

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: P320483

Luminaire Tested: **GAN-SA9B-830-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320483
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-SA9B-830-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 80 CRI, 3000K, 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: 35678 lumens
Efficiency: N/A
Efficacy: 95.4 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

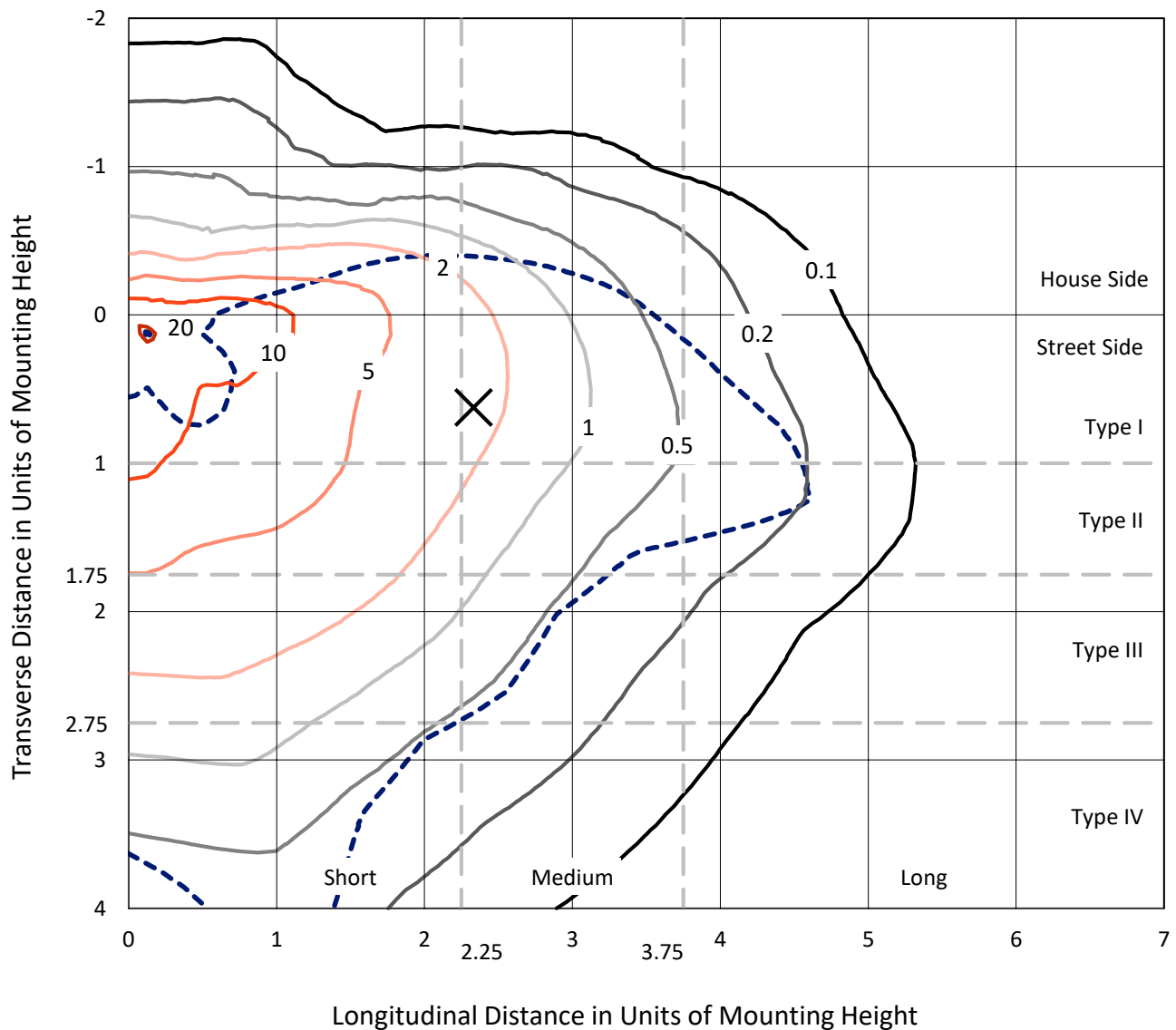
Input Watts (W): 374
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

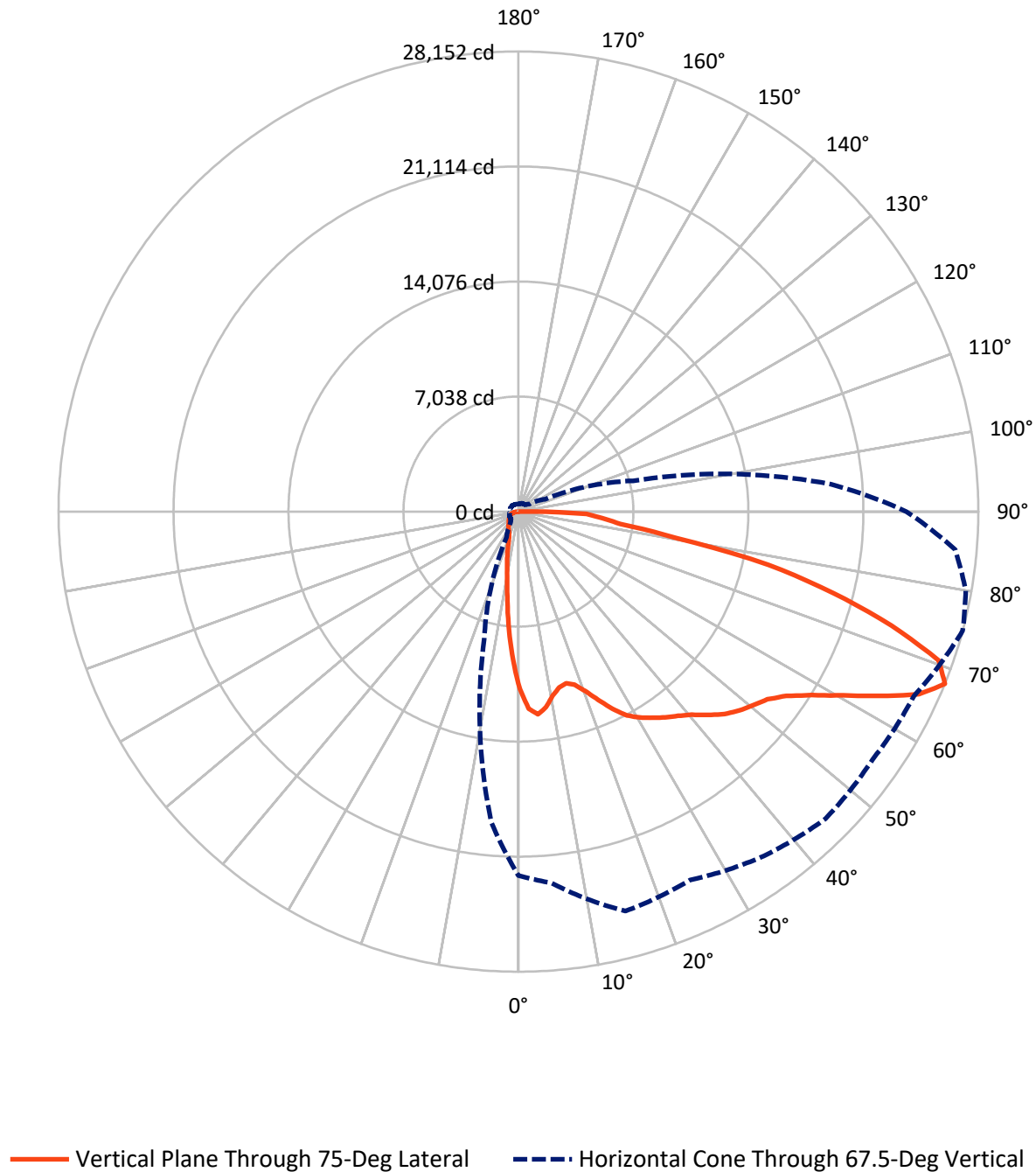
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.9 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	6283.8	0.0	6283.8
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	29394.2	0.0	29394.2
	% Fixture	82.4	0.0	82.4
Total	Lumens	35678.0	0.0	35678.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	838.9	2.4
10°-20°	1742.7	4.9
20°-30°	2478.5	6.9
30°-40°	3571.5	10.0
40°-50°	5033.2	14.1
50°-60°	6997.1	19.6
60°-70°	8461.5	23.7
70°-80°	5201.2	14.6
80°-90°	1353.4	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°	35678.0	100.0
0°-180°	35678.0	100.0

Coefficient of Utilization



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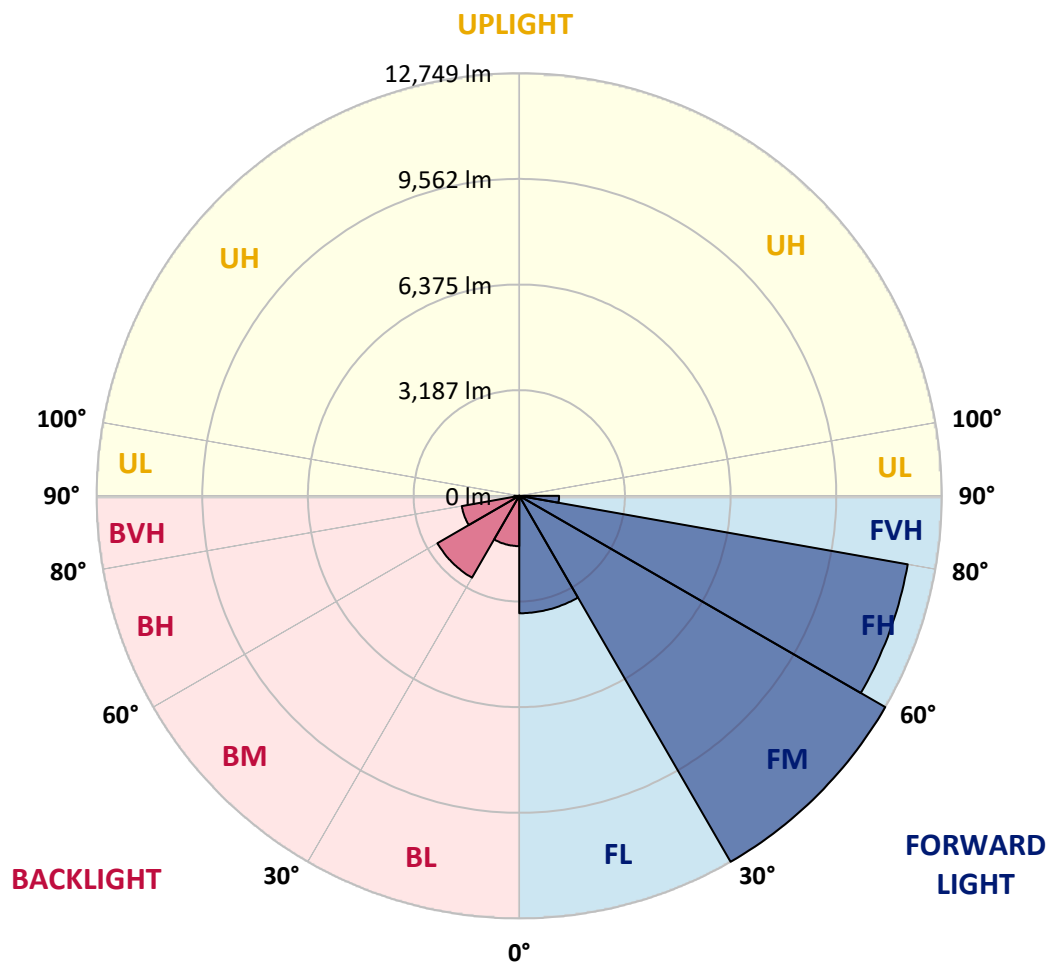
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3542.5	9.9			
FM	(30°-60°)	12749.4	35.7			
FH	(60°-80°)	11901.0	33.4			G4/12000
FVH	(80°-90°)	1201.4	3.4			G5
BL	(0°-30°)	1517.6	4.3	B3/2500		
BM	(30°-60°)	2852.4	8.0	B3/5000		
BH	(60°-80°)	1761.7	4.9	B3/2500		G3/2500
BVH	(80°-90°)	152.1	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°	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5
2.5°	11585.5	11738.2	11843.7	11947.9	12029.2	12109.0	12226.0	12343.0	12365.8	12387.2	12341.6
5°	11517.1	11889.4	12206.0	12521.3	12813.7	13106.1	13281.6	13457.0	13492.7	13528.4	13418.5
7.5°	10779.6	11328.8	11878.0	12427.1	12930.7	13434.2	13740.9	14046.2	14116.0	14184.5	14004.8
10°	9940.9	10579.9	11254.6	11929.3	12592.6	13255.9	13699.5	14143.1	14231.6	14320.0	14096.1
12.5°	9303.2	10000.8	10721.1	11441.5	12141.9	12840.8	13300.1	13759.4	13869.3	13979.1	13816.5
15°	9057.9	9822.5	10500.0	11177.6	11788.1	12397.2	12773.8	13148.9	13194.6	13238.8	13213.1
17.5°	9303.2	10146.3	10759.6	11371.6	11703.9	12034.9	12186.1	12335.8	12385.8	12434.3	12499.9
20°	10020.7	10930.8	11363.0	11793.8	11779.5	11763.8	11691.1	11616.9	11604.1	11591.2	11776.7
22.5°	11044.9	12101.9	12274.5	12445.7	12044.9	11644.0	11400.1	11154.8	11106.3	11056.3	11253.2
