

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: P320462

Luminaire Tested: **GAN-SA8D-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320462
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-SA8D-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 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: 40174 lumens
Efficiency: N/A
Efficacy: 78.6 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): 511
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

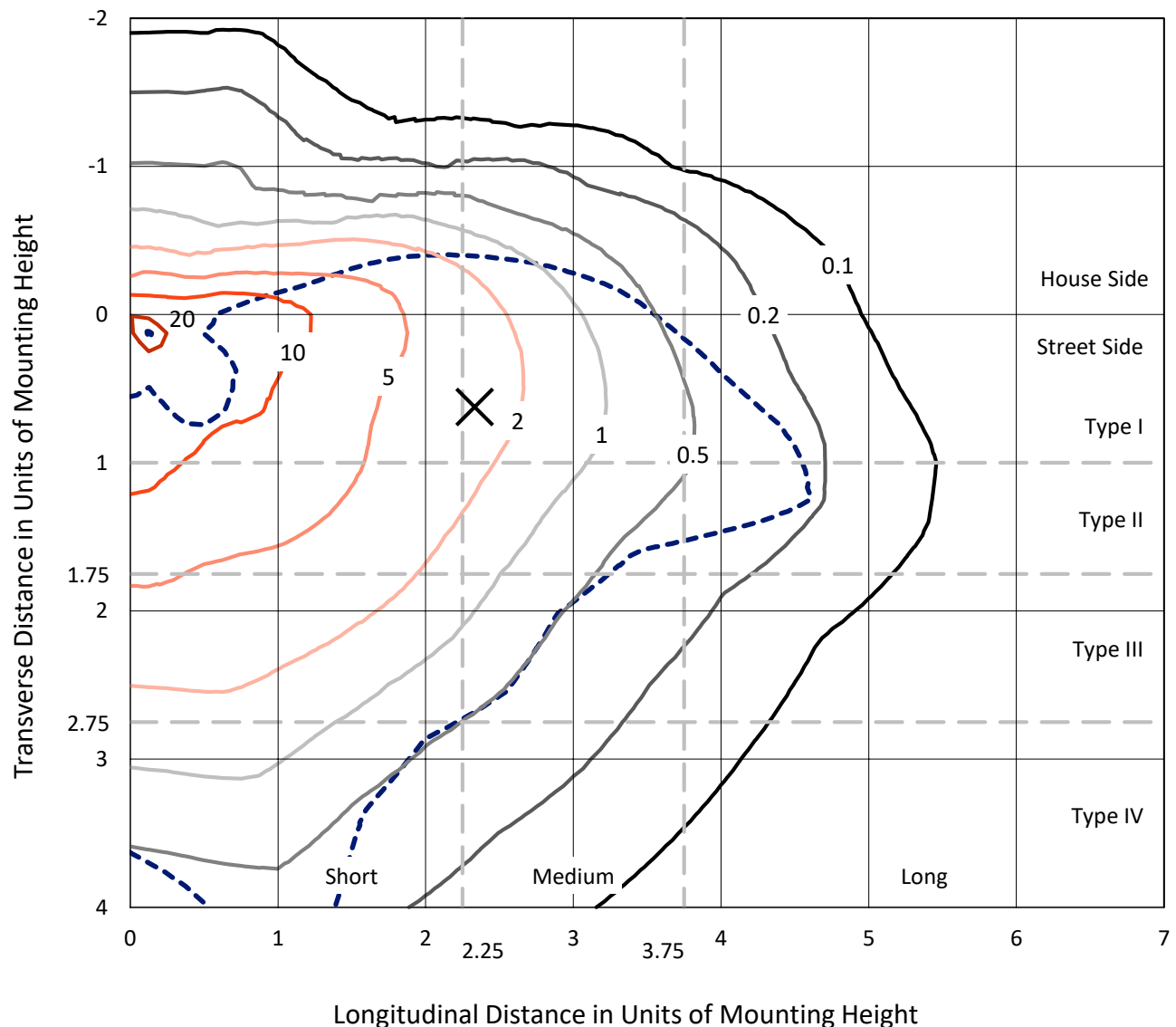


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Iso-Footcandle Lines of Horizontal Illumination

