

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: P320461

Luminaire Tested: **GAN-SA7D-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320461
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-SA7D-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 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: 35456 lumens
Efficiency: N/A
Efficacy: 79.1 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 448
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



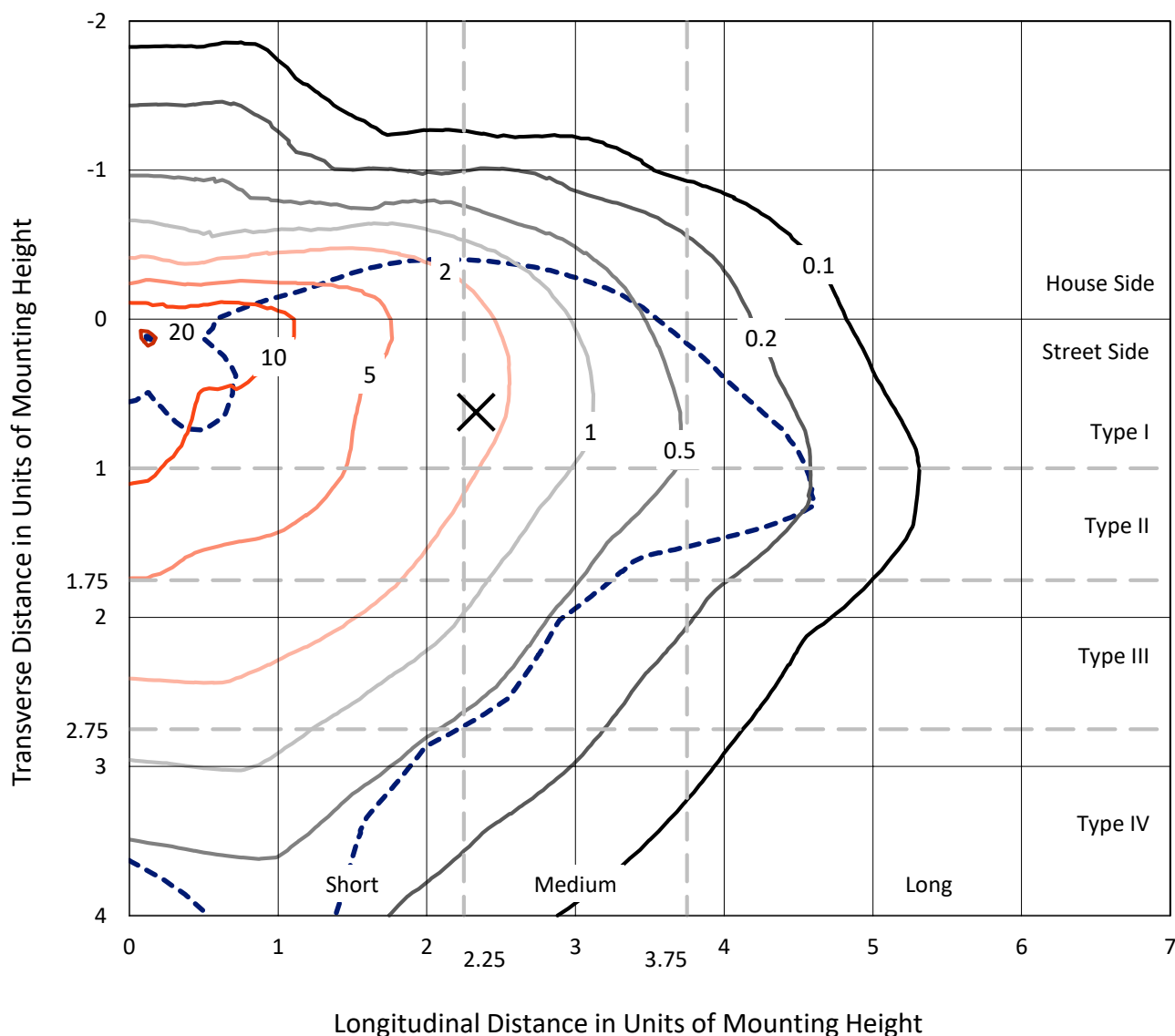
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

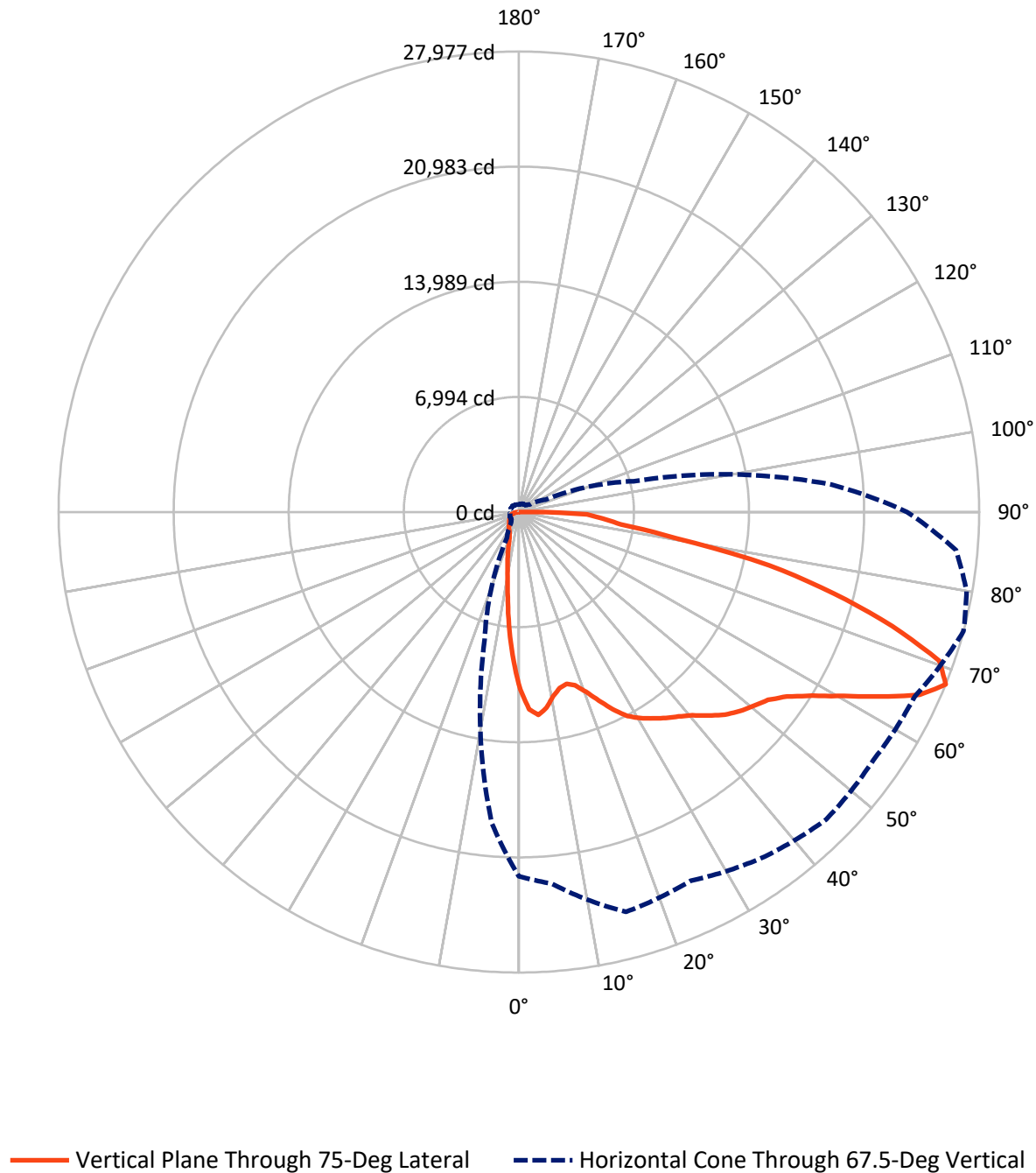
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.7 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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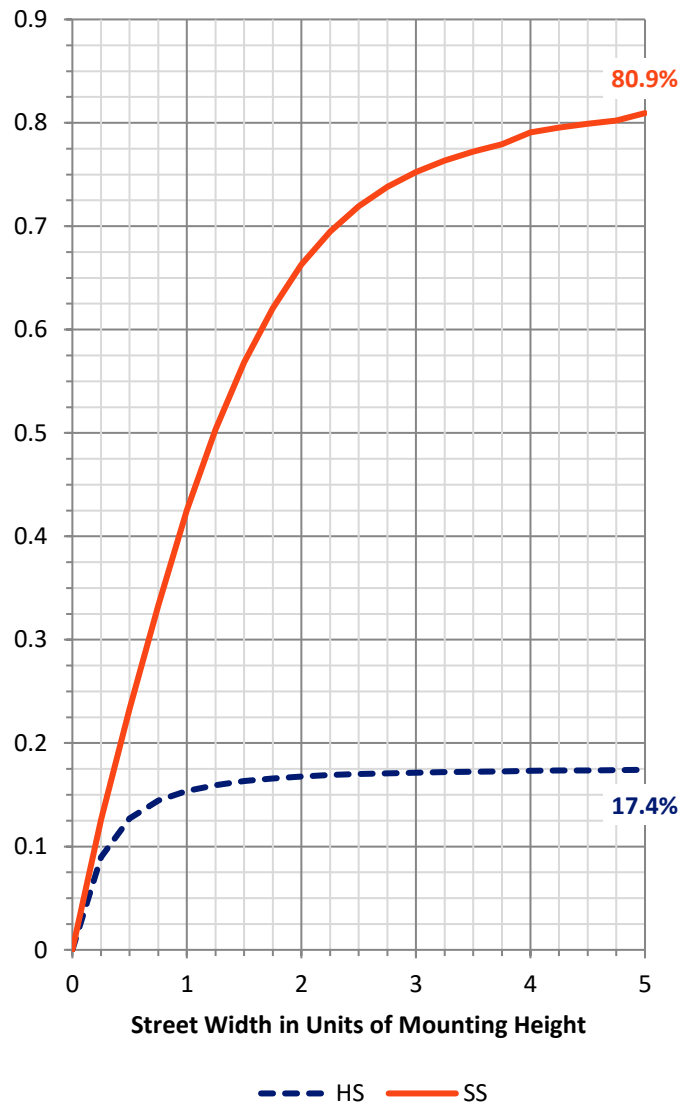
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6244.7	0.0	6244.7
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	29211.3	0.0	29211.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	35456.0	0.0	35456.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	833.7	2.4
10°-20°	1731.8	4.9
20°-30°	2463.1	6.9
30°-40°	3549.3	10.0
40°-50°	5001.9	14.1
50°-60°	6953.5	19.6
60°-70°	8408.9	23.7
70°-80°	5168.8	14.6
80°-90°	1345.0	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°	35456.0	100.0
0°-180°	35456.0	100.0

Coefficient of Utilization



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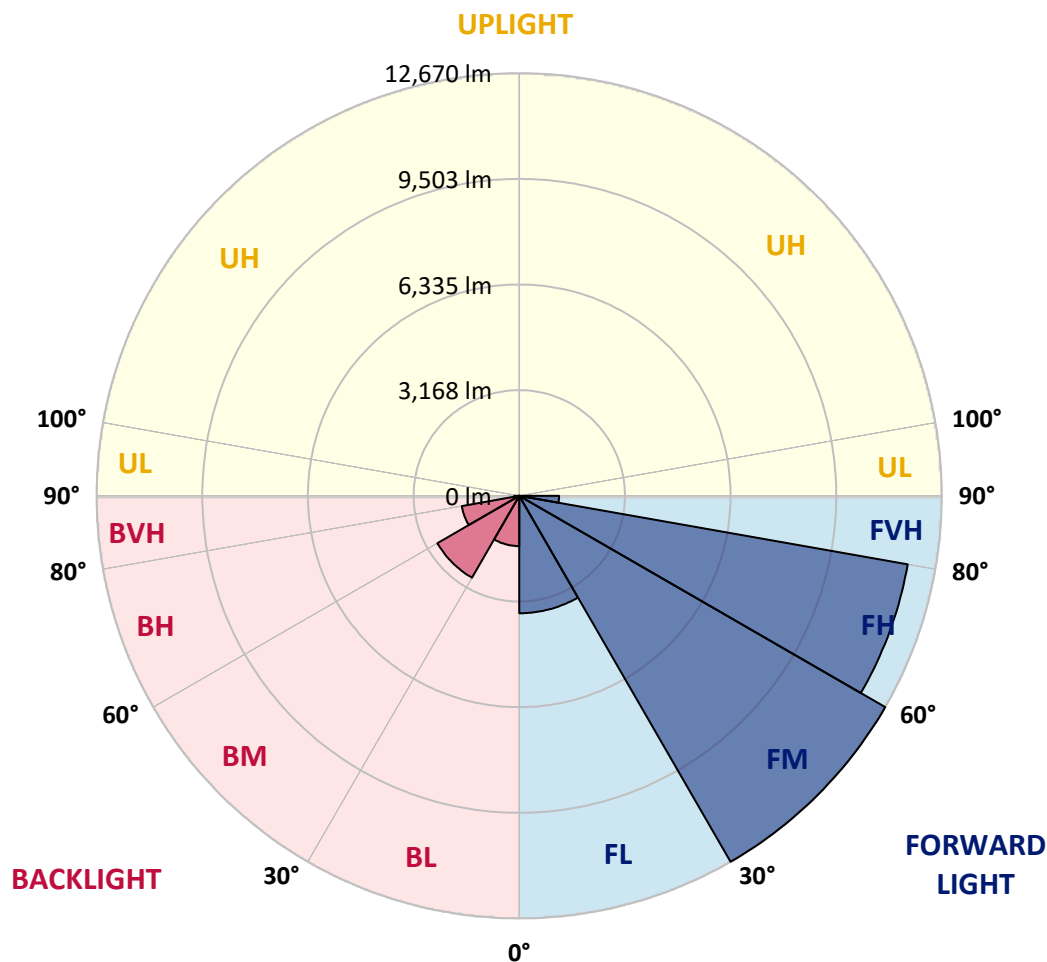
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3520.4	9.9			
FM	(30°-60°)	12670.1	35.7			
FH	(60°-80°)	11826.9	33.4			G4/12000
FVH	(80°-90°)	1193.9	3.4			G5
BL	(0°-30°)	1508.2	4.3	B3/2500		
BM	(30°-60°)	2834.6	8.0	B3/5000		
BH	(60°-80°)	1750.8	4.9	B3/2500		G3/2500
BVH	(80°-90°)	151.1	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°	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8
2.5°	11513.5	11665.1	11770.0	11873.5	11954.3	12033.7	12149.9	12266.2	12288.9	12310.1	12264.8
5°	11445.4	11815.4	12130.1	12443.4	12734.0	13024.6	13198.9	13373.3	13408.7	13444.2	13335.0
7.5°	10712.5	11258.3	11804.1	12349.8	12850.2	13350.6	13655.4	13958.8	14028.2	14096.3	13917.6
10°	9879.0	10514.1	11184.6	11855.1	12514.3	13173.4	13614.3	14055.1	14143.0	14230.9	14008.4
12.5°	9245.4	9938.5	10654.4	11370.3	12066.3	12760.9	13217.4	13673.8	13783.0	13892.1	13730.5
15°	9001.5	9761.3	10434.7	11108.0	11714.7	12320.0	12694.3	13067.1	13112.5	13156.4	13130.9
17.5°	9245.4	10083.1	10692.7	11300.8	11631.1	11960.0	12110.2	12259.1	12308.7	12356.9	12422.1
20°	9958.4	10862.8	11292.3	11720.4	11706.2	11690.6	11618.4	11544.6	11531.9	11519.1	11703.4
22.5°	10976.2	12026.6	12198.1	12368.2	11969.9	11571.6	11329.2	11085.3	11037.2	10987.5	11183.2
25°	12171.2	13289.7	13258.5	13225.9	12467.5	11707.7	11245.5	10783.4	10729.5	10675.7	10842.9
