

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: P383143

Luminaire Tested: **GAN-SA4D-735-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383143
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-SA4D-735-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3500K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25623.2 lumens
Efficiency: N/A
Efficacy: 99.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

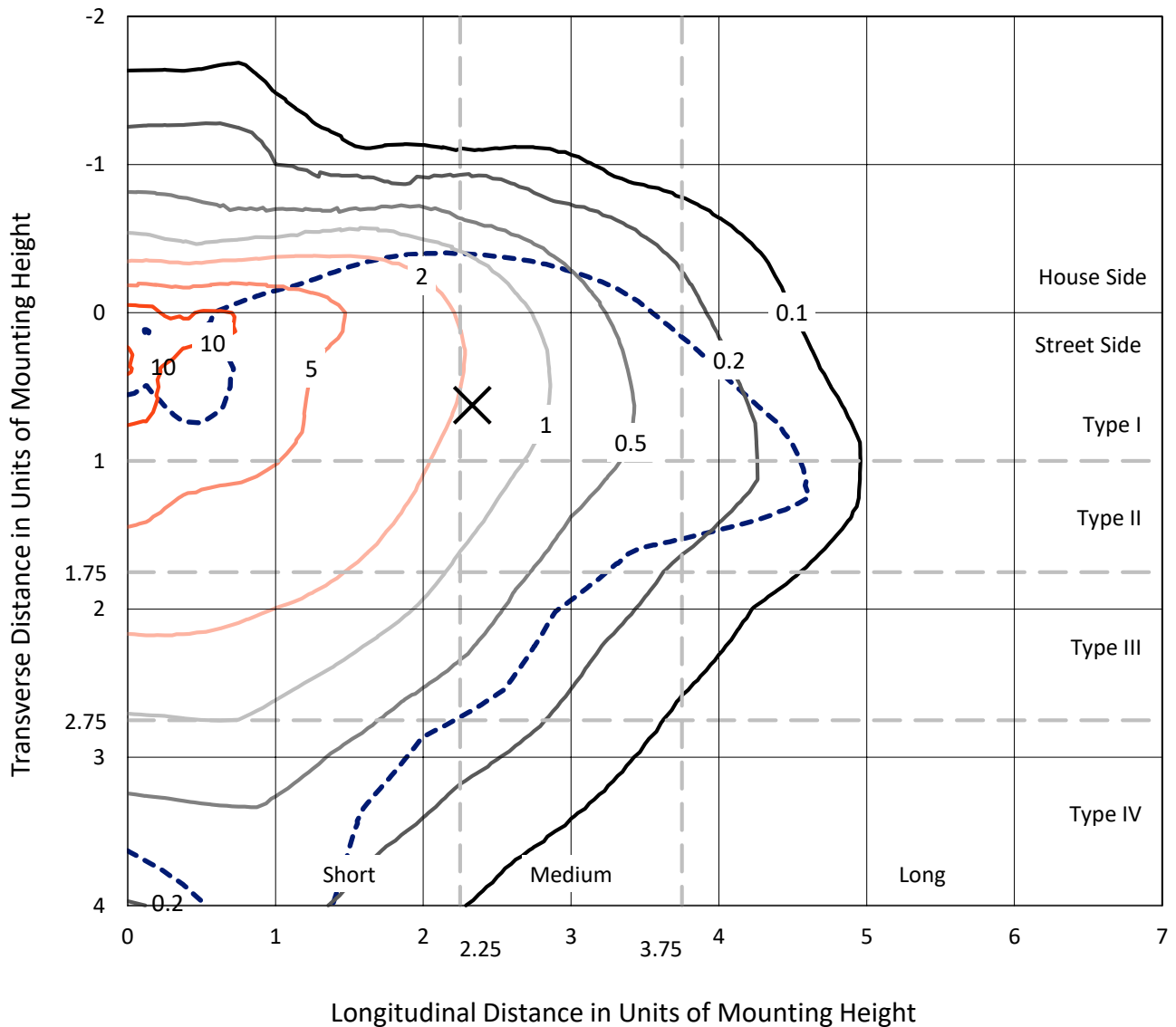
Input Watts (W): 258
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