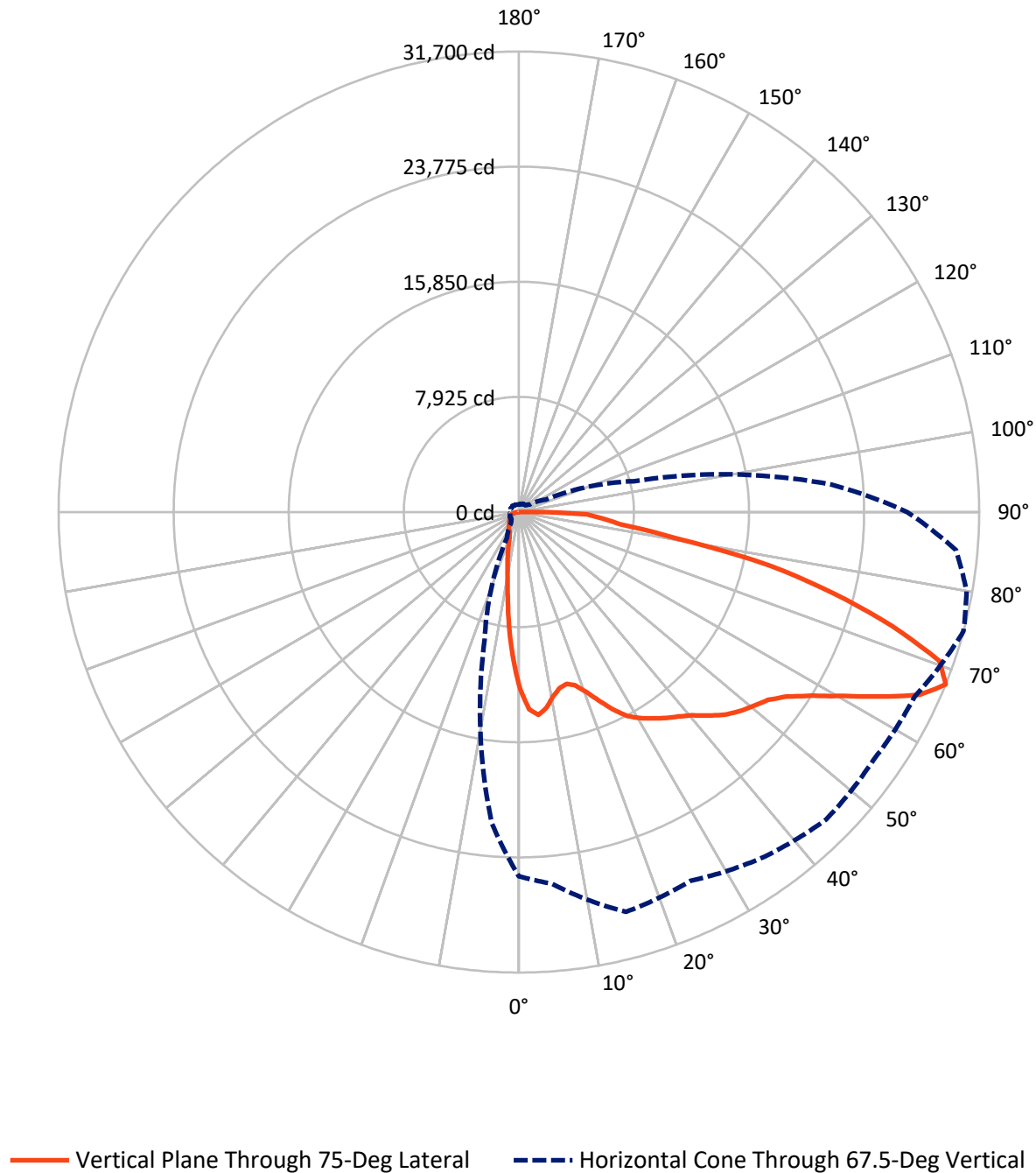
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 24.6 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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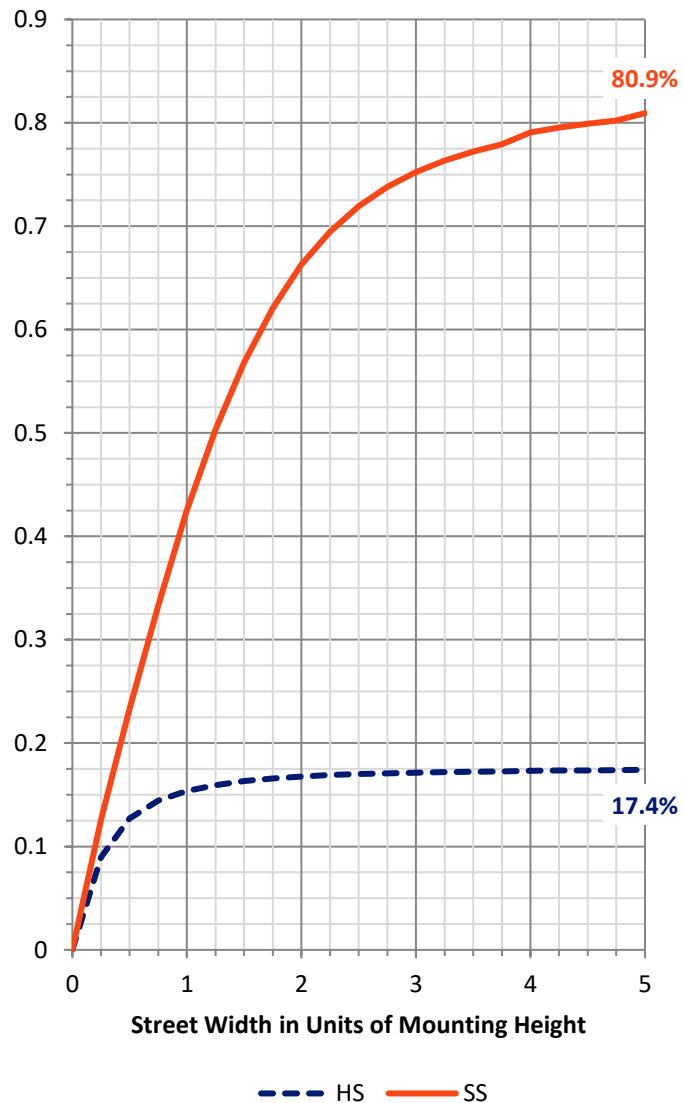
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7075.6	0.0	7075.6
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	33098.4	0.0	33098.4
	% Fixture	82.4	0.0	82.4
Total	Lumens	40174.0	0.0	40174.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	944.6	2.4
10°-20°	1962.3	4.9
20°-30°	2790.8	6.9
30°-40°	4021.5	10.0
40°-50°	5667.5	14.1
50°-60°	7878.8	19.6
60°-70°	9527.8	23.7
70°-80°	5856.6	14.6
80°-90°	1524.0	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°	40174.0	100.0
0°-180°	40174.0	100.0

