

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: P320463

Luminaire Tested: **GAN-SA9D-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320463
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-SA9D-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 2700K, 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: 44812 lumens
Efficiency: N/A
Efficacy: 77.9 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

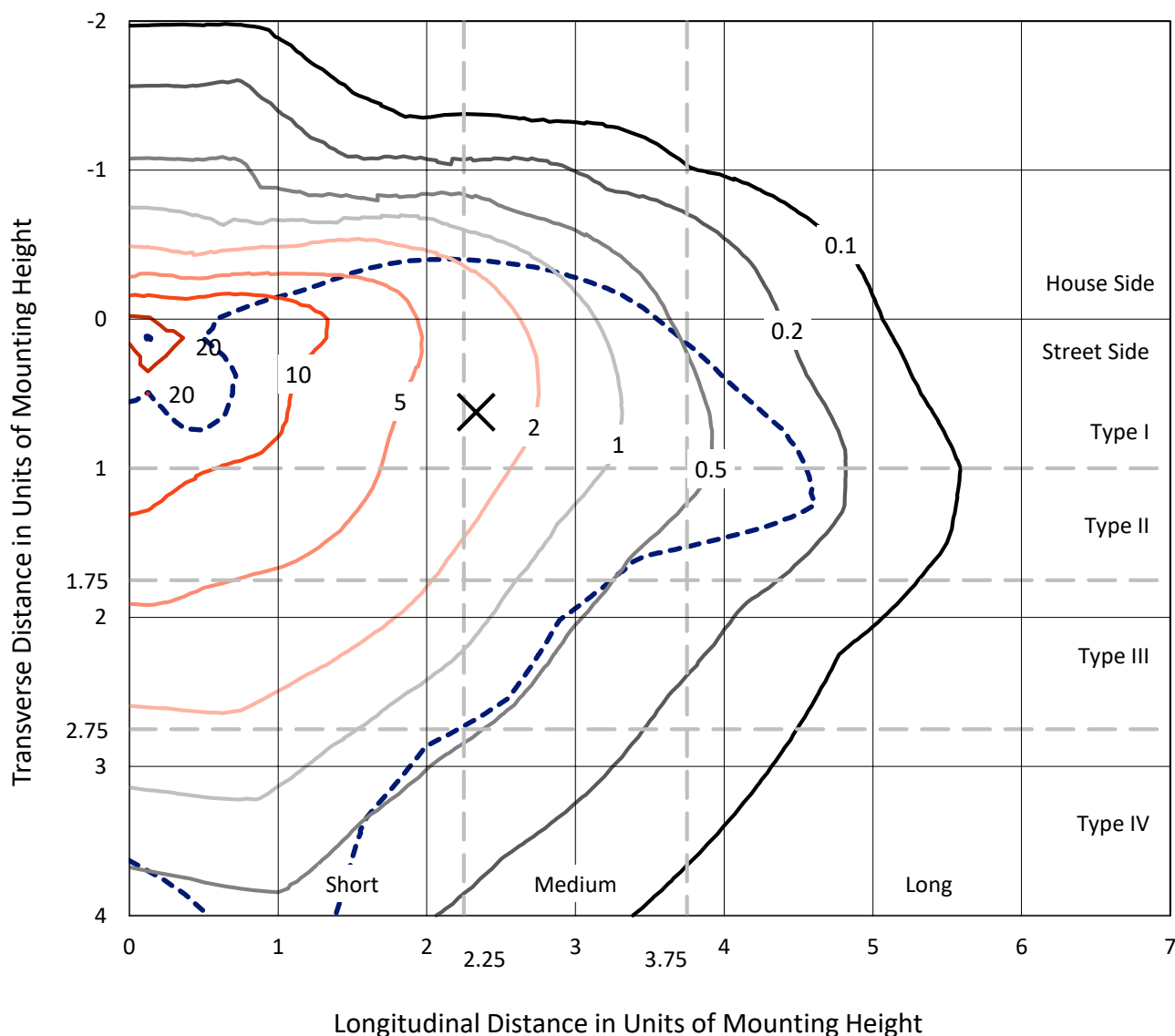
Input Watts (W): 575
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

