

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: P383173

Luminaire Tested: **GAN-SA5A-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383173
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-SA5A-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 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: 19067.9 lumens
Efficiency: N/A
Efficacy: 117.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G4

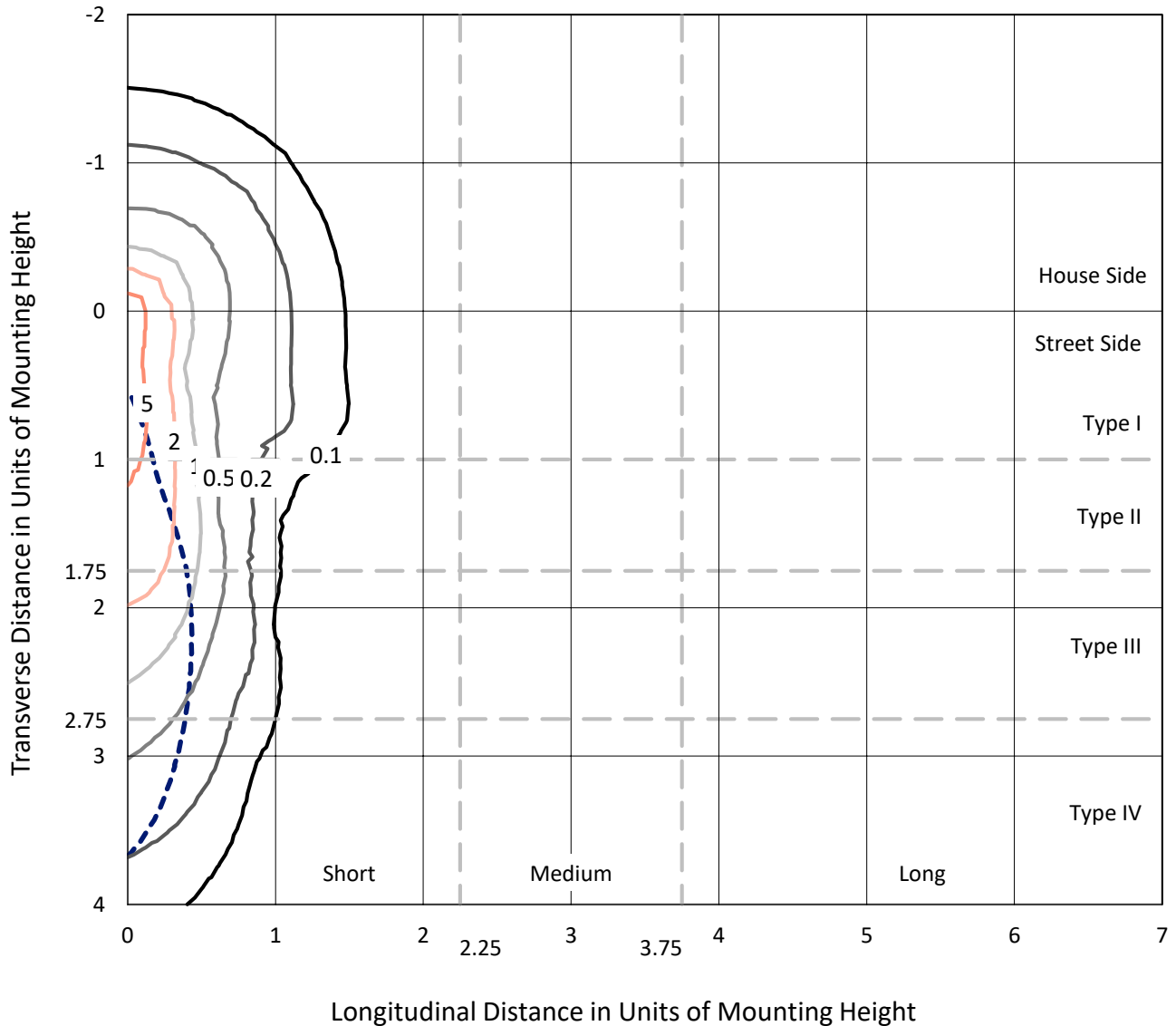
Input Watts (W): 162
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

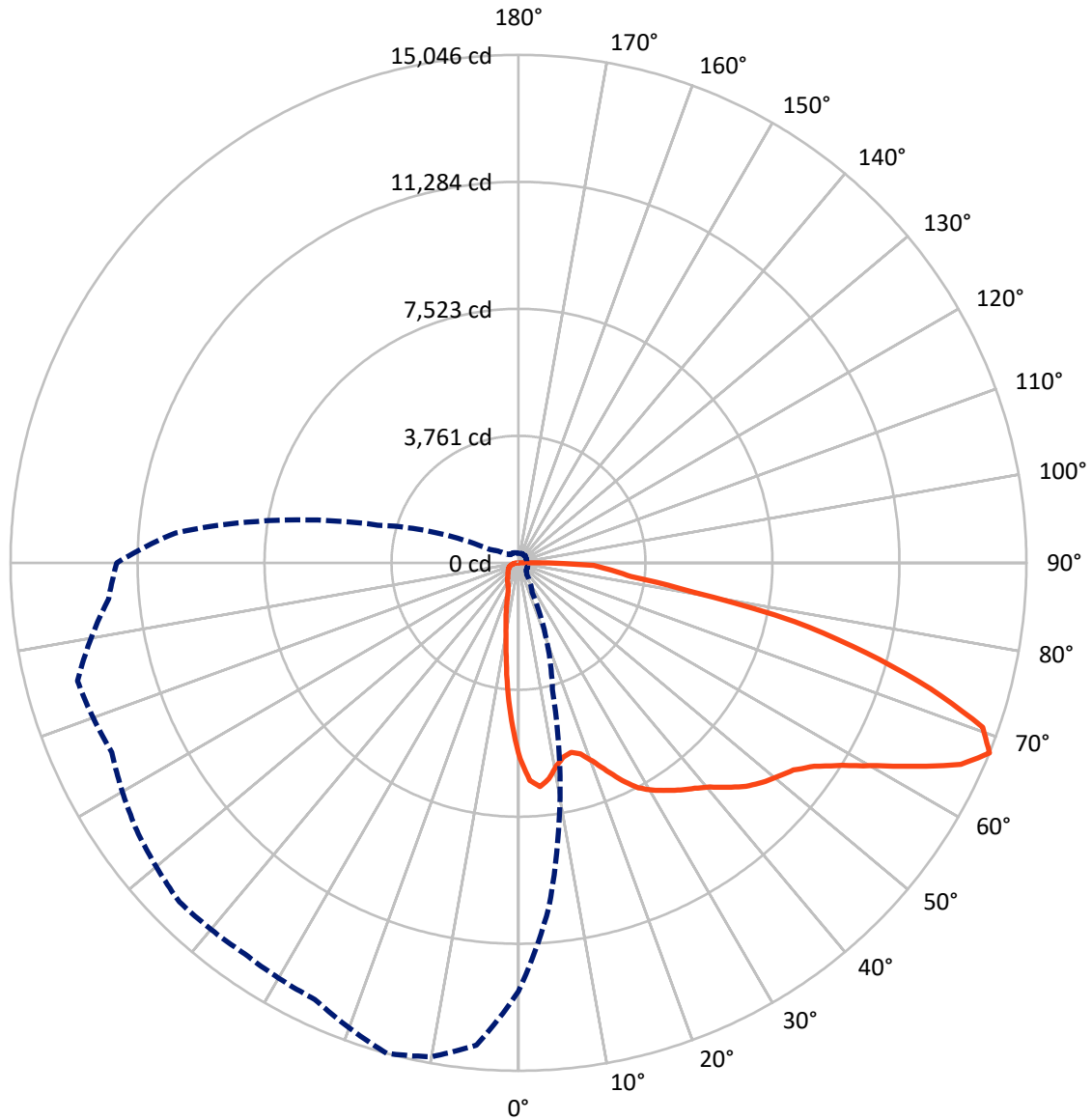
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.3 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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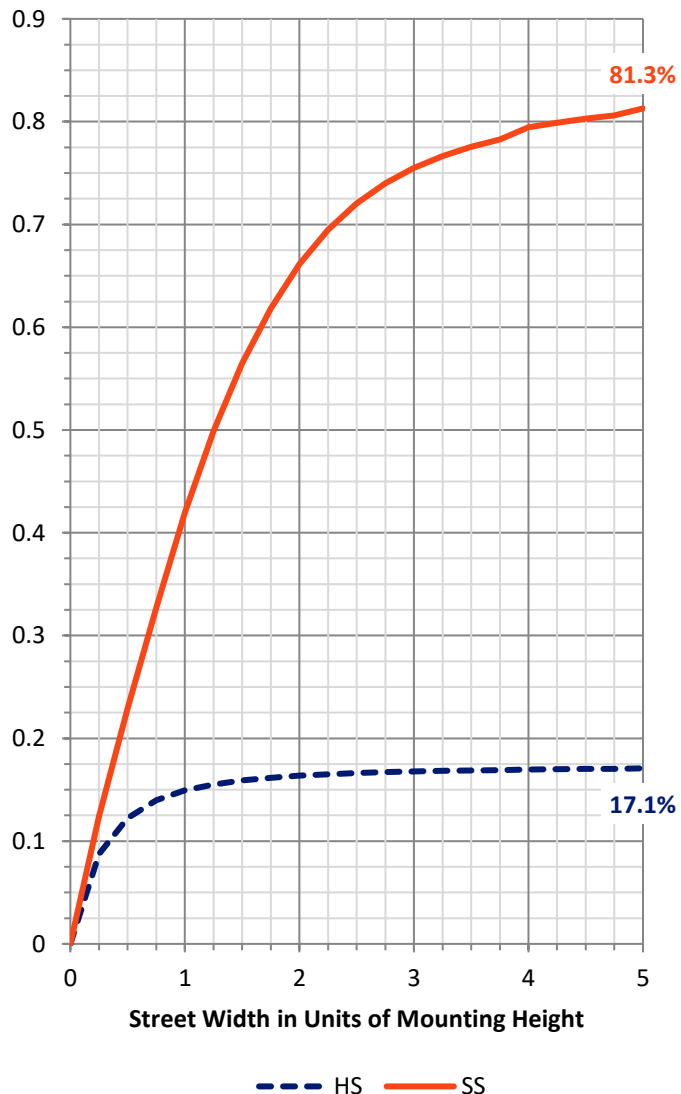
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3296.4	0.0	3296.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	15771.4	0.0	15771.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	19067.9	0.0	19067.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	448.3	2.4
10°-20°	931.4	4.9
20°-30°	1324.6	6.9
30°-40°	1908.8	10.0
40°-50°	2690.0	14.1
50°-60°	3739.5	19.6
60°-70°	4522.2	23.7
70°-80°	2779.7	14.6
80°-90°	723.3	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19067.9	100.0
0°-180°	19067.9	100.0

Coefficient of Utilization

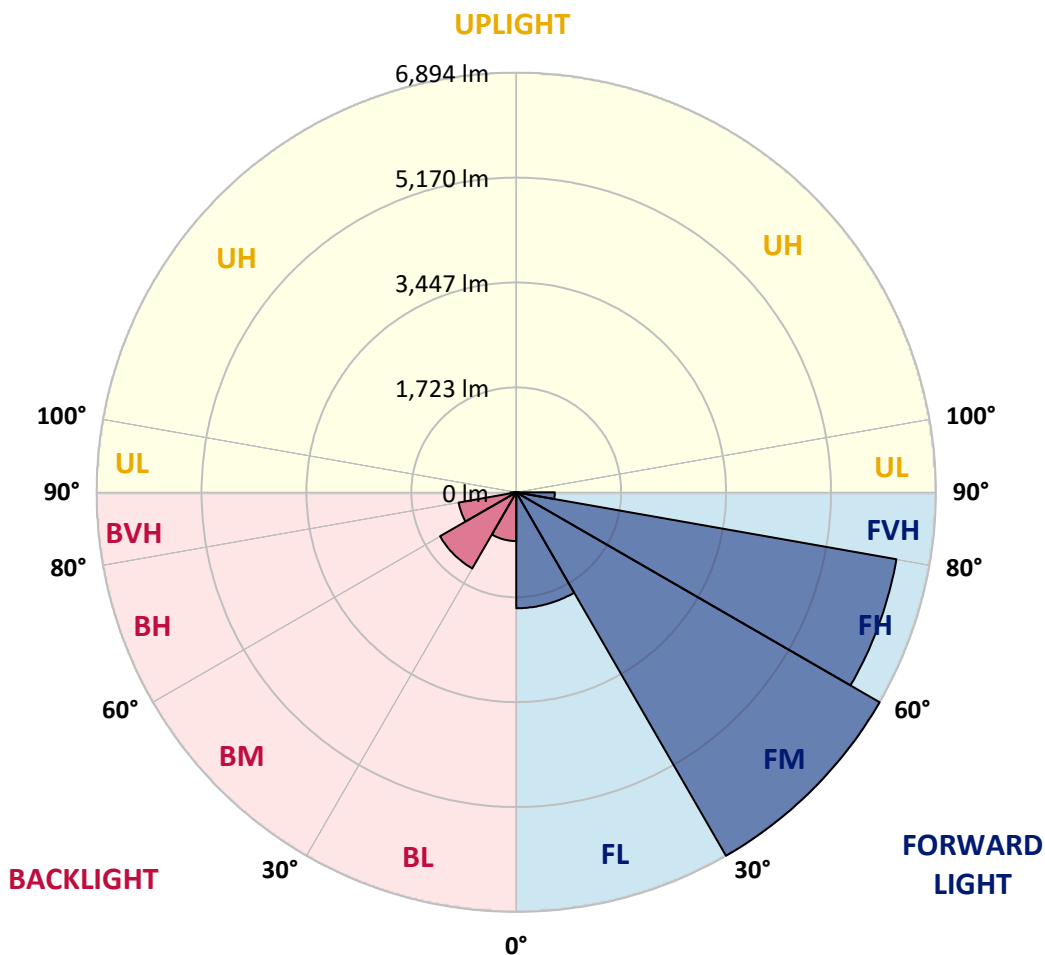


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1904.0	10.0			
FM (30°-60°)	6893.5	36.2			
FH (60°-80°)	6341.3	33.3			G3/7500
FVH (80°-90°)	632.6	3.3			G4/750
BL (0°-30°)	800.3	4.2	B2/1000		
BM (30°-60°)	1444.8	7.6	B2/2500		
BH (60°-80°)	960.6	5.0	B2/1000		G2/1000
BVH (80°-90°)	90.7	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	6223.1	6168.2	6085.1	6002.1	5940.3	5877.8	5806.9	5736.0	5655.1	5573.5	5525.6
5°	6120.2	5967.7	5769.5	5571.3	5440.1	5309.1	5160.4	5011.7	4864.6	4717.5	4638.2
7.5°	5656.6	5427.9	5170.3	4912.6	4722.0	4530.7	4324.8	4118.3	3935.3	3751.5	3638.0
10°	5200.8	4926.3	4630.5	4334.0	4090.1	3846.1	3639.5	3432.1	3294.1	3156.2	3051.7
12.5°	4873.8	4569.5	4244.0	3917.7	3673.8	3429.9	3298.7	3167.6	3053.2	2938.8	2818.4
15°	4744.2	4400.4	4067.1	3733.3	3511.4	3289.6	3144.0	2997.6	2844.4	2690.3	2542.5
17.5°	4858.5	4456.0	4093.9	3731.7	3441.2	3150.8	2947.2	2742.9	2540.9	2338.9	2167.3
20°	5215.3	4701.4	4228.0	3753.9	3367.4	2980.8	2707.9	2434.2	2175.0	1915.8	1721.4
22.5°	5716.2	5036.1	4417.9	3799.6	3300.2	2800.1	2457.8	2114.8	1808.3	1501.8	1311.2
25°	6324.5	5479.8	4691.6	3902.5	3272.8	2642.3	2221.5	1800.7	1477.4	1153.4	1017.7
27.5°	6965.6	6008.9	5031.6	4053.4	3277.4	2501.3	2022.6	1543.0	1251.8	960.6	867.6
30°	7500.1	6613.4	5427.9	4241.7	3294.9	2348.1	1835.0	1322.0	1081.8	841.7	781.4