27.5°	13471.1	14540.0	14335.8	14131.7	13101.1	12070.6	11400.0	10729.5	10675.7	10621.8	10769.2
30°	14487.5	15457.1	15129.7	14802.2	13635.5	12468.9	11672.2	10875.5	10787.7	10698.4	10879.8
32.5°	15348.0	16173.0	15733.5	15294.1	14069.3	12844.5	11982.7	11120.8	10983.3	10845.8	11088.2
35°	16243.9	16887.4	16269.4	15649.9	14456.3	13261.3	12349.8	11436.9	11268.2	11099.5	11432.7
37.5°	17251.8	17786.2	16898.8	16010.0	14891.5	13773.1	12899.8	12025.2	11852.3	11679.3	12104.6
40°	18316.3	18761.5	17577.8	16394.1	15367.8	14341.5	13661.1	12979.2	12814.8	12648.9	13164.9
42.5°	19247.7	19572.3	18210.0	16847.7	15941.9	15034.7	14555.5	14075.0	14073.6	14070.7	14593.8
45°	19949.4	20231.5	18737.4	17241.8	16501.9	15760.5	15511.0	15261.5	15461.4	15661.2	16134.7
47.5°	20532.0	20723.4	19179.6	17634.5	17142.6	16650.7	16687.6	16724.4	17131.3	17538.1	17842.9
50°	21198.2	21043.7	19580.8	18116.5	17964.8	17813.1	18144.8	18475.1	18942.9	19409.3	19616.2
52.5°	21919.8	21510.1	20125.2	18738.8	18908.9	19079.0	19753.8	20428.5	20900.6	21372.6	21450.6
55°	23216.9	22588.9	21126.0	19661.6	19989.1	20315.1	21306.0	22295.4	22664.0	23032.6	23060.9
57.5°	24678.4	24121.3	22527.9	20934.6	21286.1	21637.7	22781.7	23924.2	24322.6	24719.5	24664.2
60°	25241.1	25268.1	23859.0	22448.5	22802.9	23157.3	24271.5	25385.7	25843.6	26300.1	26178.2
62.5°	24674.1	25339.0	24586.2	23832.1	24153.9	24474.2	25565.8	26657.3	27126.5	27595.7	27383.1
65°	23552.8	24212.0	24549.4	24886.8	24993.1	25099.4	26118.6	27136.4	27496.5	27855.1	27747.4
67.5°	22126.8	22659.8	23904.4	25147.6	24933.5	24719.5	25197.2	25674.9	26044.9	26414.9	26353.9
70°	20475.3	21110.4	22770.3	24430.3	23378.5	22325.2	22128.2	21931.1	22330.9	22729.2	22482.6
72.5°	17514.0	18472.3	20242.8	22011.9	20074.1	18136.3	17463.0	16789.6	17295.7	17801.8	17409.1
75°	13228.7	14500.3	16456.5	18411.3	16099.3	13787.2	12888.5	11989.8	12424.9	12860.1	12590.8
77.5°	9200.0	10794.7	12721.2	14647.7	12297.4	9945.6	9278.0	8608.9	8739.3	8868.3	8822.9
80°	6272.7	7321.7	8665.6	10008.0	8443.0	6878.0	6930.5	6981.5	6920.5	6858.2	6948.9
82.5°	3933.7	4672.3	5709.9	6746.2	5915.5	5084.8	5561.1	6037.4	5803.5	5568.2	5656.1
85°	2215.7	2666.4	3681.4	4695.0	4376.0	4055.7	4334.9	4612.8	4249.9	3887.0	4047.1
87.5°	422.4	703.1	2037.0	3369.5	3059.1	2748.7	2388.6	2028.5	1548.0	1067.4	1559.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8
2.5°	12219.4	12195.3	12171.2	12084.7	11996.8	11866.4	11758.7	11571.6	11469.5	11315.0	11160.5
5°	13224.5	13071.4	12918.3	12654.6	12389.5	12094.7	11755.9	11380.2	11096.7	10728.1	10359.6
7.5°	13739.0	13381.8	13023.2	12517.1	12009.6	11553.1	11017.3	10518.3	10093.1	9613.9	9134.8
10°	13785.8	13250.0	12712.7	12055.0	11395.8	10841.5	10224.9	9670.6	9160.3	8610.3	8058.9
12.5°	13567.5	12997.6	12426.4	11702.0	10976.2	10346.8	9683.4	9062.5	8496.9	7891.6	7284.9