25°	12247.4	13372.9	13341.5	13308.7	12545.5	11781.0	11315.9	10850.9	10796.7	10742.5	10910.8
27.5°	13555.5	14631.0	14425.6	14220.2	13183.2	12146.1	11471.4	10796.7	10742.5	10688.3	10836.7
30°	14578.2	15553.9	15224.4	14894.9	13720.9	12547.0	11745.3	10943.6	10855.2	10765.3	10947.9
32.5°	15444.1	16274.2	15832.1	15389.9	14157.4	12925.0	12057.7	11190.4	11052.1	10913.7	11157.6
35°	16345.6	16993.2	16371.2	15747.9	14546.8	13344.3	12427.1	11508.5	11338.8	11169.0	11504.2
37.5°	17359.8	17897.5	17004.6	16110.2	14984.7	13859.3	12980.6	12100.5	11926.5	11752.4	12180.4
40°	18431.0	18878.9	17687.9	16496.8	15464.0	14431.3	13746.6	13060.5	12895.0	12728.1	13247.3
42.5°	19368.2	19694.9	18324.0	16953.2	16041.7	15128.8	14646.7	14163.1	14161.7	14158.8	14685.2
45°	20074.3	20358.1	18854.7	17349.8	16605.2	15859.2	15608.1	15357.0	15558.2	15759.3	16235.7
47.5°	20660.6	20853.1	19299.7	17744.9	17249.9	16755.0	16792.0	16829.1	17238.5	17647.9	17954.6
50°	21331.0	21175.5	19703.4	18229.9	18077.3	17924.6	18258.4	18590.8	19061.5	19530.8	19739.1
52.5°	22057.0	21644.8	20251.2	18856.1	19027.3	19198.5	19877.4	20556.4	21031.4	21506.4	21584.9
55°	23362.2	22730.3	21258.2	19784.7	20114.2	20442.3	21439.4	22435.0	22805.9	23176.8	23205.3
57.5°	24832.9	24272.3	22669.0	21065.7	21419.4	21773.2	22924.3	24074.0	24474.9	24874.3	24818.6
60°	25399.2	25426.3	24008.4	22589.1	22945.7	23302.3	24423.5	25544.7	26005.4	26464.7	26342.1
62.5°	24828.6	25497.6	24740.2	23981.3	24305.1	24627.5	25725.8	26824.2	27296.3	27768.5	27554.5
65°	23700.3	24363.6	24703.1	25042.6	25149.6	25256.5	26282.1	27306.3	27668.6	28029.5	27921.1
67.5°	22265.3	22801.6	24054.1	25305.0	25089.6	24874.3	25355.0	25835.7	26208.0	26580.3	26518.9
70°	20603.5	21242.5	22912.9	24583.3	23524.8	22465.0	22266.7	22068.4	22470.7	22871.5	22623.3
72.5°	17623.7	18587.9	20369.6	22149.8	20199.8	18249.9	17572.3	16894.8	17404.0	17913.2	17518.1
75°	13311.5	14591.1	16559.5	18526.6	16200.1	13873.6	12969.2	12064.8	12502.7	12940.7	12669.6
77.5°	9257.6	10862.3	12800.9	14739.4	12374.4	10007.9	9336.0	8662.8	8794.0	8923.8	8878.2
80°	6312.0	7367.6	8719.8	10070.7	8495.9	6921.1	6973.9	7025.2	6963.9	6901.1	6992.4
82.5°	3958.4	4701.5	5745.7	6788.4	5952.5	5116.6	5595.9	6075.2	5839.8	5603.1	5691.5
85°	2229.5	2683.1	3704.5	4724.4	4403.4	4081.0	4362.1	4641.6	4276.5	3911.3	4072.5
87.5°	425.1	707.5	2049.8	3390.6	3078.3	2765.9	2403.6	2041.2	1557.7	1074.1	1569.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5
2.5°	12295.9	12271.7	12247.4	12160.4	12072.0	11940.7	11832.3	11644.0	11541.3	11385.8	11230.4
5°	13307.3	13153.2	12999.1	12733.8	12467.1	12170.4	11829.5	11451.5	11166.2	10795.3	10424.4