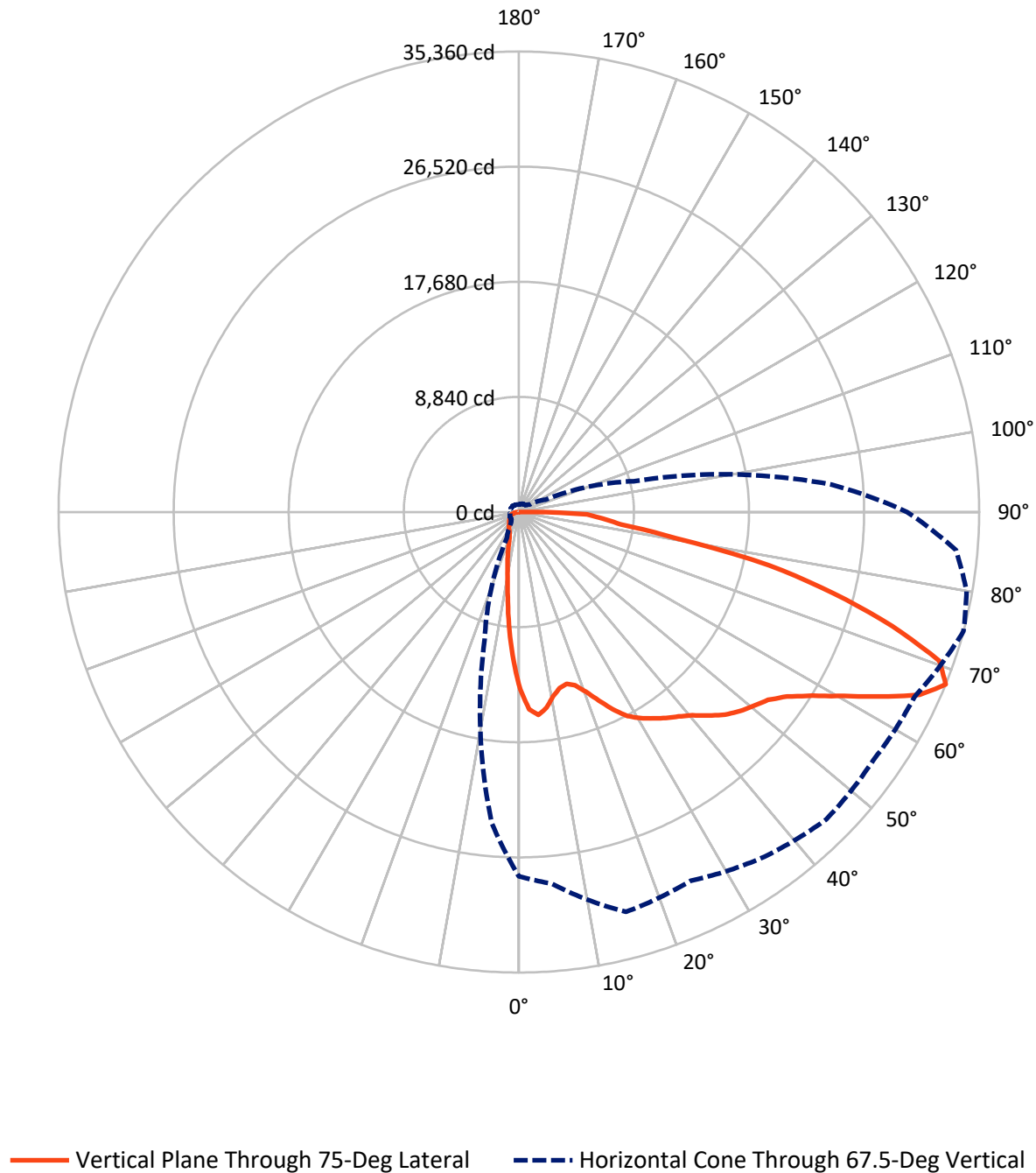
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 27.5 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7892.5	0.0	7892.5
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	36919.5	0.0	36919.5
	% Fixture	82.4	0.0	82.4
Total	Lumens	44812.0	0.0	44812.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1053.6	2.4
10°-20°	2188.8	4.9
20°-30°	3113.0	6.9
30°-40°	4485.8	10.0
40°-50°	6321.8	14.1
50°-60°	8788.4	19.6
60°-70°	10627.8	23.7
70°-80°	6532.8	14.6
80°-90°	1699.9	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	44812.0	100.0
0°-180°	44812.0	100.0