15°	13105.4	12650.3	12193.9	11514.9	10835.9	10200.8	9557.2	8821.5	8182.2	7562.7	6941.8
17.5°	12485.9	12270.4	12053.5	11563.1	11071.2	10521.2	9897.4	9034.1	8285.7	7612.3	6939.0
20°	11886.3	11965.7	12043.6	11848.0	11652.4	11211.5	10667.2	9697.6	8742.1	7861.8	6980.1
22.5°	11377.4	11758.7	12138.6	12290.3	12440.5	12175.5	11750.2	10628.9	9364.4	8214.8	7065.1
25°	11008.8	11641.0	12273.3	12777.9	13281.2	13163.5	12836.0	11760.1	10189.4	8723.7	7256.5
27.5°	10916.7	11692.1	12467.5	13250.0	14031.0	14140.2	14049.5	12952.3	11173.2	9355.9	7537.2
30°	11061.3	11846.6	12630.5	13583.1	14534.3	14969.5	15091.4	13946.0	12297.4	10093.1	7887.3
32.5°	11330.6	12100.3	12870.1	13907.7	14944.0	15601.7	15990.1	14854.7	13081.3	10648.7	8214.8
35°	11765.8	12485.9	13206.0	14286.2	15366.4	16216.9	16925.7	15793.1	13777.3	11037.2	8295.6
37.5°	12528.4	13147.9	13767.4	14765.3	15761.9	16864.8	17929.3	16826.5	14530.0	11411.4	8291.3
40°	13680.9	14118.9	14555.5	15399.0	16241.0	17628.8	19066.2	17979.0	15362.1	11816.8	8271.5
42.5°	15116.9	15342.3	15566.3	16233.9	16901.6	18426.9	20098.2	19105.9	16156.0	12193.9	8231.8
45°	16606.8	16666.3	16725.8	17146.9	17566.5	19059.1	20801.3	19952.2	16849.2	12521.3	8192.1
47.5°	18146.2	17942.1	17738.0	17905.2	18072.5	19544.0	21303.1	20594.4	17545.2	12884.2	8221.9
50°	19823.2	19254.8	18686.3	18598.4	18510.5	20028.8	21894.3	21410.9	18381.6	13413.0	8444.4
52.5°	21527.1	20590.1	19653.1	19305.8	18957.1	20607.1	22678.2	22427.3	19575.1	14232.3	8888.1
55°	23089.3	21897.1	20704.9	20237.1	19769.3	21491.7	23635.0	23920.0	21104.7	15279.9	9453.7
57.5°	24607.5	23256.6	21905.6	21471.8	21038.1	22791.6	24847.1	25259.6	22649.8	16285.0	9918.7
60°	26056.2	24719.5	23381.3	23034.0	22685.3	24407.6	26156.9	25856.4	23446.5	16755.6	10063.3
62.5°	27170.4	26107.3	25044.1	24861.2	24677.0	26042.1	27163.4	25623.9	22940.4	16292.1	9643.7
65°	27639.7	27034.4	26427.6	26599.2	26769.3	27278.2	27414.3	24943.5	21349.9	14993.6	8637.2
67.5°	26291.6	26414.9	26538.2	27258.3	27977.0	27626.9	26668.6	23602.4	19086.1	13153.6	7221.1
70°	22234.5	22974.5	23713.0	25416.9	27119.4	26342.6	24671.3	21195.4	16361.5	11034.3	5705.7
72.5°	17015.0	17847.1	18677.8	21206.8	23734.3	23018.4	20971.4	17409.1	13118.1	8811.6	4503.6
75°	12320.0	13259.9	14198.3	16988.1	19777.9	18784.1	15686.8	12464.6	9964.1	6726.3	3487.2
77.5°	8776.1	9405.5	10034.9	12790.7	15545.0	13926.1	10441.8	8387.7	6896.4	4675.1	2452.4
80°	7039.6	6846.8	6654.0	8189.3	9724.5	9455.2	6906.4	5386.7	4772.9	3132.8	1492.7
82.5°	5742.6	5271.9	4801.3	5524.2	6247.2	6207.5	4792.8	3952.2	3552.4	2177.4	802.3
85°	4205.9	4017.4	3828.8	4468.2	5107.5	4561.7	3246.2	2511.9	2769.9	1603.3	436.6
87.5°	2051.2	2343.2	2633.8	3388.0	4140.7	3108.7	985.2	487.6	674.8	443.7	211.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GAN-SA7D-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



