

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: P320442

Luminaire Tested: **GAN-SA8B-827-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320442
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-SA8B-827-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 CRI, 2700K, 800mA 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: 29588 lumens
Efficiency: N/A
Efficacy: 88.6 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): 334
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

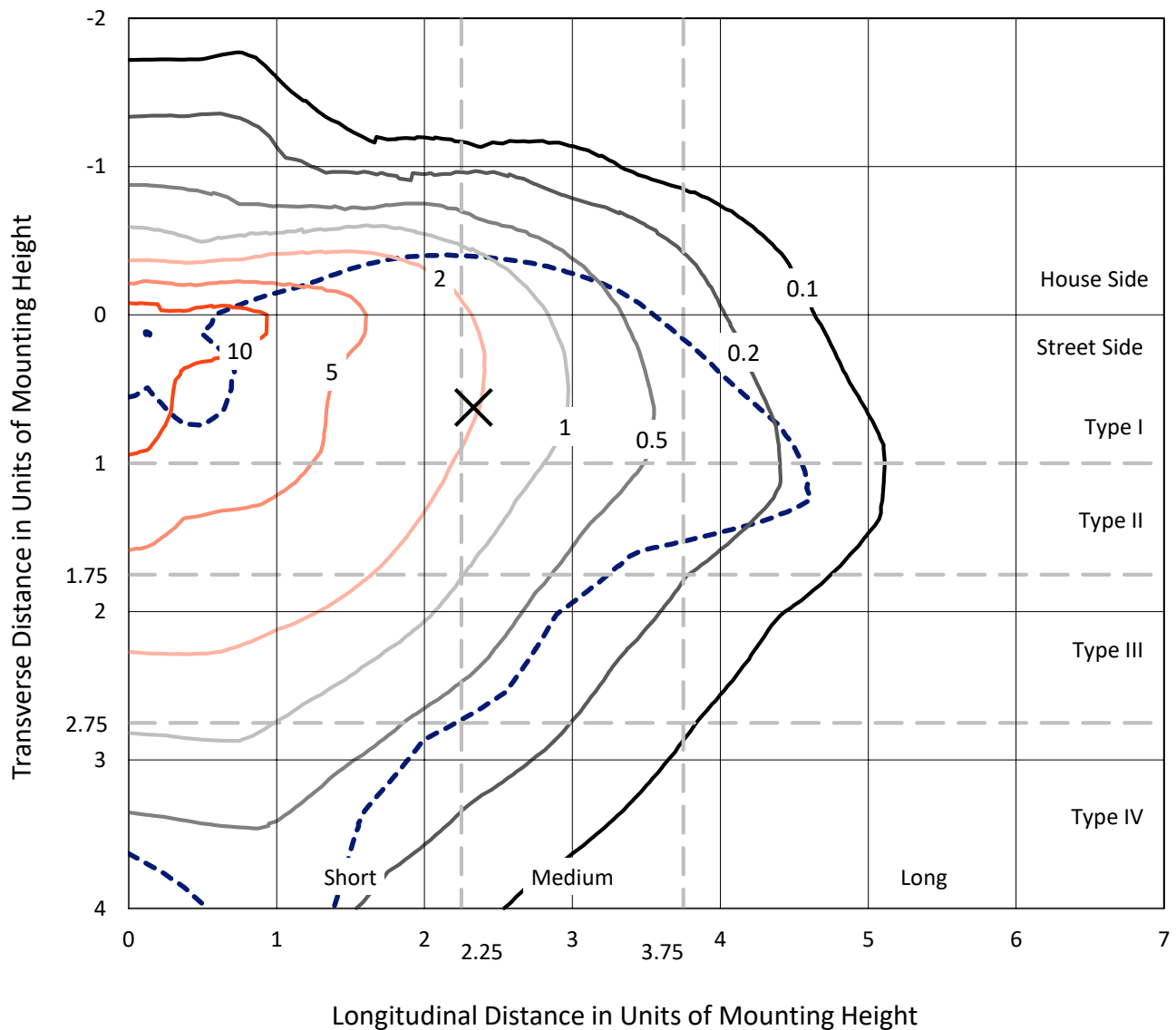


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Iso-Footcandle Lines of Horizontal Illumination

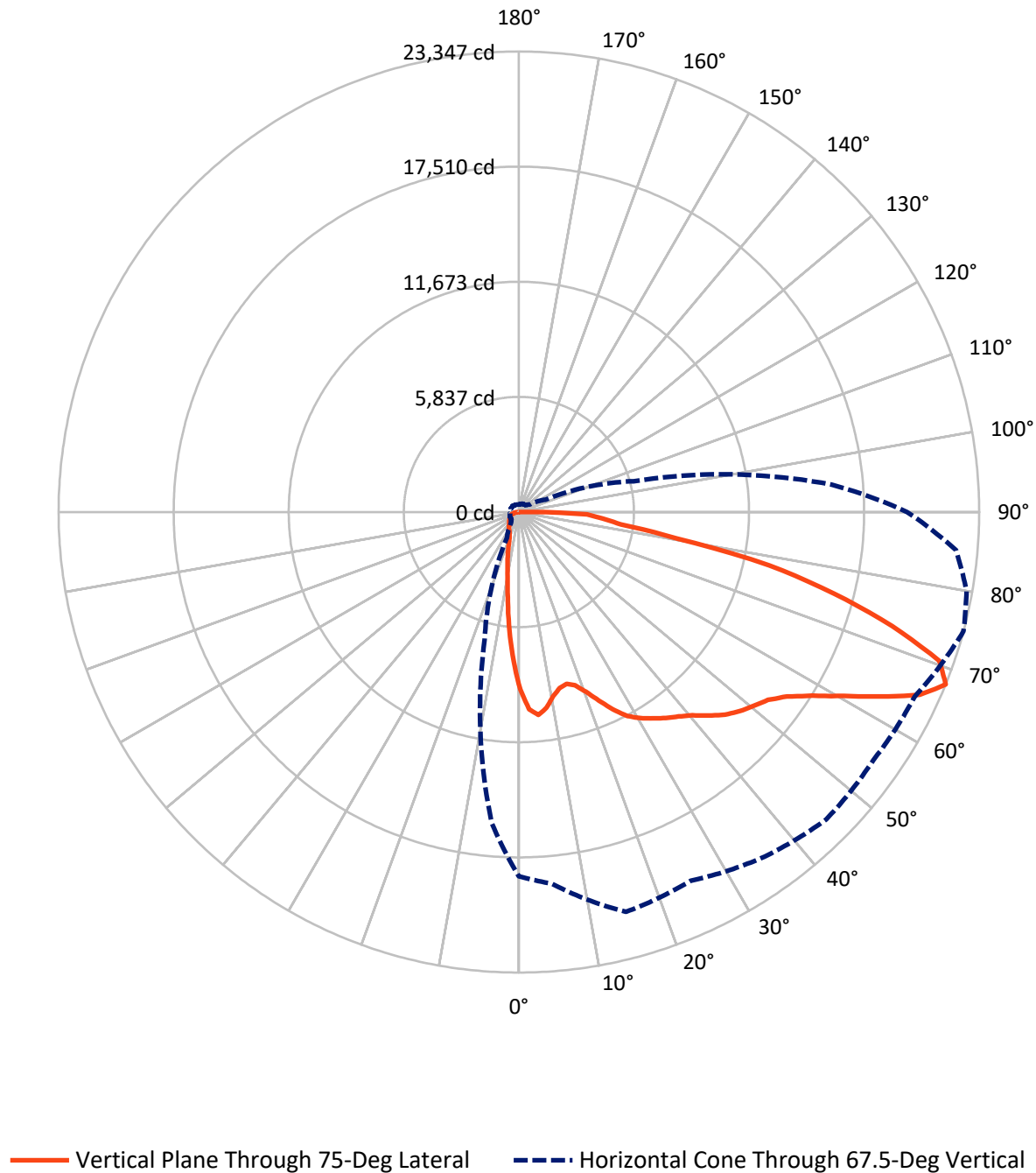
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18.1 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	5211.2	0.0	5211.2
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	24376.8	0.0	24376.8
	% Fixture	82.4	0.0	82.4
Total	Lumens	29588.0	0.0	29588.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	695.7	2.4
10°-20°	1445.2	4.9
20°-30°	2055.4	6.9
30°-40°	2961.8	10.0
40°-50°	4174.1	14.1
50°-60°	5802.7	19.6
60°-70°	7017.2	23.7
70°-80°	4313.4	14.6
80°-90°	1122.4	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°	29588.0	100.0
0°-180°	29588.0	100.0

Coefficient of Utilization



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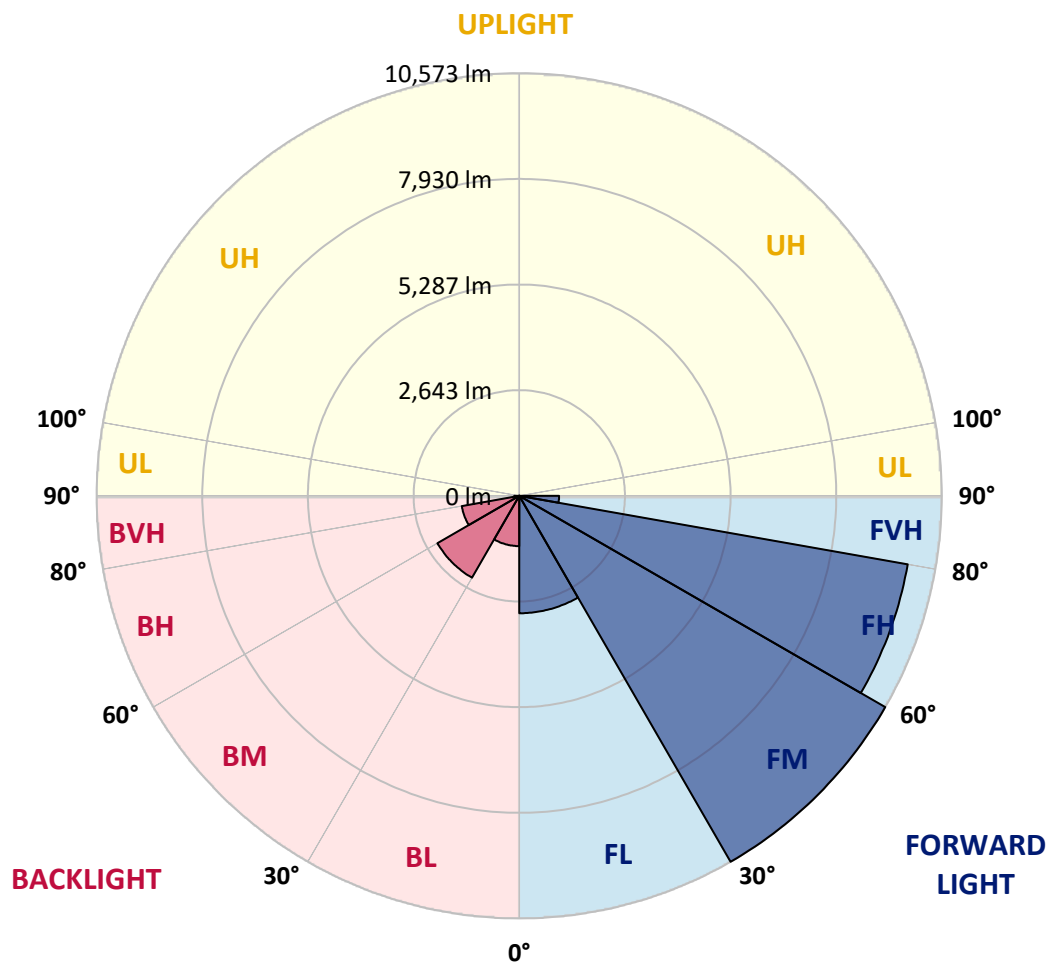
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2937.8	9.9			
FM	(30°-60°)	10573.2	35.7			
FH	(60°-80°)	9869.6	33.4			G4/12000
FVH	(80°-90°)	996.3	3.4			G5
BL	(0°-30°)	1258.6	4.3	B3/2500		
BM	(30°-60°)	2365.5	8.0	B2/2500		
BH	(60°-80°)	1461.0	4.9	B3/2500		G3/2500
BVH	(80°-90°)	126.1	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°	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1
2.5°	9608.0	9734.5	9822.1	9908.4	9975.9	10042.1	10139.1	10236.1	10255.0	10272.8	10234.9
5°	9551.2	9859.9	10122.6	10384.0	10626.5	10869.0	11014.5	11160.0	11189.6	11219.2	11128.1
7.5°	8939.6	9395.0	9850.5	10305.9	10723.5	11141.1	11395.4	11648.6	11706.5	11763.3	11614.3
10°	8244.0	8774.0	9333.5	9893.1	10443.1	10993.2	11361.1	11729.0	11802.3	11875.7	11690.0
12.5°	7715.2	8293.7	8891.1	9488.5	10069.3	10649.0	11029.9	11410.8	11501.9	11593.0	11458.1
15°	7511.8	8145.8	8707.7	9269.6	9775.9	10281.1	10593.4	10904.5	10942.3	10979.0	10957.7
17.5°	7715.2	8414.4	8923.0	9430.5	9706.2	9980.6	10106.0	10230.2	10271.6	10311.8	10366.2
20°	8310.3	9065.0	9423.4	9780.7	9768.8	9755.8	9695.5	9634.0	9623.3	9612.7	9766.5
22.5°	9159.6	10036.2	10179.3	10321.3	9988.9	9656.5	9454.2	9250.7	9210.5	9169.1	9332.3
25°	10156.9	11090.2	11064.2	11037.0	10404.1	9770.0	9384.4	8998.7	8953.8	8908.8	9048.4
27.5°	11241.6	12133.6	11963.2	11792.9	10932.9	10072.9	9513.3	8953.8	8908.8	8863.9	8986.9