Coefficient of Utilization



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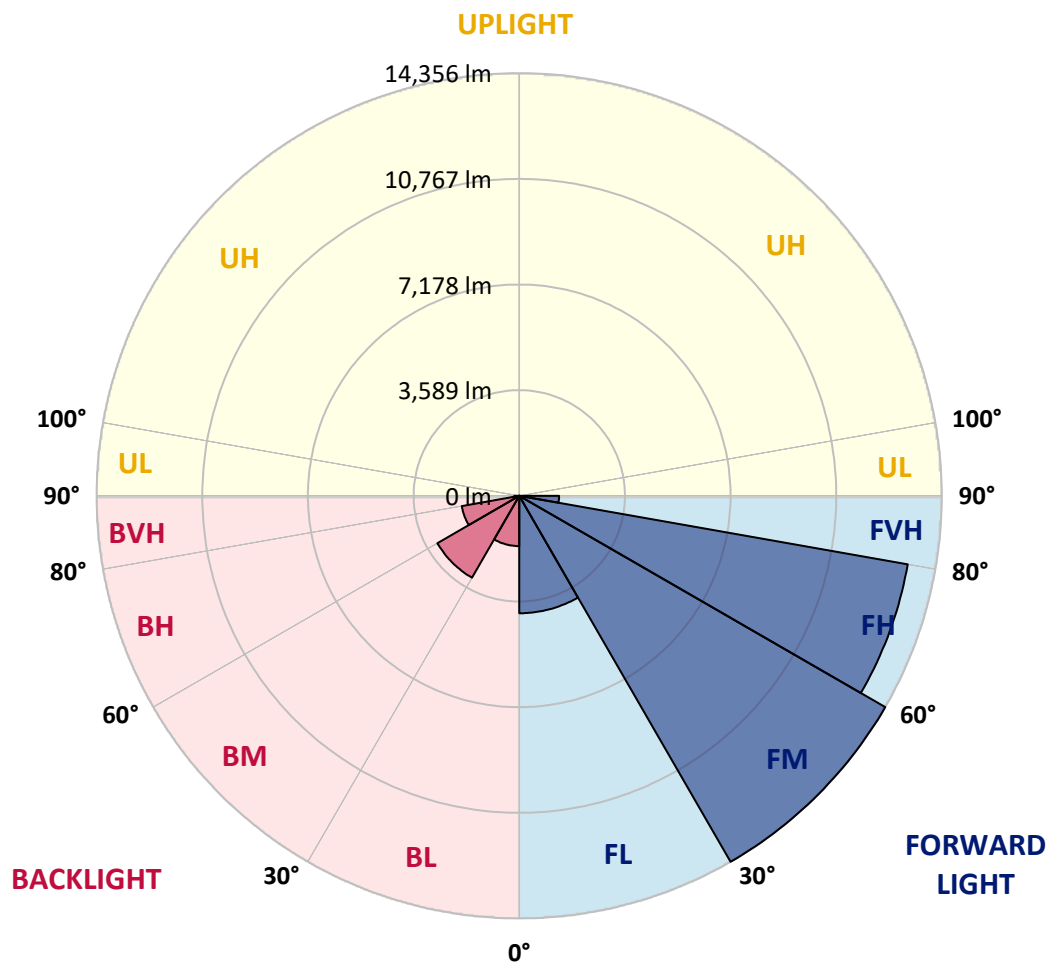
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3988.9	9.9			
FM	(30°-60°)	14356.1	35.7			
FH	(60°-80°)	13400.7	33.4			G5
FVH	(80°-90°)	1352.8	3.4			G5
BL	(0°-30°)	1708.8	4.3	B3/2500		
BM	(30°-60°)	3211.8	8.0	B3/5000		
BH	(60°-80°)	1983.8	4.9	B3/2500		G3/2500
BVH	(80°-90°)	171.2	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°	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2
2.5°	13045.5	13217.4	13336.2	13453.5	13545.0	13635.0	13766.7	13898.4	13924.1	13948.2	13896.8
5°	12968.4	13387.6	13744.2	14099.2	14428.4	14757.7	14955.3	15152.8	15193.0	15233.1	15109.5
7.5°	12138.0	12756.4	13374.8	13993.2	14560.1	15127.1	15472.5	15816.2	15894.9	15972.0	15769.6
10°	11193.6	11913.1	12672.9	13432.6	14179.5	14926.4	15425.9	15925.4	16025.0	16124.6	15872.4
12.5°	10475.6	11261.0	12072.2	12883.3	13671.9	14459.0	14976.2	15493.3	15617.0	15740.7	15557.6
15°	10199.3	11060.3	11823.2	12586.1	13273.6	13959.4	14383.5	14805.9	14857.3	14907.1	14878.2
17.5°	10475.6	11424.9	12115.5	12804.6	13178.8	13551.5	13721.7	13890.4	13946.6	14001.2	14075.1
20°	11283.5	12308.3	12794.9	13280.0	13263.9	13246.3	13164.4	13080.8	13066.4	13051.9	13260.7
22.5°	12436.8	13626.9	13821.3	14014.0	13562.7	13111.4	12836.7	12560.4	12505.8	12449.6	12671.3
25°	13790.8	15058.1	15022.7	14985.8	14126.5	13265.6	12741.9	12218.3	12157.3	12096.2	12285.8
27.5°	15263.7	16474.7	16243.4	16012.1	14844.4	13676.7	12917.0	12157.3	12096.2	12035.2	12202.3
30°	16415.3	17513.9	17142.9	16771.9	15450.0	14128.1	13225.4	12322.7	12223.1	12121.9	12327.5
32.5°	17390.3	18325.1	17827.1	17329.2	15941.5	14553.7	13577.2	12600.6	12444.8	12289.0	12563.6
35°	18405.4	19134.6	18434.3	17732.4	16380.0	15025.9	13993.2	12958.8	12767.6	12576.5	12954.0
37.5°	19547.4	20152.9	19147.4	18140.4	16873.1	15605.8	14616.4	13625.3	13429.4	13233.4	13715.3
40°	20753.6	21258.0	19916.8	18575.6	17412.7	16249.9	15478.9	14706.3	14520.0	14332.1	14916.7
42.5°	21808.9	22176.7	20633.2	19089.6	18063.3	17035.3	16492.4	15947.9	15946.3	15943.1	16535.8
45°	22604.0	22923.6	21230.7	19536.1	18697.7	17857.7	17575.0	17292.3	17518.8	17745.2	18281.7
47.5°	23264.1	23480.9	21731.8	19981.1	19423.7	18866.4	18908.1	18949.9	19410.9	19871.8	20217.2
50°	24019.0	23843.9	22186.4	20527.2	20355.3	20183.4	20559.3	20933.5	21463.6	21992.0	22226.5
52.5°	24836.6	24372.4	22803.1	21232.3	21425.0	21617.8	22382.3	23146.9	23681.7	24216.6	24304.9
55°	26306.2	25594.7	23937.1	22277.9	22648.9	23018.4	24141.1	25262.2	25679.8	26097.4	26129.6
57.5°	27962.2	27331.0	25525.6	23720.3	24118.6	24516.9	25813.1	27107.7	27559.1	28008.8	27946.2
60°	28599.9	28630.4	27033.8	25435.7	25837.2	26238.8	27501.3	28763.7	29282.5	29799.7	29661.6
62.5°	27957.4	28710.7	27857.8	27003.3	27367.9	27730.9	28967.7	30204.5	30736.1	31267.8	31026.8
65°	26686.9	27433.8	27816.1	28198.3	28318.8	28439.3	29594.1	30747.4	31155.3	31561.7	31439.6
67.5°	25071.1	25675.0	27085.2	28493.9	28251.3	28008.8	28550.1	29091.4	29510.6	29929.8	29860.8
70°	23199.9	23919.4	25800.3	27681.1	26489.3	25295.9	25072.7	24849.4	25302.4	25753.7	25474.2
72.5°	19844.5	20930.3	22936.4	24941.0	22745.3	20549.6	19786.7	19023.8	19597.2	20170.6	19725.7
75°	14989.0	16429.8	18646.3	20861.2	18241.5	15621.8	14603.5	13585.2	14078.3	14571.4	14266.2
77.5°	10424.2	12231.2	14414.0	16596.8	13933.7	11269.1	10512.5	9754.4	9902.2	10048.3	9997.0
80°	7107.4	8296.0	9818.7	11339.7	9566.5	7793.3	7852.7	7910.5	7841.4	7770.8	7873.6
82.5°	4457.2	5294.0	6469.7	7643.9	6702.6	5761.4	6301.1	6840.8	6575.8	6309.1	6408.7