32.5°	7988.8	7035.0	5726.8	4417.9	3314.7	2210.8	1690.1	1168.7	972.7	776.1	726.5
35°	8493.4	7409.3	5935.7	4461.3	3280.4	2098.8	1591.1	1083.3	902.7	721.2	679.3
37.5°	9049.1	7814.2	6136.9	4459.0	3222.5	1986.0	1514.0	1041.4	856.9	671.6	641.2
40°	9669.0	8261.6	6355.0	4448.3	3169.9	1890.7	1456.8	1022.3	831.7	640.3	614.4
42.5°	10275.1	8688.5	6557.8	4427.0	3127.2	1826.6	1400.5	974.3	808.9	642.7	606.1
45°	10730.1	9061.3	6733.9	4405.7	3095.2	1784.7	1356.2	927.8	787.5	647.2	600.8
47.5°	11075.5	9435.6	6929.0	4421.7	3092.1	1762.6	1324.9	887.4	747.1	606.1	587.0
50°	11514.6	9885.5	7213.4	4541.4	3134.0	1726.7	1288.4	849.3	708.3	567.2	593.1
52.5°	12061.2	10527.3	7654.1	4780.0	3221.8	1663.5	1230.5	797.4	660.9	523.7	564.1
55°	12864.0	11350.0	8217.5	5084.1	3327.7	1570.5	1142.7	714.3	598.4	481.8	517.7
57.5°	13584.4	12180.9	8757.9	5334.2	3394.0	1453.0	1032.2	611.4	528.3	445.2	465.8
60°	13905.4	12609.3	9011.0	5411.9	3354.4	1296.8	908.0	518.4	466.5	414.7	410.9
62.5°	13780.4	12337.2	8761.8	5186.3	3160.7	1135.2	798.1	461.2	422.4	382.7	374.3
65°	13414.4	11481.9	8063.5	4645.1	2833.7	1022.3	728.8	435.3	391.8	348.4	339.3
67.5°	12693.3	10264.4	7073.9	3883.4	2418.2	953.0	689.2	425.4	372.8	319.4	308.7
70°	11398.8	8799.1	5934.1	3068.5	1989.8	910.2	663.3	416.2	352.2	287.4	277.5
72.5°	9362.5	7054.8	4738.8	2422.0	1663.5	904.9	660.2	415.5	335.5	255.4	246.2
75°	6703.4	5358.6	3617.4	1875.4	1362.3	849.3	626.7	404.0	312.5	220.3	211.9
77.5°	4510.8	3708.9	2514.2	1318.9	1010.9	702.9	526.8	350.7	267.5	184.4	176.1
80°	2896.9	2566.9	1684.8	802.7	655.6	508.5	376.6	244.7	195.2	144.9	138.0
82.5°	2125.4	1910.4	1171.0	431.5	364.4	296.5	230.2	164.0	133.4	102.9	99.9
85°	1350.9	1489.6	862.2	234.8	192.1	149.4	123.5	97.6	77.0	56.5	56.5
87.5°	262.2	362.8	238.7	113.6	83.1	52.6	45.0	36.6	20.6	3.8	4.6
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



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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°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	5476.8	5424.1	5371.6	5312.1	5251.9	5196.2	5139.8	5078.1	5089.5	5042.2	4995.0
5°	4558.9	4475.1	4390.4	4317.3	4244.0	4180.8	4116.7	4059.6	4109.1	4075.5	4042.0
7.5°	3523.6	3419.9	3315.5	3227.8	3140.2	3072.3	3003.7	2956.5	3005.2	2999.1	2993.0
10°	2947.2	2846.6	2745.3	2648.4	2551.6	2469.3	2386.2	2316.0	2303.8	2268.8	2232.9
12.5°	2697.2	2559.2	2420.4	2319.1	2217.7	2119.4	2021.0	1938.6	1901.3	1843.3	1784.7
15°	2394.5	2231.4	2068.3	1953.2	1837.3	1742.0	1646.0	1575.1	1551.4	1506.4	1461.4
17.5°	1995.8	1817.4	1639.1	1522.4	1405.1	1328.8	1251.8	1204.5	1204.5	1191.5	1178.6
20°	1527.0	1367.7	1208.3	1119.2	1029.9	989.6	948.4	928.6	934.6	935.4	935.4