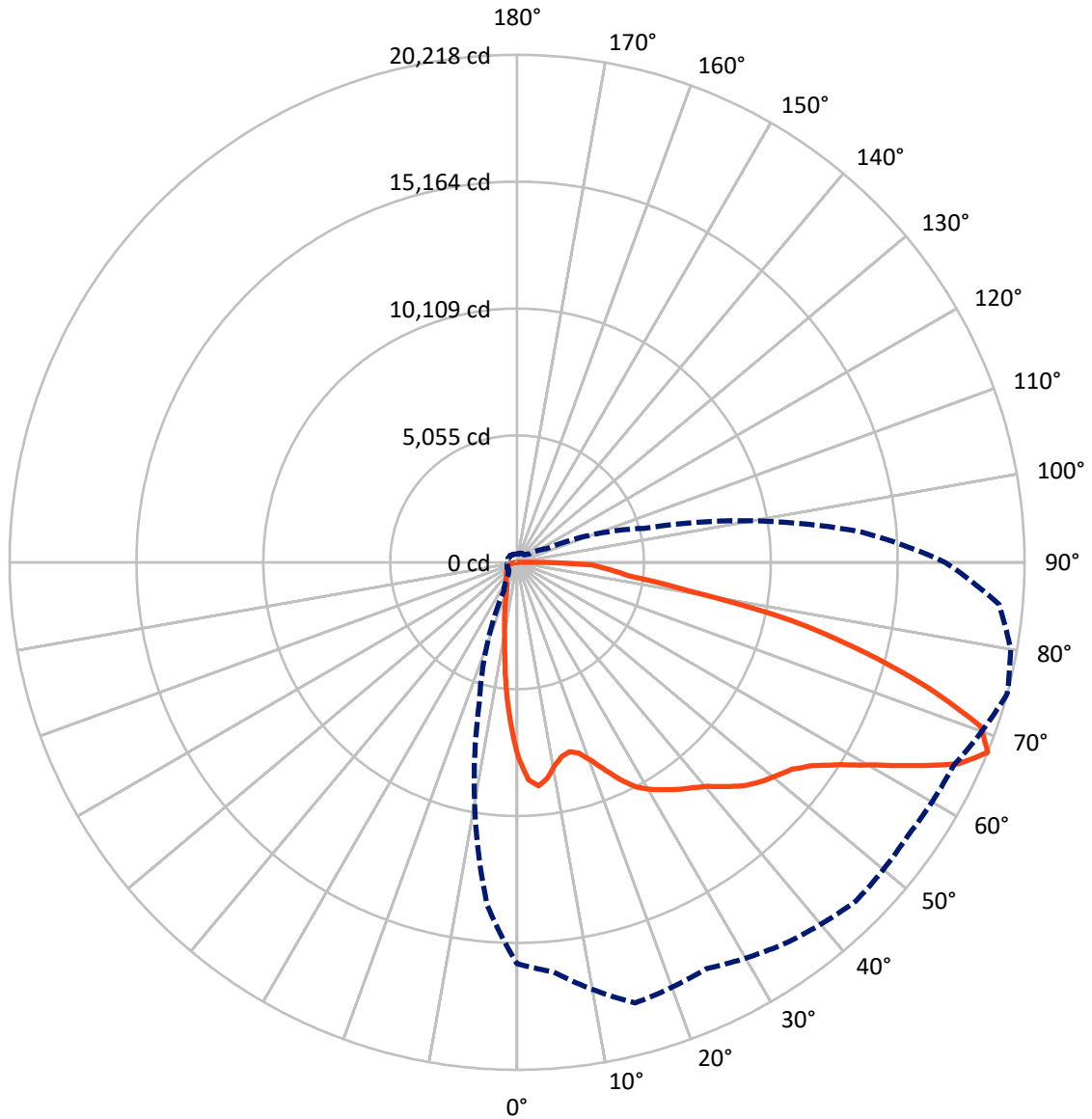
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.7 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4512.9	0.0	4512.9
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	21110.3	0.0	21110.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	25623.2	0.0	25623.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	602.5	2.4
10°-20°	1251.6	4.9
20°-30°	1780.0	6.9
30°-40°	2565.0	10.0
40°-50°	3614.8	14.1
50°-60°	5025.1	19.6
60°-70°	6076.9	23.7
70°-80°	3735.4	14.6
80°-90°	972.0	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°	25623.2	100.0
0°-180°	25623.2	100.0