85°	2510.5	3021.3	4171.3	5319.7	4958.3	4595.3	4911.7	5226.6	4815.4	4404.2	4585.7
87.5°	478.6	796.7	2308.1	3817.9	3466.2	3114.4	2706.4	2298.5	1754.0	1209.5	1766.8
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°	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2
2.5°	13845.4	13818.1	13790.8	13692.8	13593.2	13445.4	13323.4	13111.4	12995.7	12820.6	12645.6
5°	14984.2	14810.7	14637.2	14338.5	14038.1	13704.0	13320.2	12894.5	12573.3	12155.7	11738.1
7.5°	15567.2	15162.5	14756.1	14182.7	13607.7	13090.5	12483.3	11918.0	11436.1	10893.2	10350.3
10°	15620.2	15013.1	14404.3	13659.1	12912.2	12284.2	11585.5	10957.5	10379.2	9756.0	9131.2
12.5°	15372.9	14727.2	14079.9	13259.1	12436.8	11723.6	10971.9	10268.4	9627.5	8941.7	8254.2
15°	14849.3	14333.7	13816.5	13047.1	12277.7	11558.2	10829.0	9995.3	9271.0	8569.0	7865.5
17.5°	14147.4	13903.2	13657.5	13101.7	12544.4	11921.2	11214.4	10236.3	9388.2	8625.3	7862.3
20°	13467.9	13557.9	13646.2	13424.6	13202.9	12703.4	12086.6	10988.0	9905.4	8908.0	7908.9
22.5°	12891.3	13323.4	13753.8	13925.7	14096.0	13795.6	13313.7	12043.2	10610.5	9307.9	8005.3
25°	12473.7	13190.1	13906.4	14478.2	15048.4	14915.1	14544.1	13325.0	11545.3	9884.5	8222.1
27.5°	12369.3	13247.9	14126.5	15013.1	15898.1	16021.8	15919.0	14675.8	12660.0	10600.9	8540.1
30°	12533.1	13423.0	14311.2	15390.5	16468.3	16961.4	17099.5	15801.7	13933.7	11436.1	8936.9
32.5°	12838.3	13710.5	14582.6	15758.4	16932.5	17677.8	18117.9	16831.3	14822.0	12065.7	9307.9
35°	13331.4	14147.4	14963.3	16187.2	17411.1	18374.9	19178.0	17894.6	15610.6	12505.8	9399.4
37.5°	14195.5	14897.4	15599.4	16730.1	17859.3	19108.9	20315.1	19065.5	16463.5	12929.9	9394.6
40°	15501.4	15997.7	16492.4	17448.1	18402.2	19974.6	21603.3	20371.4	17406.3	13389.2	9372.1
42.5°	17128.5	17383.8	17637.6	18394.1	19150.6	20878.9	22772.6	21648.3	18305.8	13816.5	9327.2
45°	18816.6	18884.0	18951.5	19428.5	19904.0	21595.3	23569.3	22607.2	19091.2	14187.5	9282.2
47.5°	20560.9	20329.6	20098.3	20287.8	20477.4	22144.6	24137.9	23334.8	19879.9	14598.7	9315.9
50°	22461.0	21816.9	21172.8	21073.3	20973.7	22693.9	24807.7	24260.0	20827.5	15197.8	9568.1
52.5°	24391.7	23330.0	22268.3	21874.8	21479.6	23349.2	25695.9	25411.6	22179.9	16126.2	10070.8
55°	26161.7	24810.9	23460.1	22930.0	22400.0	24351.5	26780.1	27102.9	23913.0	17313.2	10711.7
57.5°	27881.9	26351.2	24820.5	24329.0	23837.5	25824.4	28153.4	28620.8	25663.8	18452.0	11238.5
60°	29523.4	28008.8	26492.6	26099.0	25703.9	27655.4	29637.5	29297.0	26566.4	18985.2	11402.4
62.5°	30785.9	29581.3	28376.6	28169.4	27960.6	29507.4	30777.9	29033.6	25993.0	18460.0	10926.9
65°	31317.6	30631.7	29944.3	30138.6	30331.4	30908.0	31062.2	28262.6	24190.9	16988.7	9786.5
67.5°	29790.1	29929.8	30069.6	30885.5	31699.8	31303.1	30217.3	26743.1	21625.8	14903.9	8182.0
70°	25193.2	26031.6	26868.4	28799.1	30728.1	29847.9	27954.2	24015.8	18538.7	12502.6	6464.9
72.5°	19279.1	20222.0	21163.2	24028.7	26892.5	26081.4	23762.0	19725.7	14863.7	9984.1	5102.9
75°	13959.4	15024.3	16087.6	19248.6	22409.6	21283.7	17774.1	14123.3	11289.9	7621.4	3951.2
77.5°	9943.9	10657.1	11370.2	14492.7	17613.5	15779.2	11831.2	9503.8	7814.1	5297.2	2778.7
80°	7976.4	7757.9	7539.5	9279.0	11018.5	10713.3	7825.4	6103.5	5408.1	3549.7	1691.3
82.5°	6506.7	5973.4	5440.2	6259.3	7078.5	7033.5	5430.5	4478.1	4025.1	2467.1	909.1
85°	4765.6	4552.0	4338.3	5062.7	5787.1	5168.7	3678.2	2846.2	3138.5	1816.6	494.7
87.5°	2324.2	2655.0	2984.3	3838.8	4691.7	3522.4	1116.3	552.5	764.5	502.7	239.3
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