7.5°	13825.1	13465.6	13104.7	12595.5	12084.8	11625.5	11086.3	10584.2	10156.3	9674.1	9192.0
10°	13872.1	13332.9	12792.3	12130.4	11467.1	10909.4	10288.9	9731.2	9217.7	8664.2	8109.3
12.5°	13652.5	13079.0	12504.2	11775.3	11044.9	10411.6	9744.0	9119.2	8550.1	7941.0	7330.5
15°	13187.4	12729.5	12270.2	11587.0	10903.7	10264.7	9617.1	8876.7	8233.4	7610.1	6985.3
17.5°	12564.1	12347.3	12129.0	11635.5	11140.5	10587.0	9959.4	9090.7	8337.5	7660.0	6982.4
20°	11960.7	12040.6	12119.0	11922.2	11725.3	11281.7	10734.0	9758.3	8796.9	7911.0	7023.8
22.5°	11448.6	11832.3	12214.6	12367.2	12518.4	12251.7	11823.8	10695.4	9423.1	8266.2	7109.4
25°	11077.7	11713.9	12350.1	12857.9	13364.3	13245.9	12916.4	11833.7	10253.2	8778.3	7301.9
27.5°	10985.0	11765.3	12545.5	13332.9	14118.9	14228.7	14137.4	13033.4	11243.2	9414.5	7584.4
30°	11130.5	11920.8	12709.6	13668.1	14625.3	15063.2	15185.9	14033.3	12374.4	10156.3	7936.7
32.5°	11401.5	12176.1	12950.6	13994.8	15037.5	15699.4	16090.2	14947.7	13163.2	10715.4	8266.2
35°	11839.4	12564.1	13288.7	14375.7	15462.6	16318.5	17031.7	15892.0	13863.6	11106.3	8347.5
37.5°	12606.9	13230.2	13853.6	14857.8	15860.6	16970.4	18041.6	16931.8	14621.0	11482.8	8343.2
40°	13766.6	14207.3	14646.7	15495.4	16342.7	17739.2	19185.6	18091.5	15458.3	11890.8	8323.3
42.5°	15211.6	15438.4	15663.7	16335.6	17007.4	18542.3	20224.1	19225.6	16257.1	12270.2	8283.3
45°	16710.7	16770.7	16830.6	17254.2	17676.4	19178.5	20931.6	20077.1	16954.7	12599.7	8243.4
47.5°	18259.9	18054.4	17849.0	18017.4	18185.7	19666.3	21436.5	20723.3	17655.0	12964.9	8273.3
50°	19947.3	19375.3	18803.3	18714.9	18626.4	20154.2	22031.4	21544.9	18496.6	13497.0	8497.3
52.5°	21661.9	20719.0	19776.2	19426.7	19075.8	20736.2	22820.2	22567.7	19697.7	14321.5	8943.8
55°	23233.8	22034.2	20834.6	20363.9	19893.1	21626.3	23783.0	24069.7	21236.8	15375.6	9512.9
57.5°	24761.6	23402.2	22042.8	21606.3	21169.8	22934.3	25002.6	25417.7	22791.7	16386.9	9980.8
60°	26219.4	24874.3	23527.7	23178.2	22827.3	24560.4	26320.7	26018.3	23593.3	16860.5	10126.3
62.5°	27340.6	26270.7	25200.9	25016.9	24831.5	26205.1	27333.4	25784.3	23084.1	16394.1	9704.1
65°	27812.7	27203.6	26593.1	26765.7	26936.9	27449.0	27585.9	25099.6	21483.6	15087.5	8691.3
67.5°	26456.2	26580.3	26704.4	27429.0	28152.2	27799.9	26835.6	23750.2	19205.6	13235.9	7266.3
70°	22373.7	23118.3	23861.5	25576.1	27289.2	26507.5	24825.8	21328.1	16464.0	11103.4	5741.4
72.5°	17121.6	17958.9	18794.8	21339.5	23882.9	23162.5	21102.7	17518.1	13200.3	8866.7	4531.8
75°	12397.2	13342.9	14287.2	17094.5	19901.7	18901.8	15785.0	12542.7	10026.4	6768.5	3509.0