Coefficient of Utilization



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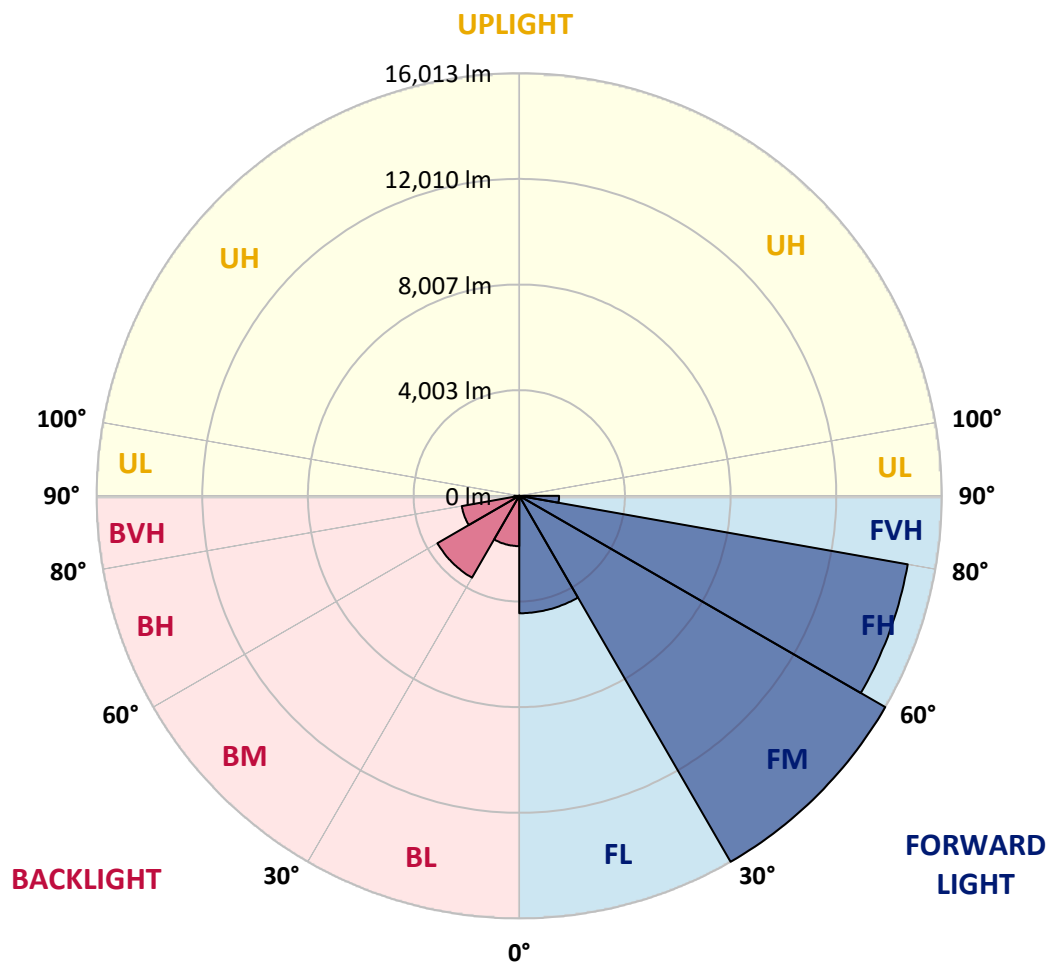
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4449.4	9.9			
FM	(30°-60°)	16013.4	35.7			
FH	(60°-80°)	14947.8	33.4			G5
FVH	(80°-90°)	1508.9	3.4			G5
BL	(0°-30°)	1906.1	4.3	B3/2500		
BM	(30°-60°)	3582.6	8.0	B3/5000		
BH	(60°-80°)	2212.8	4.9	B3/2500		G3/2500
BVH	(80°-90°)	191.0	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°	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2
2.5°	14551.6	14743.3	14875.9	15006.7	15108.8	15209.1	15356.0	15502.9	15531.6	15558.5	15501.1
5°	14465.6	14933.2	15330.9	15726.9	16094.2	16461.5	16681.8	16902.2	16947.0	16991.8	16853.8
7.5°	13539.3	14229.1	14918.9	15608.6	16241.1	16873.5	17258.7	17642.1	17729.9	17815.9	17590.2
10°	12485.8	13288.5	14135.9	14983.4	15816.5	16649.6	17206.8	17764.0	17875.0	17986.1	17704.8
12.5°	11685.0	12561.1	13465.9	14370.6	15250.3	16128.2	16705.1	17282.0	17420.0	17557.9	17353.7
15°	11376.8	12337.1	13188.2	14039.2	14806.0	15571.0	16044.0	16515.2	16572.5	16628.1	16595.8
17.5°	11685.0	12743.8	13514.2	14282.8	14700.3	15115.9	15305.9	15494.0	15556.7	15617.6	15700.0
20°	12586.2	13729.2	14272.1	14813.2	14795.2	14775.5	14684.2	14591.0	14574.9	14558.7	14791.7
22.5°	13872.6	15200.2	15416.9	15631.9	15128.5	14625.0	14318.7	14010.5	13949.6	13886.9	14134.1
25°	15382.9	16796.5	16757.1	16715.9	15757.3	14797.0	14213.0	13628.9	13560.8	13492.7	13704.1
27.5°	17025.8	18376.7	18118.7	17860.7	16558.2	15255.7	14408.3	13560.8	13492.7	13424.6	13611.0
30°	18310.4	19535.9	19122.0	18708.2	17233.6	15759.1	14752.2	13745.4	13634.3	13521.4	13750.7
32.5°	19397.9	20440.7	19885.3	19329.8	17781.9	16233.9	15144.6	14055.3	13881.5	13707.7	14014.1
35°	20530.2	21343.6	20562.5	19779.5	18271.0	16760.7	15608.6	14454.8	14241.6	14028.4	14449.5
37.5°	21804.1	22479.5	21358.0	20234.6	18821.0	17407.4	16303.8	15198.4	14979.8	14761.2	15298.7
40°	23149.6	23712.2	22216.2	20720.1	19423.0	18125.9	17265.9	16404.1	16196.3	15986.7	16638.8
42.5°	24326.7	24737.0	23015.2	21293.5	20148.6	19002.0	18396.4	17789.0	17787.3	17783.7	18444.8
45°	25213.5	25570.1	23681.7	21791.5	20856.3	19919.3	19604.0	19288.6	19541.3	19793.9	20392.3
47.5°	25949.9	26191.8	24240.7	22287.8	21666.1	21044.4	21091.0	21137.6	21651.8	22166.0	22551.2
50°	26792.0	26596.7	24747.7	22897.0	22705.3	22513.6	22932.8	23350.3	23941.5	24530.9	24792.5
52.5°	27703.9	27186.1	25435.7	23683.5	23898.5	24113.5	24966.3	25819.1	26415.7	27012.3	27110.9
55°	29343.2	28549.6	26700.6	24849.8	25263.7	25675.8	26928.1	28178.7	28644.5	29110.3	29146.2
57.5°	31190.4	30486.3	28472.5	26458.7	26903.0	27347.4	28793.2	30237.3	30740.7	31242.4	31172.5
60°	31901.7	31935.7	30154.8	28372.2	28820.1	29268.0	30676.2	32084.4	32663.1	33240.0	33085.9
62.5°	31185.0	32025.3	31074.0	30120.8	30527.5	30932.4	32312.0	33691.5	34284.5	34877.6	34608.8
65°	29767.9	30601.0	31027.4	31453.8	31588.1	31722.5	33010.7	34297.1	34752.2	35205.4	35069.3
67.5°	27965.5	28639.1	30212.2	31783.4	31512.9	31242.4	31846.1	32449.9	32917.5	33385.1	33308.1
70°	25878.2	26680.9	28778.9	30876.9	29547.5	28216.3	27967.3	27718.2	28223.5	28726.9	28415.2
72.5°	22135.5	23346.7	25584.4	27820.4	25371.2	22922.1	22071.0	21220.0	21859.6	22499.2	22003.0
75°	16719.4	18326.5	20799.0	23269.6	20347.5	17425.3	16289.5	15153.6	15703.6	16253.6	15913.2
77.5°	11627.6	13643.2	16078.0	18512.9	15542.4	12570.0	11726.2	10880.5	11045.4	11208.4	11151.1
80°	7927.9	9253.7	10952.2	12648.9	10670.9	8693.0	8759.3	8823.8	8746.7	8667.9	8782.5