REPORT NUMBER: P320462

CATALOG NUMBER: GAN-SA8D-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: P320462

CATALOG NUMBER: GAN-SA8D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2
2.5°	12515.5	12383.8	12234.4	12085.0	11914.7	11742.9	11641.7	11538.9	11428.1	11317.2	11192.0
5°	11461.8	11185.5	10872.3	10559.1	10249.1	9939.1	9772.1	9605.0	9428.4	9250.1	9095.9
7.5°	9948.8	9545.6	9111.9	8676.7	8291.2	7904.1	7664.8	7423.8	7205.4	6985.3	6800.6
10°	8617.2	8103.2	7668.0	7231.1	6940.4	6649.6	6429.6	6209.5	5997.5	5783.9	5579.9
12.5°	7740.2	7226.3	6950.0	6673.7	6432.8	6191.9	5938.1	5682.7	5392.0	5099.7	4886.0
15°	7398.1	6930.7	6623.9	6315.6	5992.7	5668.3	5356.7	5045.1	4701.3	4357.6	4115.1
17.5°	7250.4	6638.4	6209.5	5779.1	5353.4	4927.8	4566.4	4205.0	3829.2	3453.3	3207.6
20°	7094.6	6280.2	5705.2	5128.6	4582.5	4036.4	3626.8	3217.2	2881.5	2545.8	2357.9
22.5°	6953.2	5899.6	5178.4	4455.6	3809.9	3164.2	2762.7	2359.5	2153.9	1948.3	1872.8
25°	6895.4	5567.1	4680.4	3793.8	3112.8	2430.2	2144.3	1858.4	1779.7	1699.4	1660.8
27.5°	6905.0	5269.9	4261.2	3250.9	2637.4	2023.8	1827.8	1631.9	1583.7	1533.9	1509.8
30°	6942.0	4947.1	3866.1	2785.1	2279.2	1773.2	1646.3	1517.9	1466.5	1415.1	1384.5
32.5°	6983.7	4658.0	3560.9	2462.3	2049.5	1635.1	1530.7	1424.7	1374.9	1325.1	1294.6
35°	6911.5	4421.9	3352.1	2282.4	1901.7	1519.5	1431.1	1341.2	1286.6	1232.0	1203.0
37.5°	6789.4	4184.1	3189.9	2194.1	1805.4	1415.1	1350.8	1285.0	1228.7	1170.9	1143.6
40°	6678.6	3983.4	3069.4	2153.9	1752.4	1349.2	1294.6	1240.0	1182.2	1122.7	1090.6
42.5°	6588.6	3848.4	2950.6	2052.7	1704.2	1354.0	1276.9	1198.2	1142.0	1085.8	1050.5
45°	6521.1	3760.1	2857.4	1954.7	1659.2	1363.7	1265.7	1167.7	1111.5	1053.7	1011.9
47.5°	6514.7	3713.5	2791.6	1869.6	1574.1	1276.9	1236.8	1196.6	1114.7	1031.2	983.0
50°	6603.1	3638.0	2714.5	1789.3	1492.2	1195.0	1249.6	1302.6	1162.9	1021.5	960.5
52.5°	6787.8	3504.7	2592.4	1680.1	1392.6	1103.5	1188.6	1272.1	1151.6	1029.6	950.9
55°	7011.0	3308.8	2407.7	1505.0	1260.9	1015.1	1090.6	1164.5	1089.0	1011.9	917.1
57.5°	7150.8	3061.4	2174.8	1288.2	1113.1	938.0	981.4	1023.1	992.6	962.1	865.7
60°	7067.3	2732.1	1913.0	1092.2	983.0	873.8	865.7	856.1	901.1	946.0	835.2
62.5°	6659.3	2391.6	1681.7	971.7	889.8	806.3	788.6	769.4	843.3	915.5	798.3
65°	5970.2	2153.9	1535.5	917.1	825.6	734.0	714.8	695.5	718.0	740.5	685.8
67.5°	5094.8	2007.7	1452.0	896.3	785.4	673.0	650.5	628.0	623.2	618.4	599.1
70°	4192.2	1917.8	1397.4	877.0	742.1	605.5	584.7	563.8	557.3	549.3	534.9
72.5°	3504.7	1906.6	1391.0	875.4	706.7	538.1	518.8	499.5	491.5	481.9	470.6
75°	2870.3	1789.3	1320.3	851.3	658.5	464.2	446.5	428.9	422.4	414.4	404.8
77.5°	2129.8	1480.9	1109.9	738.8	563.8	388.7	371.0	351.8	350.2	346.9	338.9
80°	1381.3	1071.3	793.5	515.6	411.2	305.2	290.7	274.7	276.3	277.9	271.4
82.5°	767.8	624.8	485.1	345.3	281.1	216.8	210.4	202.4	207.2	210.4	202.4
85°	404.8	314.8	260.2	205.6	162.2	118.9	118.9	117.3	123.7	130.1	123.7
87.5°	175.1	110.8	94.8	77.1	43.4	8.0	9.6	9.6	12.8	16.1	14.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320462
 CATALOG NUMBER: GAN-SA8D-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: P320462