22.5°	1119.9	1022.3	924.7	888.9	852.3	837.8	823.3	814.9	818.0	818.7	819.6
25°	882.1	844.7	806.5	788.3	769.2	760.0	750.9	747.8	754.7	755.5	755.5
27.5°	774.6	751.7	728.0	716.6	704.4	700.6	696.8	691.5	698.3	698.3	697.5
30°	720.5	696.1	671.6	657.1	642.7	644.2	644.9	643.4	648.0	651.1	653.3
32.5°	676.2	652.5	629.0	614.4	599.2	596.9	594.6	593.1	603.0	608.4	613.7
35°	636.5	610.6	584.7	571.0	557.3	551.9	546.6	542.8	551.9	558.8	565.6
37.5°	609.9	583.2	555.8	542.8	529.1	522.2	515.3	510.8	514.6	517.7	520.7
40°	588.6	561.1	532.8	517.7	502.4	495.5	488.7	484.9	487.1	487.9	488.7
42.5°	568.7	542.1	515.3	498.6	481.1	472.7	464.3	459.7	461.2	462.8	463.5
45°	554.3	527.5	500.1	480.3	459.7	450.6	441.4	436.1	436.8	436.8	436.8
47.5°	568.0	529.1	489.4	466.5	443.0	432.2	421.6	416.2	414.7	413.2	411.7
50°	618.3	551.9	484.9	455.9	426.2	414.7	402.5	396.5	392.6	391.1	389.6
52.5°	603.8	546.6	488.7	451.3	413.2	399.4	385.8	375.9	372.1	369.7	367.5
55°	552.7	516.9	480.3	435.3	390.3	378.1	365.2	358.3	351.5	349.9	348.4
57.5°	485.6	471.2	456.6	410.9	365.2	353.7	341.5	336.9	330.9	330.9	330.1
60°	406.3	427.7	449.0	396.5	343.1	330.1	317.1	313.4	311.0	310.3	309.6
62.5°	365.2	400.2	434.6	378.9	322.5	308.7	295.0	290.5	289.7	290.5	290.5
65°	330.1	340.8	351.5	325.5	299.6	285.9	271.4	266.8	268.4	270.6	272.9
67.5°	298.1	295.8	293.5	284.4	274.4	263.0	250.8	246.2	247.0	250.0	253.1
70°	267.5	264.6	260.7	253.8	247.0	237.1	227.2	224.1	223.4	227.2	230.2
72.5°	237.1	233.3	228.7	223.4	217.2	208.9	200.5	198.2	199.0	201.3	203.5
75°	203.5	200.5	196.6	192.1	186.8	179.1	171.5	170.0	171.5	173.8	176.1
77.5°	166.9	166.2	164.7	160.9	157.1	148.7	139.5	138.7	141.0	143.4	144.9
80°	130.3	131.2	131.9	128.8	125.8	116.6	106.8	106.0	108.2	110.6	112.8
82.5°	96.0	98.4	99.9	96.0	92.2	81.6	70.9	69.4	77.0	79.3	81.6
85°	55.6	58.7	61.8	58.7	55.6	45.0	34.3	33.5	40.4	44.2	48.1
87.5°	4.6	6.1	7.6	6.9	6.1	3.1	0.0	0.0	0.7	3.8	6.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383173
 CATALOG NUMBER: GAN-SA5A-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: P383173

CATALOG NUMBER: GAN-SA5A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	4965.2	4935.5	4926.3	4917.2	4883.6	4849.4	4884.4	4918.8	4933.2	4947.7	4910.4
5°	4037.4	4032.1	4032.1	4031.4	4000.8	3969.6	3993.3	4016.1	3965.0	3913.9	3908.6
7.5°	3025.8	3058.6	3085.3	3111.2	3101.3	3091.3	3113.4	3135.6	3070.8	3005.2	2973.2
10°	2240.6	2247.5	2276.4	2305.4	2312.2	2318.3	2345.7	2372.5	2322.2	2271.9	2249.7
12.5°	1748.0	1711.5	1715.3	1718.3	1732.0	1745.1	1774.0	1802.2	1781.6	1760.3	1762.6
15°	1415.7	1369.2	1350.1	1330.3	1345.5	1360.8	1381.4	1401.2	1402.0	1402.0	1421.8
17.5°	1155.8	1132.1	1113.0	1093.3	1113.8	1133.6	1135.9	1138.2	1139.0	1139.7	1138.2