82.5°	4971.8	5905.2	7216.7	8526.3	7476.5	6426.6	7028.5	7630.5	7334.9	7037.5	7148.6
85°	2800.3	3370.0	4652.9	5933.9	5530.7	5125.8	5478.8	5829.9	5371.3	4912.6	5115.1
87.5°	533.9	888.6	2574.6	4258.7	3866.3	3474.0	3018.9	2563.8	1956.5	1349.1	1970.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2
2.5°	15443.8	15413.4	15382.9	15273.6	15162.5	14997.7	14861.5	14625.0	14496.0	14300.8	14105.5
5°	16714.1	16520.6	16327.1	15993.8	15658.8	15286.1	14857.9	14383.2	14024.8	13559.0	13093.2
7.5°	17364.4	16912.9	16459.7	15820.1	15178.7	14601.7	13924.5	13293.9	12756.4	12150.8	11545.2
10°	17423.6	16746.3	16067.3	15236.0	14402.9	13702.4	12923.0	12222.5	11577.5	10882.3	10185.4
12.5°	17147.6	16427.4	15705.4	14789.9	13872.6	13077.1	12238.6	11453.9	10739.0	9974.0	9207.2
15°	16563.6	15988.5	15411.6	14553.4	13695.2	12892.5	12079.1	11149.3	10341.3	9558.3	8773.6
17.5°	15780.6	15508.3	15234.2	14614.3	13992.6	13297.4	12509.1	11418.0	10472.1	9621.0	8770.0
20°	15022.8	15123.1	15221.6	14974.4	14727.2	14170.0	13482.0	12256.5	11049.0	9936.4	8822.0
22.5°	14379.6	14861.5	15341.7	15533.4	15723.3	15388.3	14850.8	13433.6	11835.5	10382.5	8929.5
25°	13913.8	14712.8	15511.9	16149.7	16785.7	16637.0	16223.2	14863.3	12878.2	11025.7	9171.3
27.5°	13797.3	14777.3	15757.3	16746.3	17733.5	17871.5	17756.8	16370.1	14121.6	11824.7	9526.1
30°	13980.1	14972.6	15963.4	17167.4	18369.5	18919.6	19073.6	17626.0	15542.4	12756.4	9968.6
32.5°	14320.5	15293.3	16266.2	17577.6	18887.3	19718.6	20209.5	18774.4	16533.1	13458.7	10382.5
35°	14870.5	15780.6	16690.8	18056.0	19421.2	20496.2	21392.0	19960.5	17412.8	13949.6	10484.6
37.5°	15834.4	16617.3	17400.3	18661.6	19921.1	21315.0	22660.5	21266.6	18364.2	14422.6	10479.2
40°	17291.0	17844.6	18396.4	19462.4	20526.7	22280.7	24097.4	22723.2	19415.8	14935.0	10454.1
42.5°	19105.9	19390.8	19673.8	20517.7	21361.5	23289.3	25401.7	24147.5	20419.2	15411.6	10404.0
45°	20988.9	21064.1	21139.4	21671.5	22201.8	24088.4	26290.3	25217.1	21295.3	15825.4	10353.8
47.5°	22934.6	22676.6	22418.6	22630.0	22841.4	24701.1	26924.5	26028.7	22174.9	16284.1	10391.4
50°	25054.1	24335.6	23617.2	23506.1	23395.0	25313.9	27671.7	27060.7	23232.0	16952.4	10672.7
52.5°	27207.6	26023.4	24839.1	24400.1	23959.4	26044.9	28662.4	28345.3	24740.6	17987.9	11233.5
55°	29182.0	27675.2	26168.5	25577.2	24986.0	27162.8	29871.8	30231.9	26673.7	19311.9	11948.3
57.5°	31100.8	29393.4	27686.0	27137.8	26589.5	28805.8	31403.6	31925.0	28626.6	20582.2	12536.0
60°	32931.9	31242.4	29551.1	29112.1	28671.4	30848.2	33059.1	32679.2	29633.5	21177.0	12718.7
62.5°	34340.1	32996.4	31652.6	31421.5	31188.6	32914.0	34331.1	32385.4	28993.9	20591.2	12188.4
65°	34933.1	34168.1	33401.3	33618.1	33833.1	34476.2	34648.2	31525.4	26983.7	18950.0	10916.4
67.5°	33229.3	33385.1	33541.0	34451.2	35359.5	34917.0	33705.8	29830.6	24122.4	16624.5	9126.5
70°	28101.6	29036.9	29970.3	32123.8	34275.6	33293.8	31181.4	26788.4	20678.9	13946.0	7211.3
72.5°	21504.9	22556.6	23606.5	26802.7	29997.2	29092.4	26505.3	22003.0	16579.7	11136.7	5692.0
75°	15571.0	16758.9	17944.9	21470.8	24996.8	23740.8	19826.1	15753.8	12593.3	8501.3	4407.4
77.5°	11092.0	11887.4	12682.9	16165.8	19647.0	17600.9	13197.1	10601.0	8716.3	5908.8	3099.5
80°	8897.2	8653.6	8409.9	10350.2	12290.6	11950.1	8728.8	6808.2	6032.4	3959.5	1886.6
82.5°	7257.9	6663.1	6068.2	6982.0	7895.7	7845.5	6057.5	4995.1	4489.8	2751.9	1014.1
85°	5315.8	5077.5	4839.2	5647.2	6455.2	5765.5	4102.8	3174.8	3500.8	2026.3	551.8
87.5°	2592.5	2961.6	3328.8	4282.0	5233.3	3929.0	1245.2	616.3	852.8	560.8	267.0
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: P320463