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CATALOG NUMBER: GAN-SA7D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8
2.5°	11045.7	10929.4	10797.6	10665.8	10515.5	10363.8	10274.5	10183.8	10086.0	9988.2	9877.6
5°	10115.7	9871.9	9595.5	9319.1	9045.5	8771.9	8624.5	8477.0	8321.1	8163.8	8027.7
7.5°	8780.4	8424.6	8041.8	7657.7	7317.5	6975.8	6764.6	6552.0	6359.2	6165.0	6002.0
10°	7605.2	7151.6	6767.4	6381.9	6125.3	5868.7	5674.5	5480.3	5293.2	5104.6	4924.6
12.5°	6831.2	6377.6	6133.8	5890.0	5677.3	5464.7	5240.7	5015.3	4758.8	4500.8	4312.2
15°	6529.3	6116.8	5846.0	5573.9	5288.9	5002.6	4727.6	4452.6	4149.2	3845.9	3631.8
17.5°	6398.9	5858.8	5480.3	5100.4	4724.7	4349.1	4030.1	3711.2	3379.5	3047.8	2830.9
20°	6261.4	5542.7	5035.2	4526.3	4044.3	3562.3	3200.9	2839.4	2543.1	2246.8	2081.0
22.5°	6136.6	5206.7	4570.2	3932.3	3362.5	2792.6	2438.2	2082.4	1901.0	1719.5	1652.9
25°	6085.6	4913.3	4130.8	3348.3	2747.2	2144.8	1892.4	1640.1	1570.7	1499.8	1465.8
27.5°	6094.1	4651.0	3760.8	2869.1	2327.6	1786.1	1613.2	1440.2	1397.7	1353.8	1332.5
30°	6126.7	4366.1	3412.1	2458.1	2011.5	1565.0	1453.0	1339.6	1294.2	1248.9	1221.9
32.5°	6163.6	4110.9	3142.7	2173.1	1808.8	1443.1	1350.9	1257.4	1213.4	1169.5	1142.6
35°	6099.8	3902.6	2958.5	2014.4	1678.4	1341.0	1263.0	1183.7	1135.5	1087.3	1061.8
37.5°	5992.0	3692.8	2815.3	1936.4	1593.3	1248.9	1192.2	1134.1	1084.4	1033.4	1009.3
40°	5894.2	3515.6	2709.0	1901.0	1546.6	1190.8	1142.6	1094.4	1043.3	990.9	962.5
42.5°	5814.8	3396.5	2604.1	1811.6	1504.0	1195.0	1127.0	1057.5	1007.9	958.3	927.1
45°	5755.3	3318.5	2521.8	1725.2	1464.3	1203.5	1117.0	1030.6	981.0	929.9	893.1
47.5°	5749.6	3277.4	2463.7	1650.0	1389.2	1127.0	1091.5	1056.1	983.8	910.1	867.5
50°	5827.6	3210.8	2395.7	1579.2	1316.9	1054.7	1102.9	1149.6	1026.3	901.6	847.7
52.5°	5990.6	3093.1	2287.9	1482.8	1229.0	973.9	1049.0	1122.7	1016.4	908.7	839.2
55°	6187.7	2920.2	2124.9	1328.3	1112.8	895.9	962.5	1027.7	961.1	893.1	809.4
57.5°	6311.0	2701.9	1919.4	1136.9	982.4	827.9	866.1	903.0	876.1	849.1	764.1
60°	6237.3	2411.3	1688.3	963.9	867.5	771.2	764.1	755.6	795.3	834.9	737.1
62.5°	5877.2	2110.8	1484.2	857.6	785.3	711.6	696.0	679.0	744.2	808.0	704.5
65°	5269.1	1901.0	1355.2	809.4	728.6	647.8	630.8	613.8	633.7	653.5	605.3
67.5°	4496.5	1772.0	1281.5	791.0	693.2	594.0	574.1	554.3	550.0	545.8	528.8
70°	3699.8	1692.6	1233.3	774.0	654.9	534.4	516.0	497.6	491.9	484.8	472.0
72.5°	3093.1	1682.6	1227.6	772.6	623.7	474.9	457.9	440.9	433.8	425.3	415.3
75°	2533.2	1579.2	1165.2	751.3	581.2	409.7	394.1	378.5	372.8	365.7	357.2
77.5°	1879.7	1307.0	979.5	652.1	497.6	343.1	327.5	310.4	309.0	306.2	299.1
80°	1219.1	945.5	700.3	455.0	362.9	269.3	256.6	242.4	243.8	245.2	239.6
82.5°	677.6	551.4	428.1	304.8	248.1	191.4	185.7	178.6	182.9	185.7	178.6