20°	946.8	958.3	952.2	946.1	953.7	960.6	966.7	972.0	965.2	957.5	938.4
22.5°	830.2	840.1	847.7	854.6	867.6	879.8	873.7	866.8	853.1	838.6	824.1
25°	762.4	769.2	776.8	784.5	795.2	805.0	794.3	783.7	773.8	763.9	754.0
27.5°	705.2	712.1	718.9	725.0	734.9	744.0	734.2	724.3	715.9	707.5	699.9
30°	658.7	663.3	668.6	673.9	683.1	691.5	683.1	673.9	667.8	660.9	655.6
32.5°	619.0	623.6	625.9	628.1	636.5	644.9	638.9	632.8	627.4	622.1	618.3
35°	575.6	584.7	586.2	587.8	596.2	604.6	600.8	596.2	590.0	584.0	577.1
37.5°	531.4	542.1	548.1	553.4	561.8	570.2	566.5	562.7	554.3	545.9	533.7
40°	494.0	498.6	510.0	520.7	534.4	547.4	539.7	531.4	518.4	505.5	499.3
42.5°	462.8	462.0	472.7	483.4	503.9	523.7	510.0	496.3	484.1	471.9	470.3
45°	435.3	433.0	438.4	443.7	465.8	487.1	473.4	459.0	452.1	445.2	445.2
47.5°	410.9	409.4	413.2	416.2	430.0	443.0	436.1	429.2	425.4	421.6	422.4
50°	388.8	387.2	391.1	394.1	399.4	404.0	405.6	406.3	404.0	401.8	403.3
52.5°	368.2	368.2	369.7	370.5	377.4	384.3	384.3	383.4	383.4	383.4	385.0
55°	350.7	352.2	352.2	352.2	362.8	372.8	369.7	366.7	367.5	367.5	369.0
57.5°	333.1	335.5	336.9	338.5	349.1	359.9	356.8	353.7	353.7	353.7	354.5
60°	313.4	316.4	319.4	322.5	333.1	343.8	340.8	336.9	337.7	338.5	339.3
62.5°	294.3	297.3	300.3	303.4	314.1	324.7	321.8	317.9	320.2	321.8	321.8
65°	276.0	278.3	281.3	284.4	294.3	304.2	301.2	298.1	301.2	303.4	305.0
67.5°	255.4	256.9	260.0	263.0	272.9	282.8	279.7	276.0	279.7	282.8	285.9
70°	231.8	233.3	237.1	240.2	250.0	260.0	256.2	252.4	256.2	260.0	263.0
72.5°	205.9	207.4	211.2	214.3	225.6	237.1	232.5	227.9	232.5	237.1	238.7
75°	177.6	179.1	183.7	187.5	199.0	210.4	206.6	202.1	205.9	209.7	210.4
77.5°	147.1	149.4	155.5	161.6	170.8	179.9	177.6	175.3	177.6	179.9	179.9
80°	115.1	117.4	125.0	131.9	137.2	142.5	143.4	144.1	144.9	145.6	144.9
82.5°	85.4	88.4	95.3	102.2	102.2	102.2	108.2	113.6	113.6	112.8	112.1
85°	52.6	56.5	62.5	68.7	64.8	61.0	70.9	80.0	80.0	79.3	77.8
87.5°	10.7	14.4	20.6	25.9	22.1	18.3	28.2	38.1	38.8	38.8	37.4
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: P383173
 CATALOG NUMBER: GAN-SA5A-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: P383173

CATALOG NUMBER: GAN-SA5A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	4872.2	4931.7	4990.4	5005.7	5028.5	5038.4	5047.6	5122.3	5196.2	5283.1	5370.0
5°	3902.5	3946.7	3990.9	3997.8	4021.4	4033.6	4045.8	4136.5	4226.5	4347.7	4468.9
7.5°	2941.2	2951.9	2962.5	2961.0	2980.8	3007.5	3033.4	3130.3	3226.3	3356.6	3486.2
10°	2227.6	2252.0	2275.7	2297.8	2341.2	2391.5	2441.0	2540.1	2639.3	2768.1	2896.2
12.5°	1764.8	1793.0	1820.5	1844.9	1895.2	1962.3	2028.6	2147.6	2266.5	2420.4	2573.7