CATALOG NUMBER: GAN-SA9D-827-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: P320463

CATALOG NUMBER: GAN-SA9D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2
2.5°	13960.3	13813.4	13646.8	13480.2	13290.3	13098.6	12985.7	12871.0	12747.4	12623.8	12484.0
5°	12785.0	12476.9	12127.5	11778.1	11432.4	11086.6	10900.2	10713.9	10516.8	10318.0	10146.0
7.5°	11097.3	10647.6	10163.9	9678.4	9248.4	8816.6	8549.6	8280.9	8037.2	7791.8	7585.7
10°	9612.1	9038.8	8553.2	8065.9	7741.6	7417.3	7171.9	6926.4	6689.9	6451.6	6224.1
12.5°	8633.8	8060.5	7752.4	7444.2	7175.5	6906.7	6623.6	6338.8	6014.5	5688.4	5450.1
15°	8252.2	7730.9	7388.7	7044.7	6684.6	6322.6	5975.1	5627.5	5244.1	4860.7	4590.1
17.5°	8087.4	7404.8	6926.4	6446.3	5971.5	5496.7	5093.6	4690.5	4271.2	3852.0	3577.9
20°	7913.6	7005.3	6363.9	5720.7	5111.5	4502.4	4045.5	3588.6	3214.2	2839.7	2630.1
22.5°	7755.9	6580.6	5776.2	4970.0	4249.7	3529.5	3081.6	2631.9	2402.6	2173.2	2089.0
25°	7691.4	6209.8	5220.8	4231.8	3472.2	2710.7	2391.8	2072.9	1985.1	1895.5	1852.5
27.5°	7702.2	5878.3	4753.2	3626.2	2941.8	2257.4	2038.9	1820.3	1766.5	1711.0	1684.1
30°	7743.4	5518.2	4312.4	3106.7	2542.3	1978.0	1836.4	1693.1	1635.8	1578.4	1544.4
32.5°	7790.0	5195.7	3972.0	2746.6	2286.1	1823.9	1707.4	1589.2	1533.6	1478.1	1444.1
35°	7709.4	4932.3	3739.1	2545.9	2121.3	1694.9	1596.3	1496.0	1435.1	1374.2	1341.9
37.5°	7573.2	4667.2	3558.2	2447.4	2013.8	1578.4	1506.8	1433.3	1370.6	1306.1	1275.6
40°	7449.6	4443.2	3423.8	2402.6	1954.7	1505.0	1444.1	1383.1	1318.6	1252.3	1216.5
42.5°	7349.2	4292.7	3291.2	2289.7	1900.9	1510.3	1424.3	1336.6	1273.8	1211.1	1171.7
45°	7274.0	4194.2	3187.3	2180.4	1850.7	1521.1	1411.8	1302.5	1239.8	1175.3	1128.7
47.5°	7266.8	4142.2	3113.8	2085.5	1755.8	1424.3	1379.6	1334.8	1243.4	1150.2	1096.5
50°	7365.4	4058.0	3027.8	1995.9	1664.4	1333.0	1393.9	1453.0	1297.1	1139.5	1071.4
52.5°	7571.4	3909.3	2891.7	1874.0	1553.3	1230.8	1325.8	1419.0	1284.6	1148.4	1060.6
55°	7820.4	3690.7	2685.6	1678.8	1406.4	1132.3	1216.5	1298.9	1214.7	1128.7	1023.0
57.5°	7976.3	3414.8	2425.9	1436.9	1241.6	1046.3	1094.7	1141.3	1107.2	1073.2	965.7
60°	7883.2	3047.6	2133.8	1218.3	1096.5	974.6	965.7	954.9	1005.1	1055.3	931.6
62.5°	7428.1	2667.7	1875.8	1083.9	992.6	899.4	879.7	858.2	940.6	1021.2	890.4
65°	6659.5	2402.6	1712.8	1023.0	920.9	818.8	797.3	775.8	800.9	825.9	765.0
67.5°	5683.0	2239.5	1619.6	999.7	876.1	750.7	725.6	700.5	695.2	689.8	668.3
70°	4676.1	2139.2	1558.7	978.2	827.7	675.4	652.2	628.9	621.7	612.7	596.6
72.5°	3909.3	2126.7	1551.5	976.4	788.3	600.2	578.7	557.2	548.2	537.5	524.9
75°	3201.6	1995.9	1472.7	949.6	734.6	517.8	498.1	478.4	471.2	462.2	451.5
77.5°	2375.7	1651.9	1238.0	824.1	628.9	433.6	413.9	392.4	390.6	387.0	378.0
80°	1540.8	1195.0	885.1	575.1	458.7	340.4	324.3	306.4	308.2	310.0	302.8
82.5°	856.4	696.9	541.1	385.2	313.5	241.9	234.7	225.7	231.1	234.7	225.7
85°	451.5	351.2	290.2	229.3	181.0	132.6	132.6	130.8	138.0	145.1	138.0
87.5°	195.3	123.6	105.7	86.0	48.4	9.0	10.7	10.7	14.3	17.9	16.1
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: P320463
 CATALOG NUMBER: GAN-SA9D-827-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: P320463