CATALOG NUMBER: GAN-SA8D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2
2.5°	11065.1	10947.8	10829.0	10698.9	10723.0	10623.4	10523.8	10461.1	10398.5	10379.2	10360.0
5°	8941.7	8808.4	8673.4	8553.0	8657.4	8586.7	8516.0	8506.4	8495.2	8495.2	8493.6
7.5°	6615.9	6473.0	6328.4	6228.8	6331.6	6318.8	6305.9	6375.0	6444.0	6500.3	6554.9
10°	5375.9	5202.5	5027.4	4879.6	4853.9	4780.0	4704.5	4720.6	4735.1	4796.1	4857.1
12.5°	4672.4	4465.2	4258.0	4084.6	4005.8	3883.8	3760.1	3683.0	3605.9	3613.9	3620.4
15°	3870.9	3670.2	3467.8	3318.4	3268.6	3173.8	3079.1	2982.7	2884.7	2844.6	2802.8
17.5°	2960.2	2799.6	2637.4	2537.8	2537.8	2510.5	2483.2	2435.0	2385.2	2345.0	2303.3
20°	2170.0	2084.8	1998.1	1956.3	1969.2	1970.8	1970.8	1994.9	2019.0	2006.1	1993.3
22.5°	1795.7	1765.2	1734.7	1717.0	1723.4	1725.1	1726.7	1749.1	1770.0	1786.1	1800.5
25°	1620.6	1601.4	1582.1	1575.7	1590.1	1591.7	1591.7	1606.2	1620.6	1636.7	1652.8
27.5°	1484.1	1476.1	1468.1	1456.8	1471.3	1471.3	1469.7	1485.7	1500.2	1514.6	1527.5
30°	1354.0	1357.2	1358.8	1355.6	1365.3	1371.7	1376.5	1387.8	1397.4	1408.6	1419.9
32.5°	1262.5	1257.6	1252.8	1249.6	1270.5	1281.7	1293.0	1304.2	1313.9	1318.7	1323.5
35°	1174.1	1162.9	1151.6	1143.6	1162.9	1177.3	1191.8	1212.7	1232.0	1235.2	1238.4
37.5°	1114.7	1100.2	1085.8	1076.1	1084.2	1090.6	1097.0	1119.5	1142.0	1154.9	1166.1
40°	1058.5	1044.0	1029.6	1021.5	1026.4	1028.0	1029.6	1040.8	1050.5	1074.5	1097.0
42.5°	1013.5	995.8	978.2	968.5	971.7	975.0	976.6	975.0	973.4	995.8	1018.3
45°	968.5	949.3	930.0	918.7	920.3	920.3	920.3	917.1	912.3	923.6	934.8
47.5°	933.2	910.7	888.2	877.0	873.8	870.6	867.3	865.7	862.5	870.6	877.0
50°	897.9	873.8	848.1	835.2	827.2	824.0	820.8	819.2	815.9	824.0	830.4
52.5°	870.6	841.6	812.7	791.9	783.8	779.0	774.2	775.8	775.8	779.0	780.6
55°	822.4	796.7	769.4	754.9	740.5	737.2	734.0	738.8	742.1	742.1	742.1
57.5°	769.4	745.3	719.6	709.9	697.1	697.1	695.5	701.9	706.7	709.9	713.2
60°	722.8	695.5	668.2	660.1	655.3	653.7	652.1	660.1	666.6	673.0	679.4
62.5°	679.4	650.5	621.6	612.0	610.4	612.0	612.0	620.0	626.4	632.8	639.3
65°	631.2	602.3	571.8	562.2	565.4	570.2	575.0	581.4	586.3	592.7	599.1
67.5°	578.2	554.1	528.4	518.8	520.4	526.8	533.3	538.1	541.3	547.7	554.1
70°	520.4	499.5	478.6	472.2	470.6	478.6	485.1	488.3	491.5	499.5	506.0
72.5°	457.8	440.1	422.4	417.6	419.2	424.0	428.9	433.7	436.9	444.9	451.3
75°	393.5	377.5	361.4	358.2	361.4	366.2	371.0	374.2	377.5	387.1	395.1
77.5°	330.9	313.2	293.9	292.3	297.1	302.0	305.2	310.0	314.8	327.7	340.5
80°	265.0	245.7	224.9	223.3	228.1	232.9	237.7	242.5	247.4	263.4	277.9
82.5°	194.3	171.9	149.4	146.2	162.2	167.0	171.9	179.9	186.3	200.8	215.2
85°	117.3	94.8	72.3	70.7	85.1	93.2	101.2	110.8	118.9	131.7	144.6
87.5°	12.8	6.4	0.0	0.0	1.6	8.0	14.5	22.5	30.5	43.4	54.6
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: P320462
 CATALOG NUMBER: GAN-SA8D-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: P320462