85°	357.2	277.8	229.6	181.4	143.2	104.9	104.9	103.5	109.2	114.8	109.2
87.5°	154.5	97.8	83.6	68.0	38.3	7.1	8.5	8.5	11.3	14.2	12.8
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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 CATALOG NUMBER: GAN-SA7D-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: P320461

CATALOG NUMBER: GAN-SA7D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8
2.5°	9765.6	9662.1	9557.2	9442.4	9463.7	9375.8	9287.9	9232.6	9177.3	9160.3	9143.3
5°	7891.6	7773.9	7654.8	7548.5	7640.7	7578.3	7515.9	7507.4	7497.5	7497.5	7496.1
7.5°	5838.9	5712.8	5585.2	5497.3	5588.0	5576.7	5565.4	5626.3	5687.3	5736.9	5785.1
10°	4744.6	4591.5	4437.0	4306.6	4283.9	4218.7	4152.0	4166.2	4179.0	4232.8	4286.7
12.5°	4123.7	3940.8	3758.0	3604.9	3535.4	3427.7	3318.5	3250.5	3182.4	3189.5	3195.2
15°	3416.3	3239.1	3060.5	2928.7	2884.7	2801.1	2717.5	2632.4	2545.9	2510.5	2473.6
17.5°	2612.6	2470.8	2327.6	2239.8	2239.8	2215.7	2191.6	2149.0	2105.1	2069.6	2032.8
20°	1915.1	1840.0	1763.4	1726.6	1737.9	1739.4	1739.4	1760.6	1781.9	1770.5	1759.2
22.5°	1584.8	1557.9	1531.0	1515.4	1521.0	1522.5	1523.9	1543.7	1562.2	1576.3	1589.1
25°	1430.3	1413.3	1396.3	1390.6	1403.4	1404.8	1404.8	1417.6	1430.3	1444.5	1458.7
27.5°	1309.8	1302.7	1295.7	1285.7	1298.5	1298.5	1297.1	1311.2	1324.0	1336.8	1348.1
30°	1195.0	1197.8	1199.3	1196.4	1204.9	1210.6	1214.9	1224.8	1233.3	1243.2	1253.1
32.5°	1114.2	1110.0	1105.7	1102.9	1121.3	1131.2	1141.1	1151.1	1159.6	1163.8	1168.1
35°	1036.2	1026.3	1016.4	1009.3	1026.3	1039.1	1051.8	1070.3	1087.3	1090.1	1092.9
37.5°	983.8	971.0	958.3	949.8	956.9	962.5	968.2	988.0	1007.9	1019.2	1029.2
40°	934.2	921.4	908.7	901.6	905.8	907.2	908.7	918.6	927.1	948.4	968.2
42.5°	894.5	878.9	863.3	854.8	857.6	860.5	861.9	860.5	859.0	878.9	898.7
45°	854.8	837.8	820.8	810.8	812.3	812.3	812.3	809.4	805.2	815.1	825.0
47.5°	823.6	803.8	783.9	774.0	771.2	768.3	765.5	764.1	761.2	768.3	774.0
50°	792.4	771.2	748.5	737.1	730.0	727.2	724.4	723.0	720.1	727.2	732.9
52.5°	768.3	742.8	717.3	698.9	691.8	687.5	683.3	684.7	684.7	687.5	688.9
55°	725.8	703.1	679.0	666.3	653.5	650.7	647.8	652.1	654.9	654.9	654.9
57.5°	679.0	657.7	635.1	626.6	615.2	615.2	613.8	619.5	623.7	626.6	629.4
60°	637.9	613.8	589.7	582.6	578.4	576.9	575.5	582.6	588.3	594.0	599.6
62.5°	599.6	574.1	548.6	540.1	538.7	540.1	540.1	547.2	552.8	558.5	564.2
65°	557.1	531.6	504.7	496.1	499.0	503.2	507.5	513.2	517.4	523.1	528.8
67.5°	510.3	489.1	466.4	457.9	459.3	465.0	470.6	474.9	477.7	483.4	489.1
70°	459.3	440.9	422.4	416.8	415.3	422.4	428.1	430.9	433.8	440.9	446.5
72.5°	404.0	388.4	372.8	368.6	370.0	374.2	378.5	382.7	385.6	392.7	398.3
75°	347.3	333.1	319.0	316.1	319.0	323.2	327.5	330.3	333.1	341.6	348.7
77.5°	292.0	276.4	259.4	258.0	262.2	266.5	269.3	273.6	277.8	289.2	300.5