Coefficient of Utilization

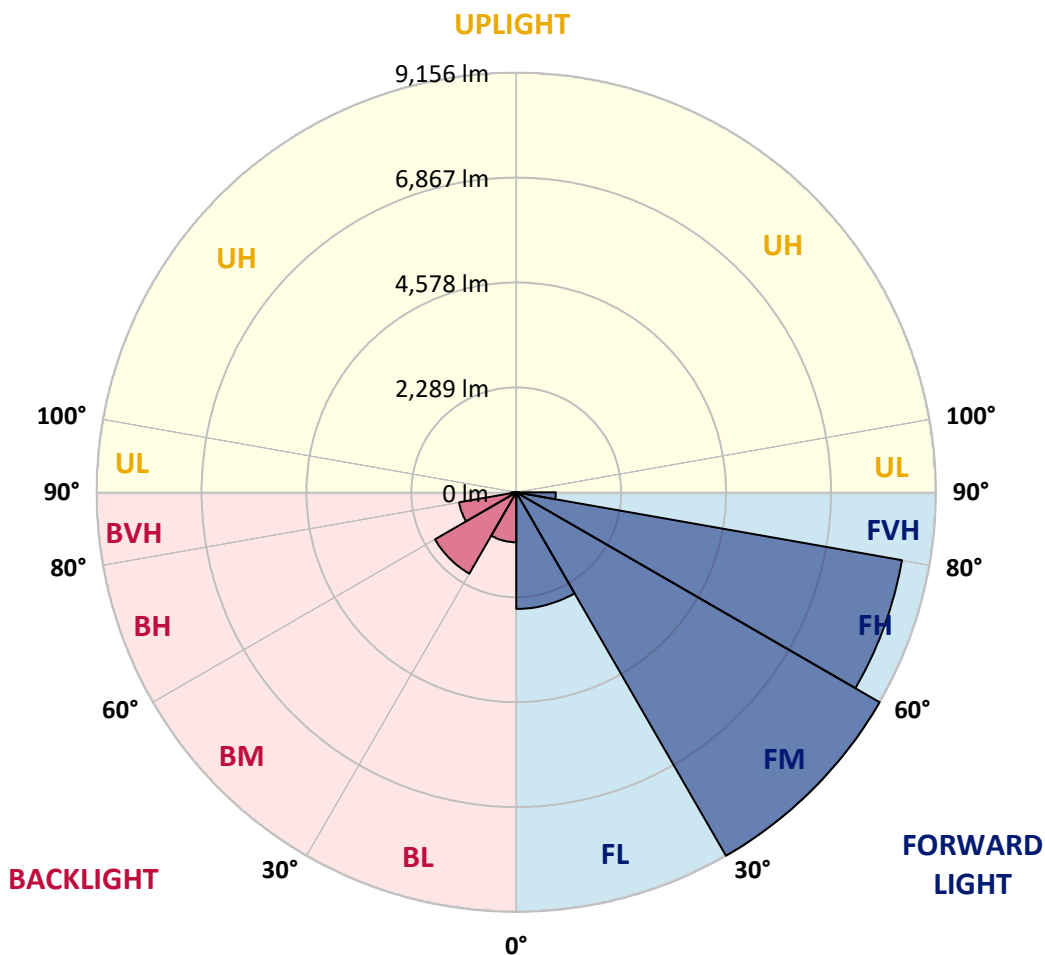


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2544.1	9.9			
FM (30°-60°)	9156.4	35.7			
FH (60°-80°)	8547.0	33.4			G4/12000
FVH (80°-90°)	862.8	3.4			G5
BL (0°-30°)	1089.9	4.3	B3/2500		
BM (30°-60°)	2048.5	8.0	B2/2500		
BH (60°-80°)	1265.2	4.9	B3/2500		G3/2500
BVH (80°-90°)	109.2	0.4			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 III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2
2.5°	8320.5	8430.1	8505.9	8580.7	8639.1	8696.5	8780.5	8864.4	8880.8	8896.2	8863.4
5°	8271.3	8538.7	8766.1	8992.5	9202.5	9412.5	9538.6	9664.5	9690.1	9715.8	9636.9
7.5°	7741.6	8136.0	8530.5	8924.9	9286.5	9648.1	9868.4	10087.6	10137.8	10187.0	10057.9
10°	7139.3	7598.3	8082.9	8567.4	9043.7	9520.1	9838.7	10157.3	10220.8	10284.3	10123.5
12.5°	6681.3	7182.3	7699.7	8217.0	8720.0	9221.9	9551.8	9881.8	9960.6	10039.5	9922.7
15°	6505.2	7054.2	7540.9	8027.5	8465.9	8903.4	9173.9	9443.3	9476.1	9507.8	9489.4
17.5°	6681.3	7286.8	7727.4	8166.8	8405.5	8643.2	8751.8	8859.3	8895.2	8930.0	8977.1
20°	7196.7	7850.2	8160.6	8470.0	8459.8	8448.6	8396.3	8343.0	8333.8	8324.6	8457.8
22.5°	7932.2	8691.3	8815.3	8938.2	8650.4	8362.5	8187.3	8011.1	7976.3	7940.4	8081.8
25°	8795.9	9604.1	9581.5	9558.0	9009.9	8460.8	8126.8	7792.9	7753.9	7715.1	7835.9
27.5°	9735.2	10507.7	10360.1	10212.6	9467.9	8723.1	8238.5	7753.9	7715.1	7676.1	7782.6
30°	10469.8	11170.5	10933.9	10697.1	9854.1	9011.0	8435.3	7859.5	7795.9	7731.5	7862.5
32.5°	11091.6	11687.8	11370.2	11052.6	10167.6	9282.4	8659.6	8036.7	7937.3	7837.9	8013.2
35°	11739.0	12204.1	11757.4	11309.8	10447.2	9583.6	8924.9	8265.2	8143.2	8021.4	8262.1
37.5°	12467.4	12853.6	12212.3	11570.0	10761.7	9953.4	9322.4	8690.3	8565.3	8440.4	8747.7
40°	13236.7	13558.4	12703.0	11847.6	11105.9	10364.2	9872.5	9379.8	9260.9	9141.1	9514.0
42.5°	13909.8	14144.4	13159.9	12175.4	11520.8	10865.2	10518.9	10171.7	10170.6	10168.6	10546.6
45°	14416.9	14620.7	13541.0	12460.2	11925.5	11389.7	11209.4	11029.1	11173.5	11318.0	11660.2
47.5°	14838.0	14976.2	13860.7	12744.0	12388.6	12033.1	12059.7	12086.3	12380.4	12674.4	12894.6
50°	15319.4	15207.8	14150.6	13092.3	12982.7	12873.1	13112.8	13351.5	13689.6	14026.6	14176.2
52.5°	15840.9	15544.8	14544.0	13542.0	13665.0	13787.9	14275.5	14763.2	15104.3	15445.4	15501.8
55°	16778.2	16324.4	15267.2	14209.0	14445.6	14681.2	15397.3	16112.3	16378.7	16645.1	16665.6
57.5°	17834.4	17431.9	16280.4	15128.9	15382.9	15637.1	16463.7	17289.4	17577.3	17864.1	17824.1
60°	18241.1	18260.6	17242.3	16223.0	16479.1	16735.3	17540.4	18345.6	18676.5	19006.4	18918.2
62.5°	17831.3	18311.8	17767.9	17222.8	17455.4	17686.9	18475.8	19264.5	19603.7	19942.8	19789.1
65°	17021.1	17497.4	17741.2	17985.0	18061.9	18138.7	18875.3	19610.8	19871.0	20130.2	20052.3
67.5°	15990.5	16375.7	17275.1	18173.6	18018.8	17864.1	18209.3	18554.6	18822.0	19089.4	19045.3
70°	14797.0	15256.0	16455.5	17655.2	16895.0	16133.8	15991.5	15849.1	16137.9	16425.8	16247.6
72.5°	12656.9	13349.4	14628.9	15907.5	14507.1	13106.7	12620.0	12133.4	12499.1	12864.9	12581.1
75°	9560.0	10479.0	11892.7	13305.4	11634.6	9963.6	9314.2	8664.7	8979.2	9293.7	9099.1
77.5°	6648.6	7801.1	9193.3	10585.5	8887.0	7187.4	6704.9	6221.4	6315.6	6408.9	6376.1
80°	4533.1	5291.2	6262.4	7232.5	6101.5	4970.6	5008.5	5045.4	5001.3	4956.2	5021.8
82.5°	2842.8	3376.6	4126.5	4875.3	4275.0	3674.7	4018.9	4363.1	4194.0	4024.0	4087.5