15°	1440.8	1438.6	1436.3	1453.0	1497.3	1570.5	1642.9	1768.6	1894.5	2063.7	2232.2
17.5°	1136.7	1125.2	1113.8	1126.8	1168.0	1228.2	1287.6	1394.3	1500.4	1664.2	1828.2
20°	919.4	911.8	904.2	916.4	942.3	967.4	992.6	1069.6	1145.8	1279.2	1411.9
22.5°	808.9	808.1	806.5	813.4	825.6	838.6	850.8	888.1	924.7	1010.9	1096.2
25°	744.0	743.3	742.5	745.6	755.5	765.4	775.3	799.7	824.1	865.3	906.4
27.5°	692.2	690.6	689.2	689.9	692.2	707.5	721.9	733.4	744.0	772.3	799.7
30°	650.3	649.6	648.7	648.7	646.5	651.8	657.1	674.7	691.5	720.5	749.4
32.5°	614.4	610.6	606.8	598.4	593.1	600.8	608.4	626.7	644.9	671.6	698.3
35°	569.5	559.6	548.9	544.3	545.0	552.7	560.3	578.6	596.2	625.2	653.3
37.5°	520.7	517.7	513.8	513.1	515.3	523.0	530.6	546.6	561.8	590.8	619.0
40°	493.3	491.8	490.2	488.7	490.2	497.8	505.5	520.7	535.2	563.4	590.8
42.5°	468.8	468.1	467.4	467.4	468.1	476.5	484.9	500.1	514.6	539.7	564.9
45°	445.2	445.9	445.9	447.5	449.8	458.1	465.8	482.5	499.3	523.7	548.1
47.5°	423.1	425.4	426.9	430.7	433.0	442.2	450.6	468.8	487.1	517.7	547.4
50°	404.0	406.3	407.8	410.9	417.1	427.7	438.4	460.5	481.8	532.8	583.2
52.5°	386.5	388.8	391.1	394.1	401.8	414.0	426.2	453.6	480.3	539.7	599.2
55°	370.5	372.8	374.3	378.9	386.5	397.2	407.1	440.6	474.2	517.7	561.1
57.5°	355.3	357.5	359.1	362.1	365.9	377.4	388.1	423.9	459.7	490.2	519.9
60°	339.3	340.8	341.5	341.5	344.6	357.5	370.5	416.2	461.2	455.9	449.8
62.5°	321.8	323.2	324.0	321.8	325.5	339.3	353.0	412.4	471.9	435.3	398.7
65°	305.7	305.0	304.2	301.9	306.5	320.2	333.1	362.8	392.6	378.1	363.7
67.5°	288.1	285.9	283.6	280.6	285.1	297.3	308.7	318.7	328.6	330.1	331.6
70°	266.0	263.0	260.0	259.2	261.5	271.4	281.3	288.1	294.3	297.3	299.6
72.5°	240.2	237.8	235.6	234.0	234.8	243.2	250.8	256.9	263.0	265.3	266.8
75°	211.2	211.2	210.4	205.9	205.9	212.7	218.8	224.1	229.4	232.5	235.6
77.5°	179.9	180.7	180.7	174.6	173.8	180.7	186.8	191.3	195.2	198.2	200.5
80°	144.1	142.5	141.0	137.2	135.7	144.1	151.7	155.5	158.5	159.3	159.3
82.5°	110.6	107.5	103.7	95.3	96.0	105.2	113.6	116.6	119.7	119.7	119.7
85°	75.5	69.4	62.5	55.6	56.5	66.3	75.5	78.5	81.6	83.1	83.8
87.5°	35.9	29.7	22.9	17.5	17.5	25.9	33.5	35.0	36.6	39.7	42.7
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: P383173
 CATALOG NUMBER: GAN-SA5A-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: P383173

CATALOG NUMBER: GAN-SA5A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	5436.3	5501.9	5569.8	5637.6	5715.4	5793.1	5883.8	5973.8	6050.8	6127.8	6191.8
5°	4573.3	4677.9	4800.5	4923.3	5079.5	5235.9	5427.2	5617.8	5787.8	5957.8	6155.3
7.5°	3622.7	3758.4	3918.6	4078.6	4280.6	4482.6	4730.4	4978.2	5218.3	5457.8	5761.2
10°	3038.7	3181.3	3339.1	3496.2	3702.0	3907.1	4169.3	4430.8	4700.7	4969.8	5312.9