80°	233.9	216.9	198.5	197.0	201.3	205.5	209.8	214.1	218.3	232.5	245.2
82.5°	171.5	151.7	131.8	129.0	143.2	147.4	151.7	158.8	164.4	177.2	190.0
85°	103.5	83.6	63.8	62.4	75.1	82.2	89.3	97.8	104.9	116.2	127.6
87.5°	11.3	5.7	0.0	0.0	1.4	7.1	12.8	19.8	26.9	38.3	48.2
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: P320461
 CATALOG NUMBER: GAN-SA7D-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: P320461

CATALOG NUMBER: GAN-SA7D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8
2.5°	9080.9	9017.1	9082.3	9146.1	9173.1	9200.0	9130.5	9059.7	9170.2	9279.4	9307.7
5°	7439.4	7381.3	7425.2	7467.7	7372.7	7277.8	7267.8	7256.5	7338.7	7420.9	7433.7
7.5°	5766.6	5748.2	5789.3	5830.4	5709.9	5588.0	5528.5	5469.0	5488.8	5508.7	5505.8
10°	4299.5	4310.8	4361.8	4411.5	4317.9	4224.3	4183.2	4142.1	4187.5	4231.4	4272.5
12.5°	3220.7	3244.8	3298.7	3351.1	3312.8	3273.2	3277.4	3281.7	3334.1	3385.1	3430.5
15°	2502.0	2530.4	2568.6	2605.5	2606.9	2606.9	2643.8	2679.2	2674.9	2670.7	2701.9
17.5°	2071.1	2107.9	2112.2	2116.4	2117.8	2119.3	2116.4	2113.6	2092.3	2071.1	2095.2
20°	1773.4	1786.1	1797.5	1807.4	1794.6	1780.5	1745.0	1709.6	1695.4	1681.2	1703.9
22.5°	1613.2	1635.9	1624.5	1611.8	1586.3	1559.3	1532.4	1504.0	1502.6	1499.8	1512.5
25°	1478.5	1496.9	1477.1	1457.3	1438.8	1420.4	1402.0	1383.5	1382.1	1380.7	1386.4
27.5°	1366.5	1383.5	1365.1	1346.7	1331.1	1315.5	1301.3	1287.1	1284.3	1281.5	1282.9
30°	1270.1	1285.7	1270.1	1253.1	1241.8	1229.0	1219.1	1209.2	1207.8	1206.3	1206.3
32.5°	1183.7	1199.3	1187.9	1176.6	1166.7	1156.7	1149.6	1142.6	1135.5	1128.4	1112.8
35°	1108.5	1124.1	1117.0	1108.5	1097.2	1085.9	1073.1	1058.9	1040.5	1020.6	1012.1
37.5°	1044.7	1060.3	1053.2	1046.2	1030.6	1015.0	992.3	968.2	962.5	955.4	954.0
40°	993.7	1017.8	1003.6	988.0	963.9	939.8	928.5	917.2	914.3	911.5	908.7
42.5°	937.0	973.9	948.4	922.8	900.2	877.5	874.6	871.8	870.4	869.0	869.0
45°	866.1	905.8	880.3	853.4	840.6	827.9	827.9	827.9	829.3	829.3	832.1
47.5°	799.5	823.6	810.8	798.1	791.0	783.9	785.3	786.7	791.0	793.8	800.9
50°	742.8	751.3	754.1	755.6	751.3	747.1	749.9	751.3	755.6	758.4	764.1
52.5°	701.7	714.5	714.5	713.0	713.0	713.0	715.9	718.7	723.0	727.2	732.9
55°	674.8	693.2	687.5	681.8	683.3	683.3	686.1	688.9	693.2	696.0	704.5
57.5°	649.2	669.1	663.4	657.7	657.7	657.7	659.2	660.6	664.8	667.7	673.3
60°	619.5	639.3	633.7	626.6	628.0	629.4	630.8	630.8	633.7	635.1	635.1
62.5°	584.0	603.9	598.2	591.1	595.4	598.2	598.2	598.2	601.0	602.5	598.2
65°	547.2	565.6	559.9	554.3	559.9	564.2	567.0	568.4	567.0	565.6	561.4
67.5°	507.5	525.9	520.2	513.2	520.2	525.9	531.6	535.8	531.6	527.3	521.7
70°	465.0	483.4	476.3	469.2	476.3	483.4	489.1	494.7	489.1	483.4	482.0
72.5°	419.6	440.9	432.4	423.9	432.4	440.9	443.7	446.5	442.3	438.0	435.2
75°	370.0	391.2	384.2	375.7	382.7	389.8	391.2	392.7	392.7	391.2	382.7