30°	12089.8	12898.9	12625.7	12352.4	11378.9	10405.3	9740.5	9075.6	9002.3	8927.8	9079.2
32.5°	12807.9	13496.3	13129.6	12762.9	11740.8	10718.8	9999.5	9280.3	9165.5	9050.8	9253.1
35°	13555.5	14092.6	13576.8	13059.8	12063.8	11066.6	10305.9	9544.1	9403.3	9262.5	9540.5
37.5°	14396.6	14842.5	14102.0	13360.3	12427.0	11493.6	10764.9	10035.0	9890.7	9746.4	10101.3
40°	15285.0	15656.4	14668.7	13680.9	12824.4	11968.0	11400.1	10831.1	10693.9	10555.5	10986.1
42.5°	16062.2	16333.1	15196.2	14059.4	13303.5	12546.4	12146.6	11745.6	11744.4	11742.0	12178.5
45°	16647.7	16883.1	15636.3	14388.3	13770.8	13152.1	12943.9	12735.7	12902.5	13069.3	13464.4
47.5°	17133.9	17293.6	16005.4	14716.0	14305.5	13895.0	13925.8	13956.5	14296.0	14635.5	14889.9
50°	17689.9	17561.0	16340.2	15118.2	14991.6	14865.0	15141.8	15417.5	15807.8	16197.0	16369.7
52.5°	18292.0	17950.2	16794.4	15637.5	15779.4	15921.4	16484.5	17047.6	17441.5	17835.4	17900.5
55°	19374.4	18850.4	17629.6	16407.6	16680.9	16952.9	17779.8	18605.5	18913.1	19220.7	19244.3
57.5°	20594.1	20129.2	18799.5	17469.9	17763.3	18056.6	19011.3	19964.7	20297.2	20628.4	20582.2
60°	21063.7	21086.2	19910.3	18733.3	19029.0	19324.8	20254.6	21184.4	21566.5	21947.4	21845.6
62.5°	20590.5	21145.3	20517.2	19887.9	20156.4	20423.7	21334.6	22245.5	22637.0	23028.6	22851.2
65°	19654.8	20204.9	20486.4	20768.0	20856.7	20945.4	21796.0	22645.3	22945.8	23245.1	23155.2
67.5°	18464.8	18909.5	19948.2	20985.6	20807.0	20628.4	21027.0	21425.7	21734.4	22043.2	21992.3
70°	17086.6	17616.6	19001.8	20387.1	19509.3	18630.4	18465.9	18301.5	18635.1	18967.5	18761.7
72.5°	14615.4	15415.1	16892.6	18368.9	16751.8	15134.7	14572.8	14010.9	14433.2	14855.6	14527.9
75°	11039.3	12100.5	13732.9	15364.2	13434.8	11505.4	10755.4	10005.4	10368.6	10731.8	10507.0
77.5°	7677.4	9008.2	10615.8	12223.5	10262.1	8299.6	7742.4	7184.1	7292.9	7400.6	7362.7
80°	5234.6	6110.0	7231.4	8351.7	7045.7	5739.7	5783.5	5826.1	5775.2	5723.1	5798.8
82.5°	3282.7	3899.0	4764.9	5629.7	4936.5	4243.3	4640.7	5038.2	4843.0	4646.7	4720.0
85°	1849.0	2225.1	3072.1	3917.9	3651.8	3384.4	3617.5	3849.3	3546.5	3243.7	3377.3
87.5°	352.5	586.7	1699.9	2811.9	2552.8	2293.8	1993.3	1692.8	1291.8	890.8	1301.3
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°	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1
2.5°	10197.1	10177.0	10156.9	10084.7	10011.4	9902.5	9812.6	9656.5	9571.3	9442.4	9313.4
5°	11035.8	10908.0	10780.3	10560.2	10339.0	10093.0	9810.3	9496.8	9260.2	8952.6	8645.0
7.5°	11465.2	11167.1	10867.8	10445.5	10022.0	9641.1	9193.9	8777.5	8422.6	8022.8	7623.0
10°	11504.2	11057.1	10608.7	10059.9	9509.8	9047.2	8532.7	8070.1	7644.3	7185.3	6725.1
12.5°	11322.1	10846.5	10369.8	9765.3	9159.6	8634.4	8080.8	7562.6	7090.6	6585.5	6079.2