77.5°	8831.1	9464.4	10097.8	12870.8	15642.3	14013.3	10507.2	8440.2	6939.6	4704.4	2467.7
80°	7083.7	6889.7	6695.7	8240.5	9785.4	9514.4	6949.6	5420.5	4802.8	3152.4	1502.0
82.5°	5778.5	5304.9	4831.4	5558.8	6286.3	6246.4	4822.8	3976.9	3574.7	2191.0	807.4
85°	4232.2	4042.5	3852.8	4496.1	5139.5	4590.3	3266.5	2527.7	2787.3	1613.3	439.3
87.5°	2064.1	2357.9	2650.3	3409.2	4166.6	3128.2	991.4	490.7	679.0	446.5	212.5
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: P320483
 CATALOG NUMBER: GAN-SA9B-830-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: P320483

CATALOG NUMBER: GAN-SA9B-830-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5
2.5°	11114.8	10997.8	10865.2	10732.5	10581.3	10428.7	10338.8	10247.5	10149.1	10050.7	9939.4
5°	10179.1	9933.7	9655.6	9377.4	9102.1	8826.8	8678.5	8530.1	8373.2	8214.9	8077.9
7.5°	8835.4	8477.3	8092.2	7705.6	7363.3	7019.5	6807.0	6593.0	6399.0	6203.6	6039.5
10°	7652.8	7196.4	6809.8	6421.8	6163.6	5905.5	5710.0	5514.6	5326.3	5136.6	4955.5
12.5°	6874.0	6417.6	6172.2	5926.9	5712.9	5498.9	5273.5	5046.7	4788.6	4528.9	4339.2
15°	6570.2	6155.1	5882.6	5608.8	5322.0	5033.9	4757.2	4480.4	4175.2	3869.9	3654.5
17.5°	6438.9	5895.5	5514.6	5132.3	4754.3	4376.3	4055.4	3734.4	3400.6	3066.8	2848.6
20°	6300.6	5577.4	5066.7	4554.6	4069.6	3584.6	3220.9	2857.2	2559.0	2260.9	2094.0
22.5°	6175.1	5239.3	4598.8	3956.9	3383.5	2810.1	2453.5	2095.4	1912.9	1730.3	1663.2
25°	6123.7	4944.0	4156.6	3369.3	2764.4	2158.2	1904.3	1650.4	1580.5	1509.2	1474.9
27.5°	6132.3	4680.1	3784.3	2887.1	2342.2	1797.3	1623.3	1449.3	1406.5	1362.2	1340.9
30°	6165.1	4393.4	3433.4	2473.4	2024.1	1574.8	1462.1	1348.0	1302.3	1256.7	1229.6
32.5°	6202.2	4136.7	3162.4	2186.7	1820.1	1452.1	1359.4	1265.3	1221.0	1176.8	1149.7
35°	6138.0	3927.0	2977.0	2027.0	1688.9	1349.4	1271.0	1191.1	1142.6	1094.1	1068.4
37.5°	6029.6	3715.9	2832.9	1948.5	1603.3	1256.7	1199.6	1141.2	1091.2	1039.9	1015.6
40°	5931.1	3537.6	2725.9	1912.9	1556.2	1198.2	1149.7	1101.2	1049.9	997.1	968.6
42.5°	5851.3	3417.7	2620.4	1823.0	1513.5	1202.5	1134.0	1064.1	1014.2	964.3	932.9
45°	5791.3	3339.3	2537.6	1736.0	1473.5	1211.0	1124.0	1037.0	987.1	935.7	898.7
47.5°	5785.6	3297.9	2479.2	1660.4	1397.9	1134.0	1098.4	1062.7	989.9	915.8	873.0
50°	5864.1	3230.9	2410.7	1589.1	1325.2	1061.3	1109.8	1156.8	1032.7	907.2	853.0
52.5°	6028.1	3112.5	2302.3	1492.1	1236.7	980.0	1055.6	1129.7	1022.8	914.3	844.5
55°	6226.4	2938.5	2138.2	1336.6	1119.8	901.5	968.6	1034.2	967.1	898.7	814.5
57.5°	6350.5	2718.8	1931.4	1144.0	988.5	833.0	871.6	908.6	881.5	854.4	768.9
60°	6276.3	2426.4	1698.9	970.0	873.0	776.0	768.9	760.3	800.2	840.2	741.7