85°	1601.2	1927.0	2660.5	3393.0	3162.4	2930.9	3132.7	3333.5	3071.2	2809.0	2924.8
87.5°	305.3	508.2	1472.1	2435.1	2210.7	1986.3	1726.2	1466.0	1118.7	771.4	1126.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2
2.5°	8830.6	8813.3	8795.9	8733.4	8669.8	8575.5	8497.7	8362.5	8288.7	8177.0	8065.4
5°	9556.9	9446.4	9335.7	9145.2	8953.6	8740.5	8495.6	8224.2	8019.3	7752.9	7486.6
7.5°	9928.8	9670.7	9411.5	9045.8	8679.0	8349.2	7961.9	7601.3	7294.0	6947.8	6601.5
10°	9962.6	9575.4	9187.1	8711.8	8235.4	7834.9	7389.2	6988.7	6619.9	6222.5	5823.9
12.5°	9804.9	9393.1	8980.2	8456.8	7932.2	7477.3	6998.0	6549.2	6140.5	5703.0	5264.5
15°	9471.0	9142.1	8812.3	8321.5	7830.8	7371.9	6906.8	6375.0	5913.1	5465.4	5016.7
17.5°	9023.2	8867.5	8710.8	8356.4	8000.9	7603.4	7152.6	6528.8	5987.8	5501.3	5014.6
20°	8589.9	8647.3	8703.6	8562.2	8420.9	8102.2	7708.9	7008.2	6317.7	5681.5	5044.3
22.5°	8222.1	8497.7	8772.3	8881.8	8990.5	8798.9	8491.5	7681.3	6767.4	5936.7	5105.8
25°	7955.8	8412.7	8869.5	9234.2	9597.9	9513.0	9276.3	8498.7	7363.7	6304.3	5244.1
27.5°	7889.2	8449.6	9009.9	9575.4	10139.9	10218.8	10153.2	9360.3	8074.7	6761.3	5446.9
30°	7993.7	8561.2	9127.8	9816.2	10503.6	10818.1	10906.2	10078.4	8887.0	7294.0	5700.0
32.5°	8188.3	8744.6	9300.9	10050.7	10799.6	11275.0	11555.7	10735.1	9453.5	7695.6	5936.7
35°	8502.8	9023.2	9543.6	10324.2	11104.9	11719.5	12231.8	11413.2	9956.5	7976.3	5995.0
37.5°	9054.0	9501.7	9949.3	10670.5	11390.7	12187.7	12957.1	12160.0	10500.5	8246.7	5991.9
40°	9886.9	10203.4	10518.9	11128.5	11736.9	12739.9	13778.7	12992.9	11101.8	8539.7	5977.6
42.5°	10924.6	11087.5	11249.4	11731.8	12214.4	13316.7	14524.5	13807.4	11675.6	8812.3	5948.9
45°	12001.3	12044.4	12087.3	12391.6	12694.9	13773.6	15032.6	14419.0	12176.4	9048.9	5920.3
47.5°	13113.9	12966.3	12818.7	12939.7	13060.6	14123.9	15395.2	14883.1	12679.5	9311.1	5941.7
50°	14325.7	13914.9	13504.1	13440.6	13377.1	14474.3	15822.4	15473.1	13283.9	9693.2	6102.6
52.5°	15557.1	14880.0	14202.8	13951.8	13699.8	14892.3	16388.9	16207.6	14146.5	10285.3	6423.2
55°	16686.1	15824.5	14962.9	14624.8	14286.8	15531.5	17080.5	17286.4	15251.9	11042.4	6832.0
57.5°	17783.2	16806.9	15830.6	15517.2	15203.7	16470.9	17956.3	18254.4	16368.5	11768.7	7168.0
60°	18830.2	17864.1	16897.1	16646.1	16394.0	17638.8	18902.9	18685.7	16944.2	12108.8	7272.5
62.5°	19635.3	18867.1	18098.8	17966.6	17833.4	18820.0	19630.2	18517.8	16578.5	11773.8	6969.3
65°	19974.5	19537.1	19098.6	19222.6	19345.4	19713.2	19811.6	18026.0	15429.0	10835.5	6241.9
67.5°	19000.2	19089.4	19178.5	19698.9	20218.3	19965.3	19272.7	17056.9	13793.1	9505.8	5218.5
70°	16068.3	16603.1	17136.7	18368.2	19598.6	19037.1	17829.3	15317.3	11824.0	7974.2	4123.4
72.5°	12296.3	12897.6	13498.0	15325.5	17152.1	16634.8	15155.5	12581.1	9480.2	6367.9	3254.6
75°	8903.4	9582.6	10260.8	12276.9	14292.9	13574.8	11336.5	9007.9	7200.8	4860.9	2520.1
77.5°	6342.3	6797.1	7252.0	9243.5	11234.0	10064.1	7546.0	6061.6	4983.9	3378.6	1772.3
80°	5087.4	4948.0	4808.7	5918.2	7027.6	6833.0	4991.0	3892.8	3449.2	2264.0	1078.7
82.5°	4150.0	3809.8	3469.7	3992.2	4514.7	4486.1	3463.6	2856.1	2567.3	1573.6	579.8
85°	3039.5	2903.3	2767.0	3229.0	3691.1	3296.7	2345.9	1815.3	2001.7	1158.7	315.5
87.5°	1482.4	1693.4	1903.4	2448.4	2992.4	2246.6	712.0	352.4	487.7	320.6	152.7
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: P383143
 CATALOG NUMBER: GAN-SA4D-735-U-SLL