12.5°	2732.3	2890.1	3028.8	3167.6	3334.6	3500.8	3754.6	4008.4	4325.6	4642.0	4972.0
15°	2405.3	2577.5	2743.7	2909.9	3092.1	3273.6	3520.6	3767.6	4114.5	4461.3	4841.0
17.5°	2009.5	2191.0	2393.8	2595.9	2833.7	3070.8	3387.1	3703.6	4114.5	4524.6	4972.0
20°	1597.1	1782.4	2024.8	2267.2	2563.1	2858.1	3268.2	3678.4	4231.8	4784.5	5355.6
22.5°	1260.2	1423.3	1687.9	1951.6	2293.2	2634.7	3160.7	3685.9	4409.5	5132.2	5902.9
25°	1021.5	1136.7	1396.7	1655.8	2050.0	2444.1	3095.2	3745.5	4667.9	5589.6	6545.6
27.5°	875.2	950.6	1193.1	1434.8	1865.5	2295.4	3068.5	3840.8	4995.7	6150.7	7244.6
30°	802.0	854.6	1059.6	1264.0	1701.6	2139.2	3036.5	3933.7	5311.3	6688.1	7791.3
32.5°	741.0	783.0	958.3	1132.9	1559.8	1986.7	2974.7	3962.0	5531.6	7101.4	8254.1
35°	689.2	724.3	876.7	1029.2	1448.5	1867.8	2871.0	3874.3	5669.7	7465.0	8735.9
37.5°	647.2	674.7	815.8	956.8	1352.4	1748.0	2752.9	3757.7	5792.4	7827.1	9277.8
40°	614.4	638.1	770.0	901.8	1260.9	1620.0	2651.5	3682.2	5961.6	8241.0	9850.4
42.5°	596.2	626.7	730.3	833.3	1174.0	1514.8	2569.9	3625.0	6118.7	8611.6	10351.3
45°	591.6	635.0	709.7	784.5	1109.2	1434.0	2497.5	3560.2	6220.0	8879.9	10728.6
47.5°	584.0	619.8	693.7	767.7	1077.2	1386.0	2458.6	3530.5	6321.5	9111.7	11042.0
50°	588.6	593.1	680.8	767.7	1072.7	1377.6	2502.8	3628.0	6541.0	9453.3	11400.3
52.5°	580.2	560.3	656.4	752.4	1071.8	1391.3	2630.1	3869.0	6948.9	10028.0	11788.3
55°	535.9	510.0	610.6	711.2	1055.9	1399.7	2781.9	4163.2	7496.3	10828.5	12485.9
57.5°	497.1	473.4	558.8	643.4	1007.1	1370.7	2938.1	4504.8	8074.8	11644.3	13271.9
60°	445.2	439.9	500.9	561.8	931.6	1300.5	3066.9	4832.6	8463.7	12094.0	13574.5
62.5°	402.5	405.6	450.6	495.5	837.1	1177.8	3109.7	5040.7	8453.0	11865.3	13269.5
65°	369.7	375.0	419.3	463.5	756.2	1049.0	2969.4	4888.9	8025.3	11160.9	12666.5
67.5°	337.7	343.8	396.5	448.3	684.6	920.2	2618.7	4316.4	7256.1	10195.0	11899.6
70°	307.2	314.9	372.1	429.2	632.8	835.5	2166.6	3497.7	6293.3	9088.1	11011.5
72.5°	274.4	282.1	343.1	404.0	600.0	795.2	1766.4	2736.9	5107.0	7476.4	9418.9
75°	240.9	246.2	312.5	378.1	555.0	731.8	1386.0	2039.3	3908.6	5777.9	7114.3
77.5°	207.4	214.3	269.9	324.7	471.2	616.8	1044.5	1472.1	2868.0	4263.1	4947.7
80°	165.4	171.5	211.2	250.0	363.7	476.5	718.1	959.8	1973.8	2987.7	3373.4
82.5°	126.6	133.4	160.1	186.0	259.2	332.4	435.3	538.2	1311.2	2083.5	2115.5
85°	86.9	89.1	108.2	126.6	160.1	193.7	249.3	305.0	867.6	1430.2	1191.5
87.5°	43.4	43.4	56.5	69.4	86.2	102.9	131.9	160.1	277.5	394.9	227.2
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: P383173
 CATALOG NUMBER: GAN-SA5A-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: P383173

CATALOG NUMBER: GAN-SA5A-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	6273.4	6329.1	6385.5	6428.1	6471.6	6534.2	6596.7	6608.1	6620.3	6595.9	6571.5