CATALOG NUMBER: GAN-SA9D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2
2.5°	12342.5	12211.7	12079.1	11934.0	11960.9	11849.8	11738.7	11668.9	11599.0	11577.5	11556.0
5°	9974.0	9825.3	9674.8	9540.4	9656.9	9578.0	9499.2	9488.4	9475.9	9475.9	9474.1
7.5°	7379.7	7220.3	7059.0	6947.9	7062.6	7048.3	7033.9	7111.0	7188.0	7250.7	7311.6
10°	5996.6	5803.1	5607.8	5443.0	5414.3	5331.9	5247.7	5265.6	5281.7	5349.8	5417.9
12.5°	5211.8	4980.7	4749.6	4556.1	4468.3	4332.2	4194.2	4108.2	4022.2	4031.2	4038.3
15°	4317.8	4093.9	3868.1	3701.5	3646.0	3540.3	3434.5	3327.0	3217.8	3173.0	3126.4
17.5°	3302.0	3122.8	2941.8	2830.8	2830.8	2800.3	2769.9	2716.1	2660.6	2615.8	2569.2
20°	2420.5	2325.5	2228.8	2182.2	2196.5	2198.3	2198.3	2225.2	2252.1	2237.7	2223.4
22.5°	2003.0	1969.0	1935.0	1915.2	1922.4	1924.2	1926.0	1951.1	1974.4	1992.3	2008.4
25°	1807.8	1786.3	1764.8	1757.6	1773.7	1775.5	1775.5	1791.6	1807.8	1825.7	1843.6
27.5°	1655.5	1646.5	1637.5	1625.0	1641.1	1641.1	1639.3	1657.3	1673.4	1689.5	1703.8
30°	1510.3	1513.9	1515.7	1512.1	1522.9	1530.0	1535.4	1548.0	1558.7	1571.3	1583.8
32.5°	1408.2	1402.8	1397.5	1393.9	1417.2	1429.7	1442.3	1454.8	1465.5	1470.9	1476.3
35°	1309.7	1297.1	1284.6	1275.6	1297.1	1313.3	1329.4	1352.7	1374.2	1377.8	1381.3
37.5°	1243.4	1227.3	1211.1	1200.4	1209.3	1216.5	1223.7	1248.8	1273.8	1288.2	1300.7
40°	1180.7	1164.6	1148.4	1139.5	1144.8	1146.6	1148.4	1161.0	1171.7	1198.6	1223.7
42.5°	1130.5	1110.8	1091.1	1080.4	1083.9	1087.5	1089.3	1087.5	1085.7	1110.8	1135.9
45°	1080.4	1058.9	1037.4	1024.8	1026.6	1026.6	1026.6	1023.0	1017.6	1030.2	1042.7
47.5°	1040.9	1015.9	990.8	978.2	974.6	971.1	967.5	965.7	962.1	971.1	978.2
50°	1001.5	974.6	946.0	931.6	922.7	919.1	915.5	913.7	910.1	919.1	926.3
52.5°	971.1	938.8	906.6	883.3	874.3	868.9	863.6	865.4	865.4	868.9	870.7
55°	917.3	888.6	858.2	842.1	825.9	822.4	818.8	824.1	827.7	827.7	827.7
57.5°	858.2	831.3	802.6	791.9	777.6	777.6	775.8	782.9	788.3	791.9	795.5
60°	806.2	775.8	745.3	736.4	731.0	729.2	727.4	736.4	743.5	750.7	757.9
62.5°	757.9	725.6	693.4	682.6	680.8	682.6	682.6	691.6	698.7	705.9	713.1
65°	704.1	671.9	637.8	627.1	630.7	636.0	641.4	648.6	653.9	661.1	668.3
67.5°	645.0	618.1	589.4	578.7	580.5	587.7	594.8	600.2	603.8	610.9	618.1
70°	580.5	557.2	533.9	526.7	524.9	533.9	541.1	544.7	548.2	557.2	564.4
72.5°	510.6	490.9	471.2	465.8	467.6	473.0	478.4	483.7	487.3	496.3	503.4
75°	438.9	421.0	403.1	399.5	403.1	408.5	413.9	417.4	421.0	431.8	440.7
77.5°	369.1	349.4	327.9	326.1	331.5	336.8	340.4	345.8	351.2	365.5	379.8
80°	295.6	274.1	250.8	249.0	254.4	259.8	265.2	270.5	275.9	293.8	310.0
82.5°	216.8	191.7	166.6	163.0	181.0	186.3	191.7	200.7	207.8	224.0	240.1
85°	130.8	105.7	80.6	78.8	95.0	103.9	112.9	123.6	132.6	146.9	161.2
87.5°	14.3	7.2	0.0	0.0	1.8	9.0	16.1	25.1	34.0	48.4	60.9
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: P320463

CATALOG NUMBER: GAN-SA9D-827-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: P320463