62.5°	5914.0	2124.0	1493.5	863.0	790.2	716.1	700.4	683.3	748.9	813.1	708.9
65°	5302.1	1912.9	1363.7	814.5	733.2	651.9	634.8	617.6	637.6	657.6	609.1
67.5°	4524.7	1783.0	1289.5	796.0	697.5	597.7	577.7	557.7	553.5	549.2	532.1
70°	3723.0	1703.2	1241.0	778.8	659.0	537.8	519.2	500.7	495.0	487.8	475.0
72.5°	3112.5	1693.2	1235.3	777.4	627.6	477.9	460.7	443.6	436.5	427.9	417.9
75°	2549.0	1589.1	1172.5	756.0	584.8	412.2	396.6	380.9	375.2	368.0	359.5
77.5°	1891.5	1315.2	985.7	656.2	500.7	345.2	329.5	312.4	311.0	308.1	301.0
80°	1226.7	951.4	704.7	457.9	365.2	271.0	258.2	243.9	245.3	246.8	241.1
82.5°	681.8	554.9	430.8	306.7	249.6	192.6	186.9	179.7	184.0	186.9	179.7
85°	359.5	279.6	231.1	182.6	144.1	105.6	105.6	104.1	109.8	115.5	109.8
87.5°	155.5	98.4	84.2	68.5	38.5	7.1	8.6	8.6	11.4	14.3	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



REPORT NUMBER: P320483
 CATALOG NUMBER: GAN-SA9B-830-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: P320483

CATALOG NUMBER: GAN-SA9B-830-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5
2.5°	9826.7	9722.6	9617.1	9501.5	9522.9	9434.5	9346.0	9290.4	9234.8	9217.7	9200.5
5°	7941.0	7822.6	7702.8	7595.8	7688.5	7625.7	7563.0	7554.4	7544.4	7544.4	7543.0
7.5°	5875.5	5748.6	5620.2	5531.7	5623.0	5611.6	5600.2	5661.5	5722.9	5772.8	5821.3
10°	4774.3	4620.2	4464.8	4333.5	4310.7	4245.1	4178.0	4192.3	4205.1	4259.3	4313.6
12.5°	4149.5	3965.5	3781.5	3627.4	3557.5	3449.1	3339.3	3270.8	3202.4	3209.5	3215.2
15°	3437.7	3259.4	3079.7	2947.0	2902.8	2818.6	2734.5	2648.9	2561.9	2526.2	2489.1
17.5°	2628.9	2486.3	2342.2	2253.8	2253.8	2229.5	2205.3	2162.5	2118.3	2082.6	2045.5
20°	1927.1	1851.5	1774.5	1737.4	1748.8	1750.2	1750.2	1771.6	1793.0	1781.6	1770.2
22.5°	1594.8	1567.7	1540.6	1524.9	1530.6	1532.0	1533.4	1553.4	1571.9	1586.2	1599.0
25°	1439.3	1422.2	1405.0	1399.3	1412.2	1413.6	1413.6	1426.4	1439.3	1453.5	1467.8
27.5°	1318.0	1310.9	1303.8	1293.8	1306.6	1306.6	1305.2	1319.5	1332.3	1345.1	1356.5
30°	1202.5	1205.3	1206.8	1203.9	1212.5	1218.2	1222.5	1232.4	1241.0	1251.0	1261.0
32.5°	1121.2	1116.9	1112.6	1109.8	1128.3	1138.3	1148.3	1158.3	1166.8	1171.1	1175.4
35°	1042.7	1032.7	1022.8	1015.6	1032.7	1045.6	1058.4	1077.0	1094.1	1096.9	1099.8
37.5°	989.9	977.1	964.3	955.7	962.8	968.6	974.3	994.2	1014.2	1025.6	1035.6
40°	940.0	927.2	914.3	907.2	911.5	912.9	914.3	924.3	932.9	954.3	974.3
42.5°	900.1	884.4	868.7	860.1	863.0	865.8	867.3	865.8	864.4	884.4	904.4
45°	860.1	843.0	825.9	815.9	817.3	817.3	817.3	814.5	810.2	820.2	830.2
47.5°	828.8	808.8	788.8	778.8	776.0	773.1	770.3	768.9	766.0	773.1	778.8