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: P383143

CATALOG NUMBER: GAN-SA4D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2
2.5°	7982.4	7898.4	7803.1	7707.9	7599.3	7489.6	7425.1	7359.6	7288.9	7218.2	7138.3
5°	7310.4	7134.2	6934.4	6734.6	6536.9	6339.2	6232.7	6126.1	6013.4	5899.8	5801.4
7.5°	6345.3	6088.2	5811.6	5534.0	5288.1	5041.3	4888.6	4735.0	4595.6	4455.3	4337.5
10°	5496.1	5168.3	4890.6	4612.0	4426.6	4241.1	4100.9	3960.5	3825.2	3689.0	3558.9
12.5°	4936.7	4608.9	4432.8	4256.5	4102.9	3949.2	3787.3	3624.5	3439.0	3252.6	3116.3
15°	4718.6	4420.5	4224.8	4028.1	3822.1	3615.2	3416.5	3217.8	2998.6	2779.3	2624.6
17.5°	4624.3	4234.0	3960.5	3685.9	3414.5	3142.9	2912.5	2682.0	2442.2	2202.6	2045.8
20°	4524.9	4005.6	3638.8	3271.0	2922.7	2574.4	2313.2	2051.9	1837.9	1623.7	1503.9
22.5°	4434.8	3762.8	3302.8	2841.8	2429.9	2018.1	1762.0	1504.9	1373.8	1242.7	1194.5
25°	4397.9	3550.7	2985.2	2419.7	1985.3	1550.0	1367.6	1185.3	1135.1	1083.9	1059.3
27.5°	4404.1	3361.2	2717.8	2073.4	1682.1	1290.8	1165.8	1040.8	1010.1	978.3	962.9
30°	4427.6	3155.2	2465.8	1776.4	1453.7	1131.0	1050.0	968.1	935.3	902.5	883.1
32.5°	4454.3	2970.9	2271.2	1570.5	1307.1	1042.9	976.3	908.6	877.0	845.2	825.7
35°	4408.2	2820.3	2138.0	1455.7	1213.0	969.1	912.7	855.4	820.6	785.8	767.3
37.5°	4330.3	2668.7	2034.5	1399.4	1151.5	902.5	861.6	819.6	783.7	746.8	729.4
40°	4259.6	2540.6	1957.7	1373.8	1117.7	860.6	825.7	790.9	754.0	716.1	695.6
42.5°	4202.2	2454.5	1881.9	1309.2	1086.9	863.6	814.5	764.2	728.4	692.5	670.0
45°	4159.2	2398.2	1822.5	1246.8	1058.2	869.8	807.3	744.8	708.9	672.0	645.4
47.5°	4155.1	2368.5	1780.5	1192.5	1003.9	814.5	788.8	763.2	711.0	657.7	626.9
50°	4211.4	2320.4	1731.3	1141.2	951.7	762.2	797.0	830.8	741.7	651.5	612.6
52.5°	4329.3	2235.3	1653.4	1071.6	888.2	703.8	758.1	811.4	734.5	656.6	606.4
55°	4471.7	2110.3	1535.7	959.9	804.2	647.4	695.6	742.7	694.6	645.4	584.9
57.5°	4560.8	1952.6	1387.1	821.6	709.9	598.2	625.9	652.5	633.1	613.6	552.1
60°	4507.5	1742.6	1220.1	696.6	626.9	557.3	552.1	546.0	574.7	603.4	532.8
62.5°	4247.3	1525.4	1072.6	619.8	567.5	514.3	503.0	490.7	537.9	583.9	509.2
65°	3807.8	1373.8	979.3	584.9	526.6	468.2	455.9	443.6	457.9	472.3	437.5
67.5°	3249.5	1280.5	926.1	571.6	501.0	429.3	414.9	400.6	397.5	394.4	382.1
70°	2673.8	1223.2	891.3	559.3	473.3	386.2	372.9	359.6	355.5	350.4	341.1
72.5°	2235.3	1216.0	887.2	558.3	450.8	343.2	330.9	318.6	313.5	307.3	300.1
75°	1830.7	1141.2	842.1	542.9	420.0	296.0	284.8	273.5	269.4	264.3	258.1
77.5°	1358.4	944.5	707.9	471.3	359.6	247.9	236.6	224.3	223.3	221.2	216.1
80°	881.1	683.3	506.1	328.8	262.2	194.6	185.4	175.2	176.2	177.3	173.2
82.5°	489.7	398.5	309.4	220.2	179.3	138.3	134.2	129.1	132.2	134.2	129.1
85°	258.1	200.7	166.0	131.2	103.5	75.8	75.8	74.8	78.9	83.0	78.9
87.5°	111.7	70.7	60.5	49.2	27.7	5.1	6.1	6.1	8.2	10.2	9.2
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: P383143
 CATALOG NUMBER: GAN-SA4D-735-U-SLL