77.5°	317.5	334.5	330.3	326.0	330.3	334.5	334.5	334.5	336.0	336.0	324.6
80°	255.2	265.1	266.5	267.9	269.3	270.8	269.3	267.9	265.1	262.2	255.2
82.5°	190.0	190.0	201.3	211.2	211.2	209.8	208.4	205.5	199.9	192.8	177.2
85°	120.5	113.4	131.8	148.8	148.8	147.4	144.6	140.3	129.0	116.2	103.5
87.5°	41.1	34.0	52.4	70.9	72.3	72.3	69.5	66.6	55.3	42.5	32.6
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: P320461
 CATALOG NUMBER: GAN-SA7D-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: P320461

CATALOG NUMBER: GAN-SA7D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8
2.5°	9350.3	9368.7	9385.7	9524.6	9662.1	9823.7	9985.3	10108.6	10230.6	10356.7	10482.9
5°	7477.6	7500.3	7523.0	7691.7	7859.0	8084.4	8309.8	8504.0	8698.2	8926.4	9154.6
7.5°	5542.7	5592.3	5640.5	5820.5	5999.1	6241.5	6482.5	6736.3	6988.6	7286.3	7584.0
10°	4353.3	4446.9	4539.0	4723.3	4907.6	5147.2	5385.3	5650.4	5915.5	6208.9	6500.9
12.5°	3524.1	3648.8	3772.1	3993.3	4214.4	4500.8	4785.7	5080.5	5374.0	5632.0	5890.0
15°	2784.1	2920.2	3054.9	3288.7	3522.6	3837.3	4150.6	4472.4	4792.8	5101.8	5410.8
17.5°	2171.7	2283.7	2394.3	2592.7	2789.8	3094.5	3399.3	3736.7	4074.1	4451.2	4826.8
20°	1752.1	1798.9	1845.7	1988.8	2130.6	2378.7	2625.3	2969.8	3314.3	3765.0	4215.8
22.5°	1535.2	1559.3	1582.0	1651.5	1719.5	1879.7	2038.5	2343.2	2646.6	3138.5	3629.0
25°	1404.8	1423.2	1441.7	1487.0	1532.4	1608.9	1685.5	1899.5	2113.6	2597.0	3078.9
27.5°	1287.1	1315.5	1342.4	1363.7	1383.5	1436.0	1487.0	1627.4	1767.7	2218.5	2667.9
30°	1202.1	1212.0	1221.9	1254.5	1285.7	1339.6	1393.5	1491.3	1589.1	1970.4	2350.3
32.5°	1102.9	1117.0	1131.2	1165.2	1199.3	1248.9	1298.5	1377.9	1455.8	1781.9	2106.5
35°	1013.6	1027.7	1041.9	1075.9	1108.5	1162.4	1214.9	1281.5	1346.7	1630.2	1913.7
37.5°	958.3	972.4	986.6	1016.4	1044.7	1098.6	1151.1	1203.5	1254.5	1516.8	1779.0
40°	911.5	925.7	939.8	968.2	995.1	1047.6	1098.6	1142.6	1186.5	1431.7	1677.0
42.5°	870.4	886.0	901.6	929.9	956.9	1003.6	1050.4	1108.5	1165.2	1358.0	1549.4
45°	836.4	852.0	866.1	897.3	928.5	973.9	1019.2	1100.0	1180.8	1319.8	1458.7
47.5°	805.2	822.2	837.8	871.8	905.8	962.5	1017.8	1085.9	1152.5	1290.0	1427.5
50°	775.4	795.3	815.1	856.2	895.9	990.9	1084.4	1094.4	1102.9	1265.9	1427.5
52.5°	747.1	769.7	792.4	843.5	893.1	1003.6	1114.2	1078.8	1041.9	1220.5	1399.1
55°	718.7	738.6	757.0	819.4	881.7	962.5	1043.3	996.5	948.4	1135.5	1322.6
57.5°	680.4	701.7	721.5	788.2	854.8	911.5	966.8	924.3	880.3	1039.1	1196.4
60°	640.7	664.8	688.9	774.0	857.6	847.7	836.4	827.9	817.9	931.3	1044.7
62.5°	605.3	630.8	656.3	766.9	877.5	809.4	741.4	748.5	754.1	837.8	921.4
65°	569.9	595.4	619.5	674.8	730.0	703.1	676.2	687.5	697.4	779.7	861.9
67.5°	530.2	552.8	574.1	592.5	611.0	613.8	616.6	628.0	639.3	737.1	833.5
70°	486.2	504.7	523.1	535.8	547.2	552.8	557.1	571.3	585.5	691.8	798.1