50°	797.4	776.0	753.2	741.7	734.6	731.8	728.9	727.5	724.6	731.8	737.5
52.5°	773.1	747.5	721.8	703.2	696.1	691.8	687.5	689.0	689.0	691.8	693.2
55°	730.3	707.5	683.3	670.4	657.6	654.7	651.9	656.2	659.0	659.0	659.0
57.5°	683.3	661.9	639.0	630.5	619.1	619.1	617.6	623.4	627.6	630.5	633.3
60°	641.9	617.6	593.4	586.3	582.0	580.6	579.1	586.3	592.0	597.7	603.4
62.5°	603.4	577.7	552.0	543.5	542.0	543.5	543.5	550.6	556.3	562.0	567.7
65°	560.6	534.9	507.8	499.3	502.1	506.4	510.7	516.4	520.7	526.4	532.1
67.5°	513.5	492.1	469.3	460.7	462.2	467.9	473.6	477.9	480.7	486.4	492.1
70°	462.2	443.6	425.1	419.4	417.9	425.1	430.8	433.6	436.5	443.6	449.3
72.5°	406.5	390.8	375.2	370.9	372.3	376.6	380.9	385.1	388.0	395.1	400.8
75°	349.5	335.2	320.9	318.1	320.9	325.2	329.5	332.4	335.2	343.8	350.9
77.5°	293.8	278.2	261.0	259.6	263.9	268.2	271.0	275.3	279.6	291.0	302.4
80°	235.4	218.2	199.7	198.3	202.6	206.8	211.1	215.4	219.7	233.9	246.8
82.5°	172.6	152.6	132.7	129.8	144.1	148.3	152.6	159.8	165.5	178.3	191.1
85°	104.1	84.2	64.2	62.8	75.6	82.7	89.9	98.4	105.6	117.0	128.4
87.5°	11.4	5.7	0.0	0.0	1.4	7.1	12.8	20.0	27.1	38.5	48.5
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: P320483
 CATALOG NUMBER: GAN-SA9B-830-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: P320483

CATALOG NUMBER: GAN-SA9B-830-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5
2.5°	9137.8	9073.6	9139.2	9203.4	9230.5	9257.6	9187.7	9116.4	9227.6	9337.5	9366.0
5°	7486.0	7427.5	7471.7	7514.5	7418.9	7323.3	7313.4	7301.9	7384.7	7467.4	7480.2
7.5°	5802.8	5784.2	5825.6	5866.9	5745.7	5623.0	5563.1	5503.2	5523.2	5543.1	5540.3
10°	4326.4	4337.8	4389.2	4439.1	4344.9	4250.8	4209.4	4168.1	4213.7	4257.9	4299.3
12.5°	3240.9	3265.1	3319.3	3372.1	3333.6	3293.6	3297.9	3302.2	3355.0	3406.3	3452.0
15°	2517.7	2546.2	2584.7	2621.8	2623.2	2623.2	2660.3	2696.0	2691.7	2687.4	2718.8
17.5°	2084.0	2121.1	2125.4	2129.7	2131.1	2132.5	2129.7	2126.8	2105.4	2084.0	2108.3
20°	1784.5	1797.3	1808.7	1818.7	1805.9	1791.6	1755.9	1720.3	1706.0	1691.8	1714.6
22.5°	1623.3	1646.1	1634.7	1621.9	1596.2	1569.1	1542.0	1513.5	1512.0	1509.2	1522.0
25°	1487.8	1506.3	1486.4	1466.4	1447.8	1429.3	1410.7	1392.2	1390.8	1389.4	1395.1
27.5°	1375.1	1392.2	1373.7	1355.1	1339.4	1323.7	1309.5	1295.2	1292.4	1289.5	1290.9
30°	1278.1	1293.8	1278.1	1261.0	1249.6	1236.7	1226.7	1216.8	1215.3	1213.9	1213.9
32.5°	1191.1	1206.8	1195.4	1183.9	1174.0	1164.0	1156.8	1149.7	1142.6	1135.4	1119.8
35°	1115.5	1131.2	1124.0	1115.5	1104.1	1092.7	1079.8	1065.6	1047.0	1027.0	1018.5
37.5°	1051.3	1067.0	1059.8	1052.7	1037.0	1021.3	998.5	974.3	968.6	961.4	960.0