CATALOG NUMBER: GAN-SA9D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2
2.5°	11477.2	11396.5	11478.9	11559.6	11593.6	11627.6	11539.9	11450.3	11590.0	11728.0	11763.8
5°	9402.5	9329.0	9384.5	9438.3	9318.2	9198.2	9185.7	9171.3	9275.2	9379.2	9395.3
7.5°	7288.3	7265.0	7317.0	7369.0	7216.7	7062.6	6987.3	6912.1	6937.2	6962.3	6958.7
10°	5434.0	5448.3	5512.8	5575.5	5457.3	5339.0	5287.1	5235.1	5292.5	5348.0	5400.0
12.5°	4070.6	4101.0	4169.1	4235.4	4187.0	4136.9	4142.2	4147.6	4213.9	4278.4	4335.7
15°	3162.2	3198.1	3246.4	3293.0	3294.8	3294.8	3341.4	3386.2	3380.8	3375.4	3414.8
17.5°	2617.6	2664.1	2669.5	2674.9	2676.7	2678.5	2674.9	2671.3	2644.4	2617.6	2648.0
20°	2241.3	2257.4	2271.8	2284.3	2268.2	2250.3	2205.5	2160.7	2142.8	2124.9	2153.5
22.5°	2038.9	2067.5	2053.2	2037.1	2004.8	1970.8	1936.7	1900.9	1899.1	1895.5	1911.7
25°	1868.7	1892.0	1866.9	1841.8	1818.5	1795.2	1771.9	1748.6	1746.8	1745.0	1752.2
27.5°	1727.1	1748.6	1725.3	1702.0	1682.3	1662.6	1644.7	1626.8	1623.2	1619.6	1621.4
30°	1605.3	1625.0	1605.3	1583.8	1569.5	1553.3	1540.8	1528.3	1526.5	1524.7	1524.7
32.5°	1496.0	1515.7	1501.4	1487.0	1474.5	1462.0	1453.0	1444.1	1435.1	1426.1	1406.4
35°	1401.1	1420.8	1411.8	1401.1	1386.7	1372.4	1356.3	1338.3	1315.1	1290.0	1279.2
37.5°	1320.4	1340.1	1331.2	1322.2	1302.5	1282.8	1254.1	1223.7	1216.5	1207.6	1205.8
40°	1255.9	1286.4	1268.5	1248.8	1218.3	1187.8	1173.5	1159.2	1155.6	1152.0	1148.4
42.5°	1184.3	1230.8	1198.6	1166.3	1137.7	1109.0	1105.4	1101.8	1100.1	1098.3	1098.3
45°	1094.7	1144.8	1112.6	1078.6	1062.4	1046.3	1046.3	1046.3	1048.1	1048.1	1051.7
47.5°	1010.5	1040.9	1024.8	1008.7	999.7	990.8	992.6	994.4	999.7	1003.3	1012.3
50°	938.8	949.6	953.1	954.9	949.6	944.2	947.8	949.6	954.9	958.5	965.7
52.5°	886.9	903.0	903.0	901.2	901.2	901.2	904.8	908.4	913.7	919.1	926.3
55°	852.8	876.1	868.9	861.8	863.6	863.6	867.1	870.7	876.1	879.7	890.4
57.5°	820.6	845.6	838.5	831.3	831.3	831.3	833.1	834.9	840.3	843.9	851.0
60°	782.9	808.0	800.9	791.9	793.7	795.5	797.3	797.3	800.9	802.6	802.6
62.5°	738.1	763.2	756.1	747.1	752.5	756.1	756.1	756.1	759.6	761.4	756.1
65°	691.6	714.9	707.7	700.5	707.7	713.1	716.7	718.4	716.7	714.9	709.5
67.5°	641.4	664.7	657.5	648.6	657.5	664.7	671.9	677.2	671.9	666.5	659.3
70°	587.7	610.9	602.0	593.0	602.0	610.9	618.1	625.3	618.1	610.9	609.2
72.5°	530.3	557.2	546.4	535.7	546.4	557.2	560.8	564.4	559.0	553.6	550.0
75°	467.6	494.5	485.5	474.8	483.7	492.7	494.5	496.3	496.3	494.5	483.7
77.5°	401.3	422.8	417.4	412.1	417.4	422.8	422.8	422.8	424.6	424.6	410.3
80°	322.5	335.0	336.8	338.6	340.4	342.2	340.4	338.6	335.0	331.5	322.5
82.5°	240.1	240.1	254.4	267.0	267.0	265.2	263.4	259.8	252.6	243.7	224.0
85°	152.3	143.3	166.6	188.1	188.1	186.3	182.7	177.4	163.0	146.9	130.8
87.5°	52.0	43.0	66.3	89.6	91.4	91.4	87.8	84.2	69.9	53.7	41.2
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: P320463
 CATALOG NUMBER: GAN-SA9D-827-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: P320463

CATALOG NUMBER: GAN-SA9D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2
2.5°	11817.6	11840.9	11862.4	12037.9	12211.7	12416.0	12620.2	12776.1	12930.2	13089.6	13249.1
5°	9450.8	9479.5	9508.2	9721.4	9932.8	10217.6	10502.5	10748.0	10993.4	11281.9	11570.3
7.5°	7005.3	7068.0	7128.9	7356.4	7582.2	7888.5	8193.1	8513.8	8832.7	9209.0	9585.2
10°	5502.1	5620.3	5736.8	5969.7	6202.6	6505.4	6806.4	7141.4	7476.5	7847.3	8216.4
12.5°	4454.0	4611.6	4767.5	5047.0	5326.5	5688.4	6048.5	6421.2	6792.1	7118.1	7444.2
15°	3518.8	3690.7	3861.0	4156.6	4452.2	4849.9	5245.9	5652.6	6057.5	6448.1	6838.6
17.5°	2744.8	2886.3	3026.1	3276.9	3525.9	3911.1	4296.3	4722.7	5149.1	5625.7	6100.5
20°	2214.4	2273.6	2332.7	2513.7	2692.8	3006.3	3318.1	3753.5	4188.8	4758.6	5328.3
22.5°	1940.3	1970.8	1999.5	2087.2	2173.2	2375.7	2576.4	2961.6	3345.0	3966.7	4586.6
25°	1775.5	1798.8	1822.1	1879.4	1936.7	2033.5	2130.2	2400.8	2671.3	3282.3	3891.4
27.5°	1626.8	1662.6	1696.7	1723.5	1748.6	1814.9	1879.4	2056.8	2234.2	2803.9	3371.8
30°	1519.3	1531.8	1544.4	1585.6	1625.0	1693.1	1761.2	1884.8	2008.4	2490.4	2970.5
32.5°	1393.9	1411.8	1429.7	1472.7	1515.7	1578.4	1641.1	1741.5	1840.0	2252.1	2662.4
35°	1281.0	1298.9	1316.8	1359.8	1401.1	1469.1	1535.4	1619.6	1702.0	2060.4	2418.7
37.5°	1211.1	1229.1	1247.0	1284.6	1320.4	1388.5	1454.8	1521.1	1585.6	1917.0	2248.5
40°	1152.0	1169.9	1187.8	1223.7	1257.7	1324.0	1388.5	1444.1	1499.6	1809.5	2119.5
42.5°	1100.1	1119.8	1139.5	1175.3	1209.3	1268.5	1327.6	1401.1	1472.7	1716.4	1958.2
45°	1057.1	1076.8	1094.7	1134.1	1173.5	1230.8	1288.2	1390.3	1492.4	1668.0	1843.6
47.5°	1017.6	1039.1	1058.9	1101.8	1144.8	1216.5	1286.4	1372.4	1456.6	1630.4	1804.2
50°	980.0	1005.1	1030.2	1082.1	1132.3	1252.3	1370.6	1383.1	1393.9	1599.9	1804.2
52.5°	944.2	972.9	1001.5	1066.0	1128.7	1268.5	1408.2	1363.4	1316.8	1542.6	1768.3
55°	908.4	933.4	956.7	1035.6	1114.4	1216.5	1318.6	1259.5	1198.6	1435.1	1671.6
57.5°	860.0	886.9	911.9	996.1	1080.4	1152.0	1221.9	1168.1	1112.6	1313.3	1512.1
60°	809.8	840.3	870.7	978.2	1083.9	1071.4	1057.1	1046.3	1033.8	1177.1	1320.4
62.5°	765.0	797.3	829.5	969.3	1109.0	1023.0	937.0	946.0	953.1	1058.9	1164.6
65°	720.2	752.5	782.9	852.8	922.7	888.6	854.6	868.9	881.5	985.4	1089.3
67.5°	670.1	698.7	725.6	748.9	772.2	775.8	779.4	793.7	808.0	931.6	1053.5
70°	614.5	637.8	661.1	677.2	691.6	698.7	704.1	722.0	739.9	874.3	1008.7
72.5°	551.8	571.5	589.4	603.8	618.1	623.5	627.1	645.0	662.9	806.2	949.6
75°	483.7	499.9	514.2	526.7	539.3	546.4	553.6	566.2	578.7	734.6	888.6
77.5°	408.5	424.6	438.9	449.7	458.7	465.8	471.2	487.3	503.4	634.2	763.2
80°	318.9	338.6	356.5	365.5	372.7	374.4	374.4	388.8	403.1	496.3	587.7
82.5°	225.7	247.2	267.0	274.1	281.3	281.3	281.3	297.4	313.5	376.2	437.2
85°	132.6	155.9	177.4	184.5	191.7	195.3	197.1	204.2	209.6	254.4	297.4
87.5°	41.2	60.9	78.8	82.4	86.0	93.2	100.3	102.1	102.1	132.6	163.0
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):