72.5°	436.6	452.2	466.4	477.7	489.1	493.3	496.1	510.3	524.5	637.9	751.3
75°	382.7	395.5	406.8	416.8	426.7	432.4	438.0	448.0	457.9	581.2	703.1
77.5°	323.2	336.0	347.3	355.8	362.9	368.6	372.8	385.6	398.3	501.8	603.9
80°	252.3	267.9	282.1	289.2	294.9	296.3	296.3	307.6	319.0	392.7	465.0
82.5°	178.6	195.6	211.2	216.9	222.6	222.6	222.6	235.3	248.1	297.7	345.9
85°	104.9	123.3	140.3	146.0	151.7	154.5	155.9	161.6	165.9	201.3	235.3
87.5°	32.6	48.2	62.4	65.2	68.0	73.7	79.4	80.8	80.8	104.9	129.0
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

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CATALOG NUMBER: GAN-SA7D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8	10801.8
2.5°	10627.5	10772.1	10940.8	11108.0	11251.2	11394.4	11513.5
5°	9445.2	9735.8	10091.6	10446.0	10762.1	11078.3	11445.4
7.5°	7959.6	8335.3	8796.0	9256.7	9703.2	10148.3	10712.5
10°	6883.7	7265.0	7752.7	8238.9	8740.7	9241.1	9879.0
12.5°	6200.4	6509.5	6981.5	7453.6	8043.3	8631.5	9245.4
15°	5749.6	6087.0	6546.3	7005.6	7650.6	8295.6	9001.5
17.5°	5269.1	5709.9	6298.2	6886.5	7650.6	8413.2	9245.4
20°	4765.8	5314.4	6077.1	6839.7	7868.9	8896.6	9958.4
22.5°	4264.0	4899.1	5877.2	6853.9	8199.2	9543.0	10976.2
25°	3811.8	4544.7	5755.3	6964.5	8679.7	10393.6	12171.2
27.5°	3468.8	4268.3	5705.7	7141.7	9289.3	11436.9	13471.1
30°	3164.0	3977.7	5646.2	7314.6	9876.2	12436.3	14487.5
32.5°	2900.3	3694.2	5531.3	7367.1	10285.8	13204.6	15348.0
35°	2693.4	3473.0	5338.5	7204.1	10542.4	13880.8	16243.9
37.5°	2514.8	3250.5	5118.8	6987.2	10770.7	14554.1	17251.8
40°	2344.7	3012.3	4930.3	6846.8	11085.3	15323.9	18316.3
42.5°	2183.0	2816.7	4778.6	6740.5	11377.4	16012.8	19247.7
45°	2062.6	2666.4	4643.9	6620.0	11565.9	16511.8	19949.4
47.5°	2003.0	2577.1	4571.6	6564.7	11754.4	16942.7	20532.0
50°	1994.5	2561.5	4653.9	6746.2	12162.7	17577.8	21198.2
52.5°	1993.1	2587.1	4890.6	7194.1	12921.1	18646.6	21919.8
55°	1963.3	2602.6	5172.7	7741.3	13938.9	20135.1	23216.9
57.5°	1872.6	2548.8	5463.3	8376.4	15014.8	21651.9	24678.4
60°	1732.3	2418.4	5702.9	8985.9	15737.8	22488.2	25241.1
62.5°	1556.5	2190.1	5782.2	9372.9	15717.9	22063.0	24674.1
65°	1406.2	1950.6	5521.4	9090.8	14922.7	20753.1	23552.8
67.5°	1273.0	1711.0	4869.3	8026.2	13492.4	18957.1	22126.8
70°	1176.6	1553.6	4028.7	6503.8	11702.0	16898.8	20475.3
72.5°	1115.6	1478.5	3284.5	5089.1	9496.3	13902.0	17514.0
75°	1032.0	1360.9	2577.1	3792.0	7267.8	10743.7	13228.7
77.5°	876.1	1146.8	1942.1	2737.3	5332.9	7927.0	9200.0
80°	676.2	886.0	1335.3	1784.7	3670.1	5555.4	6272.7
82.5°	482.0	618.1	809.4	1000.8	2438.2	3874.2	3933.7
85°	297.7	360.1	463.5	567.0	1613.2	2659.3	2215.7
87.5°	160.2	191.4	245.2	297.7	516.0	734.3	422.4
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: P320461
 CATALOG NUMBER: GAN-SA7D-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)