40°	999.9	1024.2	1009.9	994.2	970.0	945.7	934.3	922.9	920.1	917.2	914.3
42.5°	942.9	980.0	954.3	928.6	905.8	883.0	880.1	877.3	875.8	874.4	874.4
45°	871.6	911.5	885.8	858.7	845.9	833.0	833.0	833.0	834.5	834.5	837.3
47.5°	804.5	828.8	815.9	803.1	796.0	788.8	790.2	791.7	796.0	798.8	805.9
50°	747.5	756.0	758.9	760.3	756.0	751.7	754.6	756.0	760.3	763.1	768.9
52.5°	706.1	718.9	718.9	717.5	717.5	717.5	720.4	723.2	727.5	731.8	737.5
55°	679.0	697.5	691.8	686.1	687.5	687.5	690.4	693.2	697.5	700.4	708.9
57.5°	653.3	673.3	667.6	661.9	661.9	661.9	663.3	664.7	669.0	671.9	677.6
60°	623.4	643.3	637.6	630.5	631.9	633.3	634.8	634.8	637.6	639.0	639.0
62.5°	587.7	607.7	602.0	594.8	599.1	602.0	602.0	602.0	604.8	606.2	602.0
65°	550.6	569.1	563.4	557.7	563.4	567.7	570.6	572.0	570.6	569.1	564.9
67.5°	510.7	529.2	523.5	516.4	523.5	529.2	534.9	539.2	534.9	530.6	524.9
70°	467.9	486.4	479.3	472.2	479.3	486.4	492.1	497.8	492.1	486.4	485.0
72.5°	422.2	443.6	435.1	426.5	435.1	443.6	446.5	449.3	445.0	440.8	437.9
75°	372.3	393.7	386.6	378.0	385.1	392.3	393.7	395.1	395.1	393.7	385.1
77.5°	319.5	336.6	332.4	328.1	332.4	336.6	336.6	336.6	338.1	338.1	326.7
80°	256.8	266.7	268.2	269.6	271.0	272.4	271.0	269.6	266.7	263.9	256.8
82.5°	191.1	191.1	202.6	212.5	212.5	211.1	209.7	206.8	201.1	194.0	178.3
85°	121.2	114.1	132.7	149.8	149.8	148.3	145.5	141.2	129.8	117.0	104.1
87.5°	41.4	34.2	52.8	71.3	72.7	72.7	69.9	67.0	55.6	42.8	32.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320483
 CATALOG NUMBER: GAN-SA9B-830-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: P320483

CATALOG NUMBER: GAN-SA9B-830-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5
2.5°	9408.8	9427.3	9444.5	9584.2	9722.6	9885.2	10047.8	10171.9	10294.6	10421.6	10548.5
5°	7524.5	7547.3	7570.1	7739.9	7908.2	8135.0	8361.8	8557.2	8752.6	8982.3	9211.9
7.5°	5577.4	5627.3	5675.8	5857.0	6036.7	6280.6	6523.1	6778.4	7032.3	7331.9	7631.5
10°	4380.6	4474.7	4567.5	4752.9	4938.3	5179.4	5419.0	5685.8	5952.5	6247.8	6541.7
12.5°	3546.1	3671.7	3795.8	4018.3	4240.8	4528.9	4815.7	5112.4	5407.6	5667.2	5926.9
15°	2801.5	2938.5	3074.0	3309.3	3544.7	3861.4	4176.6	4500.4	4822.8	5133.8	5444.7
17.5°	2185.3	2298.0	2409.3	2609.0	2807.2	3113.9	3420.6	3760.1	4099.6	4479.0	4857.0
20°	1763.1	1810.2	1857.2	2001.3	2143.9	2393.6	2641.8	2988.4	3335.0	3788.6	4242.2
22.5°	1544.8	1569.1	1591.9	1661.8	1730.3	1891.5	2051.2	2357.9	2663.2	3158.1	3651.7
25°	1413.6	1432.1	1450.7	1496.3	1542.0	1619.0	1696.0	1911.4	2126.8	2613.2	3098.2
27.5°	1295.2	1323.7	1350.8	1372.2	1392.2	1445.0	1496.3	1637.6	1778.8	2232.4	2684.6