15°	10936.4	10556.7	10175.8	9609.1	9042.5	8512.5	7975.5	7361.5	6828.0	6311.1	5792.9
17.5°	10419.5	10239.7	10058.7	9649.4	9238.9	8779.9	8259.4	7539.0	6914.4	6352.5	5790.6
20°	9919.1	9985.3	10050.4	9887.1	9723.9	9356.0	8901.7	8092.6	7295.3	6560.7	5824.9
22.5°	9494.4	9812.6	10129.7	10256.2	10381.6	10160.4	9805.5	8869.8	7814.6	6855.2	5895.9
25°	9186.8	9714.4	10242.0	10663.2	11083.1	10984.9	10711.7	9813.8	8503.1	7279.9	6055.6
27.5°	9109.9	9757.0	10404.1	11057.1	11708.9	11800.0	11724.3	10808.7	9324.1	7807.5	6289.8
30°	9230.6	9886.0	10540.1	11335.1	12128.8	12492.0	12593.7	11637.9	10262.1	8422.6	6582.0
32.5°	9455.4	10097.7	10740.1	11606.0	12470.7	13019.6	13343.7	12396.2	10916.3	8886.4	6855.2
35°	9818.5	10419.5	11020.4	11921.8	12823.2	13533.0	14124.5	13179.3	11497.1	9210.5	6922.7
37.5°	10455.0	10971.9	11488.9	12321.7	13153.3	14073.6	14962.0	14041.7	12125.3	9522.8	6919.1
40°	11416.7	11782.2	12146.6	12850.4	13553.1	14711.2	15910.8	15003.4	12819.7	9861.1	6902.5
42.5°	12615.0	12803.1	12990.0	13547.2	14104.4	15377.2	16771.9	15943.9	13482.1	10175.8	6869.4
45°	13858.3	13908.0	13957.7	14309.0	14659.2	15904.8	17358.7	16650.1	14060.6	10449.0	6836.3
47.5°	15143.0	14972.7	14802.3	14941.9	15081.5	16309.4	17777.5	17186.0	14641.4	10751.9	6861.1
50°	16542.5	16068.1	15593.7	15520.4	15447.0	16714.0	18270.8	17867.4	15339.4	11193.1	7046.9
52.5°	17964.4	17182.4	16400.5	16110.7	15819.7	17196.6	18924.9	18715.5	16335.4	11876.9	7417.1
55°	19268.0	18273.1	17278.3	16887.9	16497.5	17934.8	19723.4	19961.2	17611.8	12751.1	7889.1
57.5°	20534.9	19407.6	18280.2	17918.2	17556.2	19019.6	20734.8	21079.1	18901.3	13589.8	8277.1
60°	21743.9	20628.4	19511.7	19221.8	18930.8	20368.1	21827.9	21577.1	19566.1	13982.5	8397.8
62.5°	22673.7	21786.5	20899.3	20746.7	20592.9	21732.1	22667.8	21383.1	19143.8	13595.7	8047.6
65°	23065.3	22560.1	22053.8	22197.0	22338.9	22763.6	22877.2	20815.3	17816.5	12512.1	7207.7
67.5°	21940.3	22043.2	22146.1	22747.1	23346.8	23054.6	22254.9	19696.2	15927.3	10976.6	6026.0
70°	18554.7	19172.2	19788.5	21210.4	22631.1	21982.9	20588.2	17687.6	13653.7	9208.1	4761.4
72.5°	14199.0	14893.4	15586.6	17697.0	19806.2	19208.8	17500.6	14527.9	10947.1	7353.3	3758.3
75°	10281.1	11065.4	11848.5	14176.5	16504.6	15675.3	13090.6	10401.7	8315.0	5613.1	2910.1
77.5°	7323.7	7848.9	8374.1	10673.8	12972.3	11621.4	8713.7	6999.5	5755.1	3901.4	2046.5
80°	5874.6	5713.7	5552.8	6833.9	8115.1	7890.3	5763.4	4495.2	3983.0	2614.3	1245.7
82.5°	4792.2	4399.4	4006.7	4610.0	5213.3	5180.2	3999.6	3298.1	2964.5	1817.0	669.6
85°	3509.8	3352.5	3195.2	3728.7	4262.2	3806.8	2709.0	2096.2	2311.5	1337.9	364.4
87.5°	1711.7	1955.4	2197.9	2827.3	3455.4	2594.2	822.2	406.9	563.1	370.3	176.3
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: P320442