CATALOG NUMBER: GAN-SA8D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2
2.5°	10289.3	10217.0	10290.9	10363.2	10393.7	10424.2	10345.5	10265.2	10390.5	10514.1	10546.3
5°	8429.3	8363.5	8413.2	8461.4	8353.8	8246.2	8235.0	8222.1	8315.3	8408.4	8422.9
7.5°	6534.0	6513.1	6559.7	6606.3	6469.7	6331.6	6264.2	6196.7	6219.2	6241.7	6238.5
10°	4871.6	4884.4	4942.3	4998.5	4892.5	4786.5	4739.9	4693.3	4744.7	4794.5	4841.1
12.5°	3649.3	3676.6	3737.6	3797.0	3753.7	3708.7	3713.5	3718.3	3777.8	3835.6	3887.0
15°	2834.9	2867.1	2910.4	2952.2	2953.8	2953.8	2995.6	3035.7	3030.9	3026.1	3061.4
17.5°	2346.6	2388.4	2393.2	2398.0	2399.7	2401.3	2398.0	2394.8	2370.7	2346.6	2374.0
20°	2009.3	2023.8	2036.7	2047.9	2033.4	2017.4	1977.2	1937.1	1921.0	1904.9	1930.6
22.5°	1827.8	1853.5	1840.7	1826.2	1797.3	1766.8	1736.3	1704.2	1702.6	1699.4	1713.8
25°	1675.3	1696.1	1673.7	1651.2	1630.3	1609.4	1588.5	1567.6	1566.0	1564.4	1570.9
27.5°	1548.4	1567.6	1546.8	1525.9	1508.2	1490.5	1474.5	1458.4	1455.2	1452.0	1453.6
30°	1439.1	1456.8	1439.1	1419.9	1407.0	1392.6	1381.3	1370.1	1368.5	1366.9	1366.9
32.5°	1341.2	1358.8	1346.0	1333.1	1321.9	1310.7	1302.6	1294.6	1286.6	1278.5	1260.9
35°	1256.0	1273.7	1265.7	1256.0	1243.2	1230.3	1215.9	1199.8	1178.9	1156.5	1146.8
37.5°	1183.8	1201.4	1193.4	1185.4	1167.7	1150.0	1124.3	1097.0	1090.6	1082.6	1081.0
40°	1125.9	1153.2	1137.2	1119.5	1092.2	1064.9	1052.1	1039.2	1036.0	1032.8	1029.6
42.5°	1061.7	1103.5	1074.5	1045.6	1019.9	994.2	991.0	987.8	986.2	984.6	984.6
45°	981.4	1026.4	997.4	966.9	952.5	938.0	938.0	938.0	939.6	939.6	942.8
47.5°	905.9	933.2	918.7	904.3	896.3	888.2	889.8	891.4	896.3	899.5	907.5
50°	841.6	851.3	854.5	856.1	851.3	846.5	849.7	851.3	856.1	859.3	865.7
52.5°	795.1	809.5	809.5	807.9	807.9	807.9	811.1	814.3	819.2	824.0	830.4
55°	764.5	785.4	779.0	772.6	774.2	774.2	777.4	780.6	785.4	788.6	798.3
57.5°	735.6	758.1	751.7	745.3	745.3	745.3	746.9	748.5	753.3	756.5	762.9
60°	701.9	724.4	718.0	709.9	711.5	713.2	714.8	714.8	718.0	719.6	719.6
62.5°	661.8	684.2	677.8	669.8	674.6	677.8	677.8	677.8	681.0	682.6	677.8
65°	620.0	640.9	634.4	628.0	634.4	639.3	642.5	644.1	642.5	640.9	636.1
67.5°	575.0	595.9	589.5	581.4	589.5	595.9	602.3	607.1	602.3	597.5	591.1
70°	526.8	547.7	539.7	531.7	539.7	547.7	554.1	560.6	554.1	547.7	546.1
72.5°	475.4	499.5	489.9	480.3	489.9	499.5	502.7	506.0	501.1	496.3	493.1
75°	419.2	443.3	435.3	425.6	433.7	441.7	443.3	444.9	444.9	443.3	433.7
77.5°	359.8	379.1	374.2	369.4	374.2	379.1	379.1	379.1	380.7	380.7	367.8
80°	289.1	300.4	302.0	303.6	305.2	306.8	305.2	303.6	300.4	297.1	289.1
82.5°	215.2	215.2	228.1	239.3	239.3	237.7	236.1	232.9	226.5	218.4	200.8
85°	136.5	128.5	149.4	168.7	168.7	167.0	163.8	159.0	146.2	131.7	117.3
87.5°	46.6	38.5	59.4	80.3	81.9	81.9	78.7	75.5	62.6	48.2	36.9
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: P320462
 CATALOG NUMBER: GAN-SA8D-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: P320462

