138.9	18976.1	18813.2	19176.7	19540.3	19821.8	20103.4	20057.1	20009.6
70°	16066.4	17329.7	18593.0	17792.6	16991.0	16841.0	16691.0	16994.2	17298.5	17110.7	16921.9
72.5°	14058.6	15405.0	16752.5	15277.8	13802.9	13290.5	12778.0	13163.1	13548.3	13249.5	12949.5
75°	11035.7	12523.4	14012.2	12252.6	10493.0	9809.0	9125.0	9456.2	9787.4	9582.5	9376.4
77.5°	8215.5	9681.7	11147.8	9359.1	7569.3	7061.1	6551.9	6650.1	6749.3	6714.8	6679.2
80°	5572.3	6594.0	7616.7	6425.7	5234.6	5273.5	5313.4	5267.0	5219.6	5288.6	5357.6
82.5°	3555.9	4344.6	5134.3	4502.1	3869.8	4232.4	4594.9	4416.8	4237.8	4303.6	4370.4
85°	2029.4	2800.7	3573.1	3330.5	3086.6	3298.1	3510.6	3234.4	2958.2	3079.0	3201.0
87.5°	535.1	1549.3	2564.5	2328.2	2091.9	1817.9	1543.9	1178.1	812.4	1186.7	1561.1
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: P383397
 CATALOG NUMBER: GAN-SA7A-735-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°	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9	8220.9
2.5°	9281.4	9263.1	9197.3	9130.4	9031.2	8949.1	8806.8
5°	9948.2	9831.6	9631.0	9429.2	9204.8	8947.0	8661.1
7.5°	10184.4	9911.5	9526.3	9140.1	8792.7	8384.9	8005.2
10°	10084.1	9675.2	9174.6	8673.0	8251.1	7781.8	7360.0
12.5°	9892.1	9457.3	8906.0	8353.6	7873.5	7369.7	6897.2
15°	9627.7	9280.4	8763.5	8246.8	7763.4	7273.7	6713.8
17.5°	9338.6	9173.5	8800.2	8425.8	8007.3	7532.6	6875.6
20°	9105.6	9166.0	9017.1	8868.2	8532.7	8118.4	7380.5
22.5°	8948.1	9238.3	9352.6	9468.1	9266.3	8942.7	8089.3
25°	8859.6	9340.7	9723.8	10107.9	10018.3	9769.0	8950.2
27.5°	8898.4	9488.6	10083.0	10678.5	10761.6	10692.6	9857.5
30°	9015.0	9612.6	10336.5	11061.6	11392.7	11485.5	10613.8
32.5°	9209.1	9794.9	10583.6	11373.4	11873.9	12169.6	11305.4
35°	9502.6	10050.7	10872.7	11694.8	12342.2	12881.5	12019.6
37.5°	10006.4	10477.9	11236.3	11995.8	12835.1	13645.4	12806.1
40°	10744.4	11077.7	11718.6	12360.5	13416.7	14510.6	13683.1
42.5°	11675.4	11847.0	12355.1	12863.3	14024.1	15296.1	14540.9
45°	12684.1	12729.4	13048.8	13369.2	14505.2	15831.2	15185.0
47.5°	13655.1	13499.8	13627.1	13754.4	14874.2	16213.1	15673.7
50°	14654.2	14221.6	14154.6	14087.7	15243.2	16663.0	16295.1
52.5°	15670.4	14957.3	14693.0	14427.6	15683.3	17259.6	17068.7
55°	16665.1	15757.8	15401.8	15045.8	16356.6	17987.8	18204.7
57.5°	17699.8	16671.6	16341.5	16011.3	17345.9	18910.2	19224.2
60°	18813.2	17794.7	17530.4	17265.0	18575.8	19907.1	19678.4
62.5°	19869.4	19060.2	18921.0	18780.7	19819.7	20673.1	19501.5
65°	20574.9	20113.1	20242.6	20373.1	20760.5	20864.1	18983.6
67.5°	20103.4	20197.3	20744.3	21292.4	21025.9	20296.6	17963.0
70°	17484.0	18047.2	19342.8	20639.6	20048.4	18776.5	16131.1
72.5°	13581.8	14215.0	16138.7	18063.4	17518.5	15960.7	13249.5
75°	10090.5	10805.9	12929.0	15052.2	14296.0	11938.6	9486.4
77.5°	7158.2	7637.2	9733.5	11830.7	10597.7	7946.8	6383.6
80°	5210.9	5064.2	6232.6	7401.0	7196.0	5256.2	4099.6
82.5°	4012.3	3654.1	4204.4	4754.5	4724.3	3647.7	3007.9
85°	3057.5	2914.0	3400.5	3887.2	3470.7	2470.6	1911.7
87.5°	1782.2	2004.5	2577.4	3151.3	2364.8	749.8	371.1
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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 CATALOG NUMBER: GAN-SA7A-735-U-SLR

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)