 CATALOG NUMBER: GAN-SA8B-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: P320442

CATALOG NUMBER: GAN-SA8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1
2.5°	9217.6	9120.6	9010.6	8900.6	8775.2	8648.6	8574.1	8498.4	8416.7	8335.1	8242.8
5°	8441.6	8238.1	8007.4	7776.8	7548.4	7320.1	7197.1	7074.1	6944.0	6812.6	6699.1
7.5°	7327.2	7030.3	6710.9	6390.3	6106.4	5821.3	5645.1	5467.6	5306.7	5144.7	5008.6
10°	6346.6	5968.0	5647.4	5325.7	5111.6	4897.4	4735.4	4573.3	4417.2	4259.8	4109.6
12.5°	5700.7	5322.1	5118.6	4915.2	4737.7	4560.3	4373.4	4185.3	3971.2	3755.9	3598.6
15°	5448.7	5104.5	4878.5	4651.4	4413.6	4174.7	3945.2	3715.7	3462.5	3209.4	3030.7
17.5°	5339.9	4889.2	4573.3	4256.3	3942.8	3629.3	3363.1	3097.0	2820.2	2543.4	2362.4
20°	5225.1	4625.4	4201.9	3777.2	3375.0	2972.8	2671.1	2369.5	2122.2	1875.0	1736.6
22.5°	5121.0	4345.0	3813.8	3281.5	2806.0	2330.4	2034.7	1737.8	1586.3	1434.9	1379.3
25°	5078.4	4100.1	3447.1	2794.1	2292.6	1789.8	1579.2	1368.7	1310.7	1251.6	1223.2
27.5°	5085.5	3881.3	3138.4	2394.3	1942.4	1490.5	1346.2	1201.9	1166.4	1129.7	1112.0
30°	5112.7	3643.5	2847.4	2051.2	1678.6	1306.0	1212.5	1117.9	1080.0	1042.2	1019.7
32.5°	5143.5	3430.6	2622.6	1813.5	1509.5	1204.2	1127.4	1049.3	1012.6	975.9	953.5
35°	5090.3	3256.7	2468.8	1681.0	1400.6	1119.1	1054.0	987.8	947.5	907.3	886.0
37.5°	5000.4	3081.6	2349.4	1615.9	1329.6	1042.2	994.9	946.4	905.0	862.4	842.3
40°	4918.7	2933.7	2260.6	1586.3	1290.6	993.7	953.5	913.2	870.7	826.9	803.2
42.5°	4852.5	2834.4	2173.1	1511.8	1255.1	997.2	940.4	882.5	841.1	799.7	773.7
45°	4802.8	2769.3	2104.5	1439.7	1222.0	1004.3	932.2	860.0	818.6	776.0	745.3
47.5°	4798.1	2735.0	2056.0	1377.0	1159.3	940.4	910.9	881.3	821.0	759.5	724.0
50°	4863.1	2679.4	1999.2	1317.8	1099.0	880.1	920.3	959.4	856.5	752.4	707.4
52.5°	4999.2	2581.2	1909.3	1237.4	1025.6	812.7	875.4	936.9	848.2	758.3	700.3
55°	5163.6	2436.9	1773.3	1108.4	928.6	747.6	803.2	857.6	802.0	745.3	675.5
57.5°	5266.5	2254.7	1601.7	948.7	819.8	690.8	722.8	753.5	731.1	708.6	637.6
60°	5205.0	2012.2	1408.9	804.4	724.0	643.5	637.6	630.5	663.6	696.8	615.1
62.5°	4904.5	1761.4	1238.6	715.7	655.4	593.8	580.8	566.6	621.1	674.3	587.9
65°	4397.0	1586.3	1130.9	675.5	608.0	540.6	526.4	512.2	528.8	545.3	505.1
67.5°	3752.3	1478.7	1069.4	660.1	578.5	495.7	479.1	462.5	459.0	455.4	441.2
70°	3087.5	1412.4	1029.2	645.9	546.5	446.0	430.6	415.2	410.5	404.6	393.9
72.5°	2581.2	1404.2	1024.4	644.7	520.5	396.3	382.1	367.9	362.0	354.9	346.6
75°	2113.9	1317.8	972.4	627.0	485.0	341.9	328.9	315.8	311.1	305.2	298.1
77.5°	1568.6	1090.7	817.4	544.2	415.2	286.3	273.3	259.1	257.9	255.5	249.6
80°	1017.3	789.0	584.4	379.7	302.8	224.8	214.1	202.3	203.5	204.7	199.9
82.5°	565.5	460.2	357.3	254.3	207.0	159.7	155.0	149.1	152.6	155.0	149.1