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: P383143

CATALOG NUMBER: GAN-SA4D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2
2.5°	7057.3	6982.6	6906.8	6823.8	6839.1	6775.6	6712.1	6672.1	6632.2	6619.9	6607.7
5°	5703.0	5618.0	5532.0	5455.1	5521.7	5476.7	5431.6	5425.4	5418.3	5418.3	5417.2
7.5°	4219.6	4128.5	4036.3	3972.8	4038.4	4030.2	4022.0	4066.0	4110.1	4145.9	4180.7
10°	3428.7	3318.2	3206.5	3112.2	3095.8	3048.8	3000.6	3010.9	3020.1	3059.0	3097.9
12.5°	2980.1	2847.9	2715.7	2605.2	2555.0	2477.1	2398.2	2349.0	2299.9	2305.0	2309.1
15°	2468.9	2340.8	2211.8	2116.5	2084.7	2024.3	1963.9	1902.4	1839.9	1814.3	1787.6
17.5°	1888.1	1785.6	1682.1	1618.7	1618.7	1601.2	1583.8	1553.1	1521.3	1495.7	1469.1
20°	1384.0	1329.7	1274.4	1247.8	1256.0	1257.0	1257.0	1272.3	1287.7	1279.5	1271.3
22.5°	1145.3	1125.9	1106.4	1095.1	1099.2	1100.3	1101.3	1115.6	1128.9	1139.2	1148.4
25°	1033.6	1021.3	1009.1	1005.0	1014.2	1015.2	1015.2	1024.4	1033.6	1043.9	1054.1
27.5°	946.5	941.4	936.3	929.1	938.3	938.3	937.3	947.6	956.8	966.0	974.2
30°	863.6	865.7	866.7	864.7	870.8	874.9	878.0	885.2	891.3	898.5	905.6
32.5°	805.2	802.2	799.1	797.0	810.4	817.5	824.7	831.9	838.0	841.1	844.2
35°	748.9	741.7	734.5	729.4	741.7	750.9	760.1	773.5	785.8	787.8	789.9
37.5°	711.0	701.7	692.5	686.4	691.5	695.6	699.7	714.0	728.4	736.6	743.7
40°	675.1	665.9	656.6	651.5	654.6	655.6	656.6	663.8	670.0	685.3	699.7
42.5°	646.4	635.1	623.9	617.7	619.8	621.8	622.8	621.8	620.8	635.1	649.5
45°	617.7	605.4	593.1	585.9	587.0	587.0	587.0	584.9	581.8	589.0	596.2
47.5°	595.2	580.8	566.5	559.3	557.3	555.2	553.2	552.1	550.1	555.2	559.3
50°	572.6	557.3	540.9	532.8	527.6	525.6	523.5	522.5	520.5	525.6	529.7
52.5°	555.2	536.9	518.4	505.1	500.0	496.9	493.8	494.8	494.8	496.9	497.9
55°	524.6	508.2	490.7	481.5	472.3	470.2	468.2	471.3	473.3	473.3	473.3
57.5°	490.7	475.4	459.0	452.8	444.6	444.6	443.6	447.7	450.8	452.8	454.9
60°	461.0	443.6	426.2	421.1	418.0	417.0	415.9	421.1	425.2	429.3	433.4
62.5°	433.4	414.9	396.5	390.3	389.3	390.3	390.3	395.4	399.5	403.6	407.7
65°	402.6	384.2	364.7	358.6	360.6	363.7	366.8	370.8	373.9	378.0	382.1
67.5°	368.8	353.4	337.0	330.9	331.9	336.0	340.1	343.2	345.2	349.3	353.4
70°	331.9	318.6	305.3	301.2	300.1	305.3	309.4	311.4	313.5	318.6	322.7
72.5°	291.9	280.7	269.4	266.3	267.4	270.4	273.5	276.6	278.6	283.7	287.8
75°	251.0	240.7	230.5	228.4	230.5	233.5	236.6	238.7	240.7	246.9	252.0
77.5°	211.0	199.7	187.4	186.4	189.5	192.6	194.6	197.7	200.7	208.9	217.1
80°	169.1	156.8	143.5	142.4	145.5	148.6	151.7	154.7	157.8	168.1	177.3
82.5°	124.0	109.6	95.3	93.2	103.5	106.6	109.6	114.8	118.9	128.1	137.3
85°	74.8	60.5	46.1	45.1	54.3	59.4	64.6	70.7	75.8	84.0	92.2
87.5°	8.2	4.1	0.0	0.0	1.0	5.1	9.2	14.3	19.5	27.7	34.8
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: P383143
 CATALOG NUMBER: GAN-SA4D-735-U-SLL