CATALOG NUMBER: GAN-SA8D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2
2.5°	10594.5	10615.3	10634.6	10792.0	10947.8	11130.9	11314.0	11453.8	11591.9	11734.9	11877.8
5°	8472.7	8498.4	8524.1	8715.2	8904.7	9160.1	9415.5	9635.6	9855.6	10114.2	10372.8
7.5°	6280.2	6336.4	6391.0	6595.0	6797.4	7072.1	7345.1	7632.6	7918.5	8255.8	8593.1
10°	4932.6	5038.6	5143.0	5351.8	5560.6	5832.1	6101.9	6402.3	6702.6	7035.1	7366.0
12.5°	3993.0	4134.3	4274.1	4524.6	4775.2	5099.7	5422.5	5756.6	6089.1	6381.4	6673.7
15°	3154.6	3308.8	3461.3	3726.4	3991.4	4348.0	4702.9	5067.5	5430.5	5780.7	6130.8
17.5°	2460.7	2587.6	2712.9	2937.7	3161.0	3506.3	3851.7	4233.9	4616.2	5043.4	5469.1
20°	1985.3	2038.3	2091.3	2253.5	2414.1	2695.2	2974.7	3365.0	3755.3	4266.1	4776.8
22.5°	1739.5	1766.8	1792.5	1871.2	1948.3	2129.8	2309.7	2655.0	2998.8	3556.1	4111.9
25°	1591.7	1612.6	1633.5	1684.9	1736.3	1823.0	1909.8	2152.3	2394.8	2942.5	3488.7
27.5°	1458.4	1490.5	1521.1	1545.2	1567.6	1627.1	1684.9	1843.9	2002.9	2513.7	3022.9
30°	1362.1	1373.3	1384.5	1421.5	1456.8	1517.9	1578.9	1689.7	1800.5	2232.6	2663.1
32.5°	1249.6	1265.7	1281.7	1320.3	1358.8	1415.1	1471.3	1561.2	1649.6	2019.0	2386.8
35°	1148.4	1164.5	1180.6	1219.1	1256.0	1317.1	1376.5	1452.0	1525.9	1847.1	2168.4
37.5°	1085.8	1101.8	1117.9	1151.6	1183.8	1244.8	1304.2	1363.7	1421.5	1718.6	2015.8
40°	1032.8	1048.8	1064.9	1097.0	1127.5	1187.0	1244.8	1294.6	1344.4	1622.3	1900.1
42.5°	986.2	1003.9	1021.5	1053.7	1084.2	1137.2	1190.2	1256.0	1320.3	1538.7	1755.6
45°	947.7	965.3	981.4	1016.7	1052.1	1103.5	1154.9	1246.4	1338.0	1495.4	1652.8
47.5°	912.3	931.6	949.3	987.8	1026.4	1090.6	1153.2	1230.3	1305.8	1461.6	1617.4
50°	878.6	901.1	923.6	970.1	1015.1	1122.7	1228.7	1240.0	1249.6	1434.3	1617.4
52.5°	846.5	872.2	897.9	955.7	1011.9	1137.2	1262.5	1222.3	1180.6	1382.9	1585.3
55°	814.3	836.8	857.7	928.4	999.1	1090.6	1182.2	1129.2	1074.5	1286.6	1498.6
57.5°	771.0	795.1	817.6	893.0	968.5	1032.8	1095.4	1047.2	997.4	1177.3	1355.6
60°	726.0	753.3	780.6	877.0	971.7	960.5	947.7	938.0	926.8	1055.3	1183.8
62.5°	685.8	714.8	743.7	869.0	994.2	917.1	840.0	848.1	854.5	949.3	1044.0
65°	645.7	674.6	701.9	764.5	827.2	796.7	766.2	779.0	790.2	883.4	976.6
67.5°	600.7	626.4	650.5	671.4	692.3	695.5	698.7	711.5	724.4	835.2	944.4
70°	550.9	571.8	592.7	607.1	620.0	626.4	631.2	647.3	663.4	783.8	904.3
72.5°	494.7	512.4	528.4	541.3	554.1	559.0	562.2	578.2	594.3	722.8	851.3
75°	433.7	448.1	461.0	472.2	483.5	489.9	496.3	507.6	518.8	658.5	796.7
77.5°	366.2	380.7	393.5	403.2	411.2	417.6	422.4	436.9	451.3	568.6	684.2
80°	285.9	303.6	319.6	327.7	334.1	335.7	335.7	348.5	361.4	444.9	526.8
82.5°	202.4	221.7	239.3	245.7	252.2	252.2	252.2	266.6	281.1	337.3	391.9
85°	118.9	139.7	159.0	165.4	171.9	175.1	176.7	183.1	187.9	228.1	266.6
87.5°	36.9	54.6	70.7	73.9	77.1	83.5	89.9	91.6	91.6	118.9	146.2
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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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: P320462

CATALOG NUMBER: GAN-SA8D-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2	12239.2
2.5°	12041.6	12205.5	12396.6	12586.1	12748.4	12910.6	13045.5
5°	10702.1	11031.3	11434.5	11836.0	12194.2	12552.4	12968.4
7.5°	9018.8	9444.4	9966.4	10488.4	10994.4	11498.7	12138.0
10°	7799.7	8231.7	8784.3	9335.2	9903.8	10470.8	11193.6
12.5°	7025.5	7375.6	7910.5	8445.4	9113.5	9780.1	10475.6
15°	6514.7	6897.0	7417.4	7937.8	8668.6	9399.4	10199.3
17.5°	5970.2	6469.7	7136.3	7802.9	8668.6	9532.8	10475.6
20°	5400.0	6021.6	6885.8	7749.9	8916.0	10080.5	11283.5
22.5°	4831.4	5551.0	6659.3	7765.9	9290.2	10812.9	12436.8
25°	4319.1	5149.5	6521.1	7891.2	9834.7	11776.6	13790.8
27.5°	3930.4	4836.2	6464.9	8092.0	10525.4	12958.8	15263.7
30°	3585.0	4507.0	6397.5	8288.0	11190.4	14091.1	16415.3
32.5°	3286.3	4185.7	6267.4	8347.4	11654.5	14961.7	17390.3
35°	3051.8	3935.2	6048.9	8162.7	11945.3	15727.9	18405.4
37.5°	2849.4	3683.0	5800.0	7916.9	12203.9	16490.8	19547.4
40°	2656.6	3413.2	5586.3	7757.9	12560.4	17363.0	20753.6
42.5°	2473.5	3191.5	5414.5	7637.5	12891.3	18143.6	21808.9
45°	2337.0	3021.3	5261.9	7500.9	13104.9	18708.9	22604.0
47.5°	2269.6	2920.1	5180.0	7438.3	13318.6	19197.2	23264.1
50°	2259.9	2902.4	5273.1	7643.9	13781.1	19916.8	24019.0
52.5°	2258.3	2931.3	5541.4	8151.4	14640.5	21127.9	24836.6
55°	2224.6	2949.0	5861.0	8771.4	15793.7	22814.4	26306.2
57.5°	2121.8	2887.9	6190.3	9491.0	17012.8	24533.0	27962.2
60°	1962.8	2740.2	6461.7	10181.7	17832.0	25480.7	28599.9
62.5°	1763.6	2481.6	6551.7	10620.2	17809.5	24998.8	27957.4
65°	1593.3	2210.1	6256.1	10300.5	16908.4	23514.7	26686.9
67.5°	1442.4	1938.7	5517.3	9094.3	15287.8	21479.6	25071.1
70°	1333.1	1760.4	4564.8	7369.2	13259.1	19147.4	23199.9
72.5°	1264.1	1675.3	3721.6	5766.2	10759.9	15751.9	19844.5
75°	1169.3	1541.9	2920.1	4296.6	8235.0	12173.3	14989.0
77.5°	992.6	1299.4	2200.5	3101.6	6042.5	8981.8	10424.2
80°	766.2	1003.9	1513.0	2022.2	4158.4	6294.7	7107.4
82.5°	546.1	700.3	917.1	1134.0	2762.7	4389.7	4457.2
85°	337.3	408.0	525.2	642.5	1827.8	3013.2	2510.5
87.5°	181.5	216.8	277.9	337.3	584.7	832.0	478.6
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: P320462

CATALOG NUMBER: GAN-SA8D-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)