85°	298.1	231.9	191.6	151.4	119.5	87.5	87.5	86.4	91.1	95.8	91.1
87.5°	128.9	81.6	69.8	56.8	31.9	5.9	7.1	7.1	9.5	11.8	10.6
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: P320442
 CATALOG NUMBER: GAN-SA8B-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: P320442

CATALOG NUMBER: GAN-SA8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1
2.5°	8149.4	8063.0	7975.5	7879.7	7897.4	7824.1	7750.7	7704.6	7658.5	7644.3	7630.1
5°	6585.5	6487.3	6388.0	6299.2	6376.1	6324.1	6272.0	6264.9	6256.7	6256.7	6255.5
7.5°	4872.6	4767.3	4660.8	4587.5	4663.2	4653.7	4644.3	4695.2	4746.0	4787.4	4827.6
10°	3959.4	3831.6	3702.7	3593.8	3574.9	3520.5	3464.9	3476.7	3487.4	3532.3	3577.3
12.5°	3441.2	3288.6	3136.0	3008.3	2950.3	2860.4	2769.3	2712.5	2655.7	2661.7	2666.4
15°	2850.9	2703.1	2554.0	2444.0	2407.3	2337.5	2267.7	2196.7	2124.6	2095.0	2064.3
17.5°	2180.2	2061.9	1942.4	1869.1	1869.1	1849.0	1828.8	1793.4	1756.7	1727.1	1696.4
20°	1598.2	1535.5	1471.6	1440.8	1450.3	1451.5	1451.5	1469.2	1487.0	1477.5	1468.0
22.5°	1322.5	1300.1	1277.6	1264.6	1269.3	1270.5	1271.7	1288.2	1303.6	1315.4	1326.1
25°	1193.6	1179.4	1165.2	1160.5	1171.1	1172.3	1172.3	1183.0	1193.6	1205.4	1217.3
27.5°	1093.1	1087.1	1081.2	1072.9	1083.6	1083.6	1082.4	1094.2	1104.9	1115.5	1125.0
30°	997.2	999.6	1000.8	998.4	1005.5	1010.2	1013.8	1022.1	1029.2	1037.5	1045.7
32.5°	929.8	926.3	922.7	920.3	935.7	944.0	952.3	960.6	967.7	971.2	974.8
35°	864.7	856.5	848.2	842.3	856.5	867.1	877.8	893.1	907.3	909.7	912.1
37.5°	821.0	810.3	799.7	792.6	798.5	803.2	808.0	824.5	841.1	850.5	858.8
40°	779.6	768.9	758.3	752.4	755.9	757.1	758.3	766.6	773.7	791.4	808.0
42.5°	746.4	733.4	720.4	713.3	715.7	718.1	719.2	718.1	716.9	733.4	750.0
45°	713.3	699.1	684.9	676.7	677.8	677.8	677.8	675.5	671.9	680.2	688.5
47.5°	687.3	670.7	654.2	645.9	643.5	641.2	638.8	637.6	635.2	641.2	645.9
50°	661.3	643.5	624.6	615.1	609.2	606.9	604.5	603.3	600.9	606.9	611.6
52.5°	641.2	619.9	598.6	583.2	577.3	573.7	570.2	571.4	571.4	573.7	574.9
55°	605.7	586.7	566.6	556.0	545.3	543.0	540.6	544.2	546.5	546.5	546.5
57.5°	566.6	548.9	530.0	522.9	513.4	513.4	512.2	517.0	520.5	522.9	525.2
60°	532.3	512.2	492.1	486.2	482.6	481.5	480.3	486.2	490.9	495.7	500.4
62.5°	500.4	479.1	457.8	450.7	449.5	450.7	450.7	456.6	461.4	466.1	470.8
65°	464.9	443.6	421.1	414.0	416.4	419.9	423.5	428.2	431.8	436.5	441.2
67.5°	425.9	408.1	389.2	382.1	383.3	388.0	392.7	396.3	398.7	403.4	408.1
70°	383.3	367.9	352.5	347.8	346.6	352.5	357.3	359.6	362.0	367.9	372.6
72.5°	337.1	324.1	311.1	307.6	308.8	312.3	315.8	319.4	321.8	327.7	332.4
75°	289.8	278.0	266.2	263.8	266.2	269.7	273.3	275.6	278.0	285.1	291.0
77.5°	243.7	230.7	216.5	215.3	218.8	222.4	224.8	228.3	231.9	241.3	250.8
80°	195.2	181.0	165.6	164.4	168.0	171.5	175.1	178.6	182.2	194.0	204.7