	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

REPORT NUMBER: P320463

CATALOG NUMBER: GAN-SA9D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2	13652.2
2.5°	13431.8	13614.6	13827.8	14039.2	14220.1	14401.1	14551.6
5°	11937.6	12304.9	12754.6	13202.5	13602.0	14001.6	14465.6
7.5°	10060.0	10534.8	11117.0	11699.3	12263.7	12826.2	13539.3
10°	8700.1	9182.1	9798.4	10412.9	11047.2	11679.6	12485.8
12.5°	7836.6	8227.1	8823.8	9420.4	10165.7	10909.2	11685.0
15°	7266.8	7693.2	8273.7	8854.2	9669.4	10484.6	11376.8
17.5°	6659.5	7216.7	7960.2	8703.7	9669.4	10633.3	11685.0
20°	6023.4	6716.8	7680.7	8644.6	9945.3	11244.2	12586.2
22.5°	5389.2	6191.9	7428.1	8662.5	10362.8	12061.2	13872.6
25°	4817.7	5744.0	7274.0	8802.3	10970.1	13136.2	15382.9
27.5°	4384.1	5394.6	7211.3	9026.2	11740.5	14454.8	17025.8
30°	3998.9	5027.3	7136.0	9244.8	12482.3	15717.9	18310.4
32.5°	3665.7	4669.0	6990.9	9311.1	13000.0	16689.0	19397.9
35°	3404.1	4389.5	6747.3	9105.0	13324.3	17543.6	20530.2
37.5°	3178.3	4108.2	6469.6	8830.9	13612.8	18394.6	21804.1
40°	2963.3	3807.2	6231.3	8653.6	14010.5	19367.5	23149.6
42.5°	2759.1	3560.0	6039.6	8519.2	14379.6	20238.2	24326.7
45°	2606.8	3370.0	5869.4	8366.9	14617.9	20868.9	25213.5
47.5°	2531.6	3257.2	5778.0	8297.0	14856.2	21413.5	25949.9
50°	2520.8	3237.5	5881.9	8526.3	15372.1	22216.2	26792.0
52.5°	2519.0	3269.7	6181.1	9092.5	16330.7	23567.0	27703.9
55°	2481.4	3289.4	6537.6	9784.1	17617.1	25448.2	29343.2
57.5°	2366.7	3221.3	6904.9	10586.7	18976.9	27365.3	31190.4
60°	2189.4	3056.5	7207.7	11357.1	19890.6	28422.3	31901.7
62.5°	1967.2	2768.1	7308.0	11846.2	19865.5	27884.9	31185.0
65°	1777.3	2465.3	6978.4	11489.7	18860.4	26229.4	29767.9
67.5°	1608.9	2162.5	6154.2	10144.2	17052.7	23959.4	27965.5
70°	1487.0	1963.6	5091.8	8220.0	14789.9	21358.0	25878.2
72.5°	1410.0	1868.7	4151.2	6431.9	12002.1	17570.5	22135.5
75°	1304.3	1720.0	3257.2	4792.6	9185.7	13578.7	16719.4
77.5°	1107.2	1449.4	2454.5	3459.6	6740.1	10018.8	11627.6
80°	854.6	1119.8	1687.7	2255.7	4638.5	7021.4	7927.9
82.5°	609.2	781.1	1023.0	1264.9	3081.6	4896.5	4971.8
85°	376.2	455.1	585.9	716.7	2038.9	3361.1	2800.3
87.5°	202.5	241.9	310.0	376.2	652.2	928.1	533.9
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: P320463

CATALOG NUMBER: GAN-SA9D-827-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)