5°	6354.3	6522.7	6692.0	6848.3	7004.5	7098.3	7192.1	7211.1	7230.2	7171.5	7112.0
7.5°	6054.6	6348.1	6641.7	6910.8	7179.9	7343.0	7506.9	7543.5	7580.8	7484.8	7388.8
10°	5654.4	6015.0	6375.6	6730.1	7084.6	7321.7	7558.8	7606.0	7653.3	7533.6	7413.9
12.5°	5344.8	5729.9	6114.9	6488.4	6862.7	7108.2	7353.7	7412.4	7471.1	7384.2	7296.5
15°	5249.6	5611.7	5973.8	6299.3	6625.6	6826.1	7027.4	7051.1	7075.4	7061.7	7048.0
17.5°	5422.6	5749.7	6077.5	6254.4	6432.0	6512.1	6592.8	6618.7	6645.5	6679.8	6714.9
20°	5841.9	6072.2	6303.1	6295.5	6287.1	6248.3	6208.7	6201.8	6194.9	6293.3	6392.4
22.5°	6467.8	6559.3	6651.5	6437.4	6223.1	6092.8	5961.6	5935.7	5909.0	6013.4	6118.7
25°	7147.1	7130.3	7112.7	6704.9	6296.3	6047.8	5799.3	5770.3	5741.3	5830.5	5920.5
27.5°	7819.5	7709.7	7599.9	7045.7	6491.5	6130.9	5770.3	5741.3	5712.3	5791.6	5870.9
30°	8312.8	8136.6	7960.5	7333.1	6705.7	6277.2	5848.8	5801.5	5753.5	5851.1	5948.7
32.5°	8697.7	8461.4	8225.1	7566.4	6907.7	6444.2	5980.7	5906.8	5832.8	5963.1	6093.5
35°	9081.9	8749.6	8416.4	7774.5	7131.8	6641.7	6150.7	6060.0	5969.3	6148.4	6327.5
37.5°	9565.3	9088.1	8610.0	8008.5	7407.0	6937.4	6467.1	6374.0	6281.1	6509.0	6737.7
40°	10089.8	9453.3	8816.6	8264.7	7712.7	7346.8	6980.1	6891.7	6802.5	7080.0	7357.5
42.5°	10525.8	9793.3	9060.6	8573.5	8085.6	7827.9	7569.5	7568.6	7567.1	7848.5	8129.8
45°	10880.4	10076.8	9272.5	8874.6	8475.9	8341.7	8207.5	8315.0	8422.5	8676.3	8931.0
47.5°	11144.8	10314.7	9483.7	9219.2	8954.6	8974.4	8994.3	9213.1	9431.8	9595.0	9758.9
50°	11317.2	10530.4	9742.9	9661.4	9579.8	9757.4	9935.8	10186.6	10438.2	10549.5	10660.8
52.5°	11568.0	10823.2	10077.6	10169.1	10260.5	10623.5	10986.3	11240.1	11494.1	11535.2	11577.2
55°	12148.1	11361.4	10573.9	10749.2	10925.3	11457.5	11990.3	12188.6	12386.8	12402.0	12417.3
57.5°	12972.3	12115.3	11258.5	11447.5	11636.6	12251.1	12866.3	13079.8	13293.9	13264.2	13233.8
60°	13589.0	12831.2	12072.7	12263.3	12453.9	13053.0	13652.3	13897.8	14144.0	14078.4	14012.9
62.5°	13627.1	13222.3	12816.7	12989.0	13162.1	13749.1	14336.1	14588.4	14840.8	14726.5	14612.1
65°	13021.1	13202.5	13383.9	13441.1	13498.3	14045.7	14593.8	14786.6	14980.3	14922.4	14864.4
67.5°	12186.2	12854.9	13524.2	13409.1	13293.9	13550.9	13807.8	14006.7	14205.7	14172.9	14139.4
70°	11353.1	12245.8	13138.5	12572.8	12006.3	11900.3	11794.4	12008.7	12223.6	12090.9	11957.5
72.5°	9934.3	10885.7	11837.8	10795.7	9753.6	9391.5	9029.3	9301.5	9573.7	9362.5	9150.6
75°	7798.2	8849.4	9901.5	8658.1	7414.7	6931.4	6448.0	6682.1	6916.1	6771.2	6625.6
77.5°	5805.3	6841.4	7877.4	6613.4	5348.7	4989.6	4629.8	4699.2	4769.3	4744.9	4719.8