82.5°	143.1	126.6	110.0	107.6	119.5	123.0	126.6	132.5	137.2	147.9	158.5
85°	86.4	69.8	53.2	52.1	62.7	68.6	74.5	81.6	87.5	97.0	106.5
87.5°	9.5	4.7	0.0	0.0	1.2	5.9	10.6	16.6	22.5	31.9	40.2
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: P320442
 CATALOG NUMBER: GAN-SA8B-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: P320442

CATALOG NUMBER: GAN-SA8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1
2.5°	7578.0	7524.8	7579.2	7632.4	7654.9	7677.4	7619.4	7560.3	7652.5	7743.6	7767.3
5°	6208.2	6159.7	6196.3	6231.8	6152.6	6073.3	6065.0	6055.6	6124.2	6192.8	6203.4
7.5°	4812.3	4796.9	4831.2	4865.5	4764.9	4663.2	4613.5	4563.8	4580.4	4597.0	4594.6
10°	3587.9	3597.4	3640.0	3681.4	3603.3	3525.2	3490.9	3456.6	3494.5	3531.1	3565.4
12.5°	2687.7	2707.8	2752.7	2796.5	2764.6	2731.4	2735.0	2738.5	2782.3	2824.9	2862.8
15°	2087.9	2111.6	2143.5	2174.3	2175.5	2175.5	2206.2	2235.8	2232.2	2228.7	2254.7
17.5°	1728.3	1759.1	1762.6	1766.2	1767.3	1768.5	1766.2	1763.8	1746.0	1728.3	1748.4
20°	1479.9	1490.5	1500.0	1508.3	1497.6	1485.8	1456.2	1426.6	1414.8	1403.0	1421.9
22.5°	1346.2	1365.1	1355.7	1345.0	1323.7	1301.3	1278.8	1255.1	1253.9	1251.6	1262.2
25°	1233.8	1249.2	1232.6	1216.1	1200.7	1185.3	1169.9	1154.6	1153.4	1152.2	1156.9
27.5°	1140.4	1154.6	1139.2	1123.8	1110.8	1097.8	1086.0	1074.1	1071.8	1069.4	1070.6
30°	1059.9	1072.9	1059.9	1045.7	1036.3	1025.6	1017.3	1009.1	1007.9	1006.7	1006.7
32.5°	987.8	1000.8	991.3	981.9	973.6	965.3	959.4	953.5	947.5	941.6	928.6
35°	925.1	938.1	932.2	925.1	915.6	906.1	895.5	883.7	868.3	851.7	844.6
37.5°	871.8	884.9	878.9	873.0	860.0	847.0	828.1	808.0	803.2	797.3	796.1
40°	829.3	849.4	837.5	824.5	804.4	784.3	774.8	765.4	763.0	760.6	758.3
42.5°	781.9	812.7	791.4	770.1	751.2	732.2	729.9	727.5	726.3	725.2	725.2
45°	722.8	755.9	734.6	712.1	701.5	690.8	690.8	690.8	692.0	692.0	694.4
47.5°	667.2	687.3	676.7	666.0	660.1	654.2	655.4	656.5	660.1	662.5	668.4
50°	619.9	627.0	629.3	630.5	627.0	623.4	625.8	627.0	630.5	632.9	637.6
52.5°	585.6	596.2	596.2	595.0	595.0	595.0	597.4	599.8	603.3	606.9	611.6
55°	563.1	578.5	573.7	569.0	570.2	570.2	572.6	574.9	578.5	580.8	587.9
57.5°	541.8	558.4	553.6	548.9	548.9	548.9	550.1	551.3	554.8	557.2	561.9
60°	517.0	533.5	528.8	522.9	524.0	525.2	526.4	526.4	528.8	530.0	530.0
62.5°	487.4	503.9	499.2	493.3	496.8	499.2	499.2	499.2	501.6	502.8	499.2
65°	456.6	472.0	467.3	462.5	467.3	470.8	473.2	474.4	473.2	472.0	468.5
67.5°	423.5	438.9	434.1	428.2	434.1	438.9	443.6	447.2	443.6	440.1	435.3
70°	388.0	403.4	397.5	391.6	397.5	403.4	408.1	412.9	408.1	403.4	402.2
72.5°	350.2	367.9	360.8	353.7	360.8	367.9	370.3	372.6	369.1	365.5	363.2
75°	308.8	326.5	320.6	313.5	319.4	325.3	326.5	327.7	327.7	326.5	319.4