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: P383143
 CATALOG NUMBER: GAN-SA4D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2
2.5°	6562.6	6516.5	6563.6	6609.7	6629.2	6648.6	6598.4	6547.2	6627.1	6705.9	6726.4
5°	5376.2	5334.2	5366.0	5396.7	5328.1	5259.4	5252.3	5244.1	5303.5	5362.9	5372.1
7.5°	4167.4	4154.1	4183.8	4213.5	4126.5	4038.4	3995.3	3952.3	3966.6	3981.0	3978.9
10°	3107.1	3115.3	3152.2	3188.0	3120.4	3052.9	3023.2	2993.4	3026.2	3058.0	3087.6
12.5°	2327.6	2344.9	2383.8	2421.7	2394.1	2365.4	2368.5	2371.5	2409.4	2446.3	2479.1
15°	1808.1	1828.6	1856.3	1882.9	1884.0	1884.0	1910.6	1936.2	1933.1	1930.1	1952.6
17.5°	1496.7	1523.4	1526.4	1529.5	1530.5	1531.6	1529.5	1527.5	1512.1	1496.7	1514.1
20°	1281.5	1290.8	1298.9	1306.1	1296.9	1286.7	1261.0	1235.5	1225.3	1215.0	1231.4
22.5°	1165.8	1182.2	1174.0	1164.8	1146.4	1126.9	1107.4	1086.9	1085.9	1083.9	1093.1
25°	1068.5	1081.8	1067.5	1053.1	1039.8	1026.5	1013.2	999.8	998.8	997.8	1001.9
27.5°	987.5	999.8	986.5	973.2	961.9	950.6	940.4	930.2	928.1	926.1	927.1
30°	917.9	929.1	917.9	905.6	897.5	888.2	881.1	873.9	872.9	871.8	871.8
32.5°	855.4	866.7	858.5	850.3	843.1	836.0	830.8	825.7	820.6	815.5	804.2
35°	801.1	812.4	807.3	801.1	792.9	784.7	775.5	765.3	751.9	737.6	731.5
37.5°	755.0	766.3	761.2	756.0	744.8	733.5	717.1	699.7	695.6	690.5	689.4
40°	718.1	735.5	725.3	714.0	696.6	679.2	671.0	662.8	660.7	658.7	656.6
42.5°	677.1	703.8	685.3	666.9	650.5	634.1	632.1	630.0	629.0	628.0	628.0
45°	625.9	654.6	636.2	616.7	607.5	598.2	598.2	598.2	599.3	599.3	601.3
47.5°	577.7	595.2	585.9	576.7	571.6	566.5	567.5	568.5	571.6	573.6	578.8
50°	536.9	542.9	545.0	546.0	542.9	539.9	541.9	542.9	546.0	548.0	552.1
52.5°	507.1	516.4	516.4	515.3	515.3	515.3	517.4	519.4	522.5	525.6	529.7
55°	487.7	501.0	496.9	492.8	493.8	493.8	495.9	497.9	501.0	503.0	509.2
57.5°	469.2	483.6	479.5	475.4	475.4	475.4	476.4	477.4	480.5	482.5	486.6
60°	447.7	462.0	457.9	452.8	453.8	454.9	455.9	455.9	457.9	459.0	459.0
62.5°	422.1	436.4	432.3	427.2	430.3	432.3	432.3	432.3	434.4	435.4	432.3
65°	395.4	408.8	404.7	400.6	404.7	407.7	409.8	410.8	409.8	408.8	405.7
67.5°	366.8	380.1	376.0	370.8	376.0	380.1	384.2	387.2	384.2	381.1	377.0
70°	336.0	349.3	344.2	339.1	344.2	349.3	353.4	357.5	353.4	349.3	348.3
72.5°	303.2	318.6	312.4	306.3	312.4	318.6	320.6	322.7	319.6	316.5	314.5
75°	267.4	282.7	277.6	271.5	276.6	281.7	282.7	283.7	283.7	282.7	276.6
77.5°	229.4	241.7	238.7	235.6	238.7	241.7	241.7	241.7	242.8	242.8	234.6
80°	184.4	191.5	192.6	193.6	194.6	195.6	194.6	193.6	191.5	189.5	184.4
82.5°	137.3	137.3	145.5	152.7	152.7	151.7	150.6	148.6	144.5	139.4	128.1
85°	87.1	82.0	95.3	107.6	107.6	106.6	104.5	101.4	93.2	84.0	74.8
87.5°	29.7	24.6	37.9	51.2	52.3	52.3	50.2	48.2	40.0	30.7	23.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383143
 CATALOG NUMBER: GAN-SA4D-735-U-SLL

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: P383143
 CATALOG NUMBER: GAN-SA4D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2
2.5°	6757.2	6770.5	6782.8	6883.2	6982.6	7099.3	7216.1	7305.3	7393.3	7484.5	7575.7
5°	5403.9	5420.3	5436.7	5558.6	5679.5	5842.4	6005.2	6145.6	6286.0	6450.9	6615.9
7.5°	4005.6	4041.4	4076.3	4206.3	4335.4	4510.6	4684.8	4868.1	5050.5	5265.6	5480.8
10°	3146.0	3213.7	3280.3	3413.5	3546.6	3719.8	3891.8	4083.4	4275.0	4487.1	4698.1
12.5°	2546.8	2636.9	2726.0	2885.8	3045.7	3252.6	3458.5	3671.6	3883.6	4070.1	4256.5
15°	2012.0	2110.3	2207.7	2376.7	2545.7	2773.1	2999.6	3232.1	3463.6	3687.0	3910.3
17.5°	1569.5	1650.3	1730.3	1873.7	2016.1	2236.4	2456.6	2700.4	2944.2	3216.7	3488.2
20°	1266.2	1300.0	1333.8	1437.3	1539.8	1719.0	1897.3	2146.2	2395.1	2720.9	3046.7
22.5°	1109.5	1126.9	1143.3	1193.5	1242.7	1358.4	1473.1	1693.4	1912.7	2268.1	2622.6
25°	1015.2	1028.5	1041.8	1074.6	1107.4	1162.8	1218.1	1372.7	1527.5	1876.8	2225.1
27.5°	930.2	950.6	970.1	985.5	999.8	1037.7	1074.6	1176.1	1277.4	1603.3	1928.0
30°	868.8	875.9	883.1	906.6	929.1	968.1	1007.0	1077.7	1148.4	1424.0	1698.5
32.5°	797.0	807.3	817.5	842.1	866.7	902.5	938.3	995.7	1052.1	1287.7	1522.3
35°	732.5	742.7	753.0	777.6	801.1	840.1	878.0	926.1	973.2	1178.1	1383.0
37.5°	692.5	702.8	713.0	734.5	755.0	794.0	831.9	869.8	906.6	1096.2	1285.6
40°	658.7	668.9	679.2	699.7	719.2	757.1	794.0	825.7	857.5	1034.7	1211.9
42.5°	629.0	640.3	651.5	672.0	691.5	725.3	759.1	801.1	842.1	981.4	1119.7
45°	604.4	615.7	625.9	648.5	671.0	703.8	736.6	795.0	853.4	953.7	1054.1
47.5°	581.8	594.1	605.4	630.0	654.6	695.6	735.5	784.7	832.9	932.2	1031.6
50°	560.3	574.7	589.0	618.7	647.4	716.1	783.7	790.9	797.0	914.8	1031.6
52.5°	539.9	556.2	572.6	609.5	645.4	725.3	805.2	779.6	753.0	882.1	1011.1
55°	519.4	533.8	547.0	592.1	637.2	695.6	754.0	720.2	685.3	820.6	955.8
57.5°	491.8	507.1	521.5	569.5	617.7	658.7	698.7	667.9	636.2	750.9	864.7
60°	463.1	480.5	497.9	559.3	619.8	612.6	604.4	598.2	591.1	673.0	755.0
62.5°	437.5	455.9	474.3	554.2	634.1	584.9	535.8	540.9	545.0	605.4	665.9
65°	411.8	430.3	447.7	487.7	527.6	508.2	488.7	496.9	504.1	563.4	622.8
67.5°	383.1	399.5	414.9	428.2	441.6	443.6	445.7	453.8	462.0	532.8	602.3
70°	351.4	364.7	378.0	387.2	395.4	399.5	402.6	412.9	423.1	500.0	576.7
72.5°	315.5	326.8	337.0	345.2	353.4	356.5	358.6	368.8	379.0	461.0	542.9
75°	276.6	285.8	294.0	301.2	308.3	312.4	316.5	323.7	330.9	420.0	508.2
77.5°	233.5	242.8	251.0	257.1	262.2	266.3	269.4	278.6	287.8	362.7	436.4
80°	182.3	193.6	203.8	208.9	213.0	214.1	214.1	222.3	230.5	283.7	336.0
82.5°	129.1	141.4	152.7	156.8	160.9	160.9	160.9	170.1	179.3	215.1	249.9
85°	75.8	89.1	101.4	105.5	109.6	111.7	112.7	116.8	119.9	145.5	170.1
87.5°	23.6	34.8	45.1	47.1	49.2	53.3	57.4	58.4	58.4	75.8	93.2
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: P383143
 CATALOG NUMBER: GAN-SA4D-735-U-SLL