80°	3937.6	4659.5	5382.2	4540.5	3699.0	3726.4	3754.6	3721.8	3688.3	3737.1	3785.9
82.5°	2512.8	3070.0	3628.0	3181.3	2734.6	2990.7	3246.9	3121.1	2994.6	3041.0	3088.3
85°	1434.0	1979.1	2525.0	2353.4	2181.1	2330.5	2480.7	2285.6	2090.4	2175.7	2261.9
87.5°	378.1	1094.8	1812.1	1645.2	1478.2	1284.6	1090.9	832.5	574.0	838.6	1103.1
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: P383173
 CATALOG NUMBER: GAN-SA5A-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°	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1	5809.1
2.5°	6558.6	6545.6	6499.1	6451.8	6381.7	6323.7	6223.1
5°	7029.6	6947.4	6805.5	6663.0	6504.4	6322.2	6120.2
7.5°	7196.7	7003.7	6731.6	6458.7	6213.2	5925.0	5656.6
10°	7125.8	6836.8	6483.1	6128.6	5830.5	5498.8	5200.8
12.5°	6990.1	6682.8	6293.3	5902.9	5563.7	5207.6	4873.8
15°	6803.3	6557.8	6192.6	5827.5	5485.9	5139.8	4744.2
17.5°	6599.0	6482.3	6218.5	5954.0	5658.2	5322.8	4858.5
20°	6434.3	6477.0	6371.8	6266.5	6029.4	5736.7	5215.3
22.5°	6323.0	6528.1	6608.9	6690.5	6547.8	6319.2	5716.2
25°	6260.5	6600.5	6871.1	7142.5	7079.2	6903.1	6324.5
27.5°	6287.9	6704.9	7124.9	7545.8	7604.5	7555.7	6965.6
30°	6370.2	6792.6	7304.2	7816.4	8050.4	8116.0	7500.1
32.5°	6507.5	6921.4	7478.7	8036.7	8390.4	8599.4	7988.8
35°	6714.9	7102.1	7683.0	8263.9	8721.3	9102.5	8493.4
37.5°	7070.8	7404.0	7940.0	8476.6	9069.7	9642.3	9049.1
40°	7592.3	7827.9	8280.7	8734.3	9480.6	10253.7	9669.0
42.5°	8250.3	8371.4	8730.5	9089.6	9909.9	10808.7	10275.1
45°	8963.0	8995.0	9220.7	9447.1	10249.9	11186.8	10730.1
47.5°	9649.2	9539.3	9629.3	9719.3	10510.6	11456.6	11075.5
50°	10355.1	10049.3	10002.1	9954.8	10771.3	11774.6	11514.6
52.5°	11073.2	10569.3	10382.6	10195.0	11082.3	12196.2	12061.2
55°	11776.1	11135.0	10883.4	10631.8	11558.1	12710.8	12864.0
57.5°	12507.2	11780.7	11547.4	11314.1	12257.1	13362.6	13584.4
60°	13293.9	12574.3	12387.5	12200.0	13126.3	14067.0	13905.4
62.5°	14040.3	13468.5	13370.2	13271.1	14005.3	14608.2	13780.4
65°	14538.8	14212.6	14304.1	14396.3	14670.0	14743.2	13414.4
67.5°	14205.7	14272.1	14658.6	15045.9	14857.5	14342.2	12693.3
70°	12354.7	12752.7	13668.3	14584.6	14166.9	13268.0	11398.8
72.5°	9597.3	10044.8	11404.1	12764.2	12379.1	11278.2	9362.5
75°	7130.3	7635.8	9136.1	10636.4	10102.0	8436.2	6703.4
77.5°	5058.2	5396.7	6878.0	8360.0	7488.6	5615.6	4510.8
80°	3682.2	3578.5	4404.2	5229.8	5084.9	3714.2	2896.9
82.5°	2835.2	2582.1	2970.9	3359.7	3338.4	2577.5	2125.4
85°	2160.5	2059.1	2402.9	2746.8	2452.5	1745.8	1350.9
87.5°	1259.5	1416.4	1821.3	2226.9	1671.1	529.9	262.2
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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 CATALOG NUMBER: GAN-SA5A-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)