77.5°	265.0	279.2	275.6	272.1	275.6	279.2	279.2	279.2	280.4	280.4	270.9
80°	212.9	221.2	222.4	223.6	224.8	225.9	224.8	223.6	221.2	218.8	212.9
82.5°	158.5	158.5	168.0	176.3	176.3	175.1	173.9	171.5	166.8	160.9	147.9
85°	100.6	94.6	110.0	124.2	124.2	123.0	120.7	117.1	107.6	97.0	86.4
87.5°	34.3	28.4	43.8	59.1	60.3	60.3	58.0	55.6	46.1	35.5	27.2
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):

	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: P320442

CATALOG NUMBER: GAN-SA8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1
2.5°	7802.8	7818.2	7832.4	7948.3	8063.0	8197.9	8332.7	8435.7	8537.4	8642.7	8748.0
5°	6240.1	6259.0	6277.9	6418.7	6558.3	6746.4	6934.5	7096.6	7258.6	7449.1	7639.5
7.5°	4625.4	4666.8	4707.0	4857.2	5006.3	5208.6	5409.7	5621.4	5832.0	6080.4	6328.8
10°	3632.9	3710.9	3787.8	3941.6	4095.4	4295.3	4494.0	4715.3	4936.5	5181.3	5425.0
12.5°	2940.8	3044.9	3147.8	3332.4	3516.9	3755.9	3993.7	4239.7	4484.6	4699.9	4915.2
15°	2323.3	2436.9	2549.3	2744.5	2939.6	3202.3	3463.7	3732.2	3999.6	4257.5	4515.3
17.5°	1812.3	1905.7	1998.0	2163.6	2328.1	2582.4	2836.7	3118.3	3399.8	3714.5	4028.0
20°	1462.1	1501.2	1540.2	1659.7	1778.0	1985.0	2190.8	2478.3	2765.8	3141.9	3518.1
22.5°	1281.1	1301.3	1320.2	1378.1	1434.9	1568.6	1701.1	1955.4	2208.6	2619.1	3028.4
25°	1172.3	1187.7	1203.1	1240.9	1278.8	1342.7	1406.5	1585.2	1763.8	2167.2	2569.4
27.5°	1074.1	1097.8	1120.3	1138.0	1154.6	1198.3	1240.9	1358.0	1475.1	1851.3	2226.3
30°	1003.1	1011.4	1019.7	1046.9	1072.9	1117.9	1162.8	1244.5	1326.1	1644.3	1961.3
32.5°	920.3	932.2	944.0	972.4	1000.8	1042.2	1083.6	1149.8	1214.9	1487.0	1757.9
35°	845.8	857.6	869.5	897.9	925.1	970.0	1013.8	1069.4	1123.8	1360.4	1597.0
37.5°	799.7	811.5	823.3	848.2	871.8	916.8	960.6	1004.3	1046.9	1265.8	1484.6
40°	760.6	772.5	784.3	808.0	830.4	874.2	916.8	953.5	990.1	1194.8	1399.4
42.5°	726.3	739.3	752.4	776.0	798.5	837.5	876.6	925.1	972.4	1133.3	1293.0
45°	697.9	711.0	722.8	748.8	774.8	812.7	850.5	918.0	985.4	1101.3	1217.3
47.5°	671.9	686.1	699.1	727.5	755.9	803.2	849.4	906.1	961.7	1076.5	1191.2
50°	647.1	663.6	680.2	714.5	747.6	826.9	905.0	913.2	920.3	1056.4	1191.2
52.5°	623.4	642.3	661.3	703.9	745.3	837.5	929.8	900.2	869.5	1018.5	1167.6
55°	599.8	616.3	631.7	683.7	735.8	803.2	870.7	831.6	791.4	947.5	1103.7
57.5°	567.8	585.6	602.1	657.7	713.3	760.6	806.8	771.3	734.6	867.1	998.4
60°	534.7	554.8	574.9	645.9	715.7	707.4	697.9	690.8	682.6	777.2	871.8
62.5°	505.1	526.4	547.7	640.0	732.2	675.5	618.7	624.6	629.3	699.1	768.9
65°	475.5	496.8	517.0	563.1	609.2	586.7	564.3	573.7	582.0	650.6	719.2
67.5°	442.4	461.4	479.1	494.5	509.9	512.2	514.6	524.0	533.5	615.1	695.6
70°	405.8	421.1	436.5	447.2	456.6	461.4	464.9	476.7	488.6	577.3	666.0
72.5°	364.4	377.4	389.2	398.7	408.1	411.7	414.0	425.9	437.7	532.3	627.0