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°	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2	7806.2
2.5°	7680.2	7784.7	7906.6	8027.5	8130.9	8234.4	8320.5
5°	6825.8	7035.8	7293.0	7549.1	7777.5	8006.0	8271.3
7.5°	5752.2	6023.7	6356.6	6689.5	7012.3	7334.0	7741.6
10°	4974.7	5250.2	5602.6	5954.0	6316.6	6678.3	7139.3
12.5°	4480.9	4704.2	5045.4	5386.5	5812.7	6237.8	6681.3
15°	4155.1	4399.0	4730.9	5062.8	5528.9	5995.0	6505.2
17.5°	3807.8	4126.5	4551.5	4976.7	5528.9	6080.0	6681.3
20°	3444.1	3840.6	4391.8	4942.9	5686.6	6429.4	7196.7
22.5°	3081.5	3540.4	4247.3	4953.1	5925.4	6896.5	7932.2
25°	2754.7	3284.4	4159.2	5033.1	6272.7	7511.2	8795.9
27.5°	2506.8	3084.5	4123.4	5161.1	6713.1	8265.2	9735.2
30°	2286.6	2874.6	4080.4	5286.1	7137.2	8987.4	10469.8
32.5°	2096.0	2669.7	3997.4	5324.0	7433.3	9542.6	11091.6
35°	1946.5	2509.9	3858.0	5206.2	7618.8	10031.3	11739.0
37.5°	1817.4	2349.0	3699.3	5049.5	7783.6	10517.9	12467.4
40°	1694.4	2176.9	3563.0	4948.0	8011.1	11074.1	13236.7
42.5°	1577.7	2035.5	3453.3	4871.2	8222.1	11572.1	13909.8
45°	1490.6	1927.0	3356.1	4784.1	8358.4	11932.7	14416.9
47.5°	1447.5	1862.4	3303.8	4744.2	8494.6	12244.1	14838.0
50°	1441.4	1851.2	3363.3	4875.3	8789.7	12703.0	15319.4
52.5°	1440.4	1869.6	3534.3	5199.1	9337.7	13475.5	15840.9
55°	1418.8	1880.9	3738.2	5594.4	10073.3	14551.1	16778.2
57.5°	1353.3	1841.9	3948.2	6053.4	10850.9	15647.3	17834.4
60°	1251.9	1747.7	4121.4	6493.9	11373.3	16251.7	18241.1
62.5°	1124.8	1582.8	4178.6	6773.6	11358.9	15944.4	17831.3
65°	1016.2	1409.6	3990.2	6569.7	10784.2	14997.7	17021.1
67.5°	919.9	1236.5	3518.9	5800.4	9750.6	13699.8	15990.5
70°	850.3	1122.8	2911.5	4700.1	8456.8	12212.3	14797.0
72.5°	806.3	1068.5	2373.6	3677.7	6862.7	10046.6	12656.9
75°	745.8	983.4	1862.4	2740.3	5252.3	7764.2	9560.0
77.5°	633.1	828.8	1403.5	1978.2	3853.9	5728.6	6648.6
80°	488.7	640.3	965.0	1289.7	2652.3	4014.8	4533.1
82.5°	348.3	446.7	584.9	723.3	1762.0	2799.8	2842.8
85°	215.1	260.2	335.0	409.8	1165.8	1921.9	1601.2
87.5°	115.8	138.3	177.3	215.1	372.9	530.7	305.3
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



REPORT NUMBER: P383143
CATALOG NUMBER: GAN-SA4D-735-U-SLL

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)