75°	319.4	330.0	339.5	347.8	356.1	360.8	365.5	373.8	382.1	485.0	586.7
77.5°	269.7	280.4	289.8	296.9	302.8	307.6	311.1	321.8	332.4	418.8	503.9
80°	210.6	223.6	235.4	241.3	246.1	247.2	247.2	256.7	266.2	327.7	388.0
82.5°	149.1	163.2	176.3	181.0	185.7	185.7	185.7	196.4	207.0	248.4	288.6
85°	87.5	102.9	117.1	121.8	126.6	128.9	130.1	134.9	138.4	168.0	196.4
87.5°	27.2	40.2	52.1	54.4	56.8	61.5	66.2	67.4	67.4	87.5	107.6
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: P320442
 CATALOG NUMBER: GAN-SA8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P320442

CATALOG NUMBER: GAN-SA8B-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1	9014.1
2.5°	8868.6	8989.3	9130.1	9269.6	9389.1	9508.6	9608.0
5°	7882.0	8124.5	8421.5	8717.2	8981.0	9244.8	9551.2
7.5°	6642.3	6955.8	7340.2	7724.7	8097.3	8468.8	8939.6
10°	5744.4	6062.6	6469.6	6875.3	7294.1	7711.7	8244.0
12.5°	5174.2	5432.1	5826.1	6220.0	6712.1	7203.0	7715.2
15°	4798.1	5079.6	5462.9	5846.2	6384.4	6922.7	7511.8
17.5°	4397.0	4764.9	5255.9	5746.8	6384.4	7020.8	7715.2
20°	3977.1	4434.9	5071.3	5707.8	6566.6	7424.2	8310.3
22.5°	3558.3	4088.3	4904.5	5719.6	6842.2	7963.7	9159.6
25°	3181.0	3792.6	4802.8	5811.9	7243.2	8673.4	10156.9
27.5°	2894.7	3561.9	4761.4	5959.7	7751.9	9544.1	11241.6
30°	2640.4	3319.4	4711.7	6104.1	8241.7	10378.1	12089.8
32.5°	2420.3	3082.8	4615.9	6147.8	8583.5	11019.2	12807.9
35°	2247.6	2898.2	4455.0	6011.8	8797.6	11583.5	13555.5
37.5°	2098.6	2712.5	4271.7	5830.8	8988.1	12145.4	14396.6
40°	1956.6	2513.8	4114.3	5713.7	9250.7	12787.8	15285.0
42.5°	1821.8	2350.5	3987.7	5625.0	9494.4	13362.7	16062.2
45°	1721.2	2225.1	3875.4	5524.4	9651.7	13779.1	16647.7
47.5°	1671.5	2150.6	3815.0	5478.3	9809.1	14138.7	17133.9
50°	1664.4	2137.6	3883.6	5629.7	10149.8	14668.7	17689.9
52.5°	1663.2	2158.9	4081.2	6003.5	10782.6	15560.6	18292.0
55°	1638.4	2171.9	4316.6	6460.1	11632.0	16802.7	19374.4
57.5°	1562.7	2127.0	4559.1	6990.1	12529.9	18068.5	20594.1
60°	1445.6	2018.1	4759.0	7498.8	13133.2	18766.4	21063.7
62.5°	1298.9	1827.7	4825.3	7821.7	13116.6	18411.5	20590.5
65°	1173.5	1627.7	4607.6	7586.3	12453.0	17318.5	19654.8
67.5°	1062.3	1427.8	4063.5	6697.9	11259.4	15819.7	18464.8
70°	981.9	1296.5	3362.0	5427.4	9765.3	14102.0	17086.6
72.5°	931.0	1233.8	2740.9	4246.8	7924.6	11601.2	14615.4
75°	861.2	1135.6	2150.6	3164.4	6065.0	8965.6	11039.3
77.5°	731.1	957.0	1620.6	2284.3	4450.3	6615.1	7677.4
80°	564.3	739.3	1114.3	1489.3	3062.7	4636.0	5234.6
82.5°	402.2	515.8	675.5	835.2	2034.7	3233.0	3282.7
85°	248.4	300.5	386.8	473.2	1346.2	2219.2	1849.0
87.5°	133.7	159.7	204.7	248.4	430.6	612.8	352.5
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: P320442
 CATALOG NUMBER: GAN-SA8B-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)