30°	1209.6	1219.6	1229.6	1262.4	1293.8	1348.0	1402.2	1500.6	1599.0	1982.8	2365.0
32.5°	1109.8	1124.0	1138.3	1172.5	1206.8	1256.7	1306.6	1386.5	1465.0	1793.0	2119.7
35°	1019.9	1034.2	1048.4	1082.7	1115.5	1169.7	1222.5	1289.5	1355.1	1640.4	1925.7
37.5°	964.3	978.5	992.8	1022.8	1051.3	1105.5	1158.3	1211.0	1262.4	1526.3	1790.2
40°	917.2	931.5	945.7	974.3	1001.4	1054.1	1105.5	1149.7	1193.9	1440.7	1687.5
42.5°	875.8	891.5	907.2	935.7	962.8	1009.9	1057.0	1115.5	1172.5	1366.5	1559.1
45°	841.6	857.3	871.6	902.9	934.3	980.0	1025.6	1106.9	1188.2	1328.0	1467.8
47.5°	810.2	827.3	843.0	877.3	911.5	968.6	1024.2	1092.7	1159.7	1298.1	1436.4
50°	780.3	800.2	820.2	861.6	901.5	997.1	1091.2	1101.2	1109.8	1273.8	1436.4
52.5°	751.7	774.6	797.4	848.7	898.7	1009.9	1121.2	1085.5	1048.4	1228.2	1407.9
55°	723.2	743.2	761.7	824.5	887.2	968.6	1049.9	1002.8	954.3	1142.6	1330.9
57.5°	684.7	706.1	726.1	793.1	860.1	917.2	972.8	930.0	885.8	1045.6	1203.9
60°	644.8	669.0	693.2	778.8	863.0	853.0	841.6	833.0	823.1	937.2	1051.3
62.5°	609.1	634.8	660.4	771.7	883.0	814.5	746.0	753.2	758.9	843.0	927.2
65°	573.4	599.1	623.4	679.0	734.6	707.5	680.4	691.8	701.8	784.5	867.3
67.5°	533.5	556.3	577.7	596.3	614.8	617.6	620.5	631.9	643.3	741.7	838.7
70°	489.3	507.8	526.4	539.2	550.6	556.3	560.6	574.9	589.1	696.1	803.1
72.5°	439.3	455.0	469.3	480.7	492.1	496.4	499.3	513.5	527.8	641.9	756.0
75°	385.1	398.0	409.4	419.4	429.4	435.1	440.8	450.8	460.7	584.8	707.5
77.5°	325.2	338.1	349.5	358.0	365.2	370.9	375.2	388.0	400.8	505.0	607.7
80°	253.9	269.6	283.9	291.0	296.7	298.1	298.1	309.5	320.9	395.1	467.9
82.5°	179.7	196.8	212.5	218.2	224.0	224.0	224.0	236.8	249.6	299.6	348.1
85°	105.6	124.1	141.2	146.9	152.6	155.5	156.9	162.6	166.9	202.6	236.8
87.5°	32.8	48.5	62.8	65.6	68.5	74.2	79.9	81.3	81.3	105.6	129.8
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):

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

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5	10869.5
2.5°	10694.0	10839.5	11009.3	11177.6	11321.7	11465.7	11585.5
5°	9504.4	9796.8	10154.8	10511.4	10829.5	11147.6	11517.1
7.5°	8009.5	8387.5	8851.1	9314.7	9764.0	10211.9	10779.6
10°	6926.8	7310.5	7801.2	8290.5	8795.4	9299.0	9940.9
12.5°	6239.2	6550.2	7025.2	7500.2	8093.6	8685.6	9303.2
15°	5785.6	6125.1	6587.3	7049.5	7698.5	8347.5	9057.9
17.5°	5302.1	5745.7	6337.7	6929.6	7698.5	8465.9	9303.2
20°	4795.7	5347.7	6115.1	6882.6	7918.2	8952.3	10020.7
22.5°	4290.7	4929.8	5914.0	6896.8	8250.5	9602.8	11044.9
25°	3835.7	4573.2	5791.3	7008.1	8734.1	10458.7	12247.4
27.5°	3490.5	4295.0	5741.4	7186.4	9347.5	11508.5	13555.5
30°	3183.8	4002.6	5681.5	7360.4	9938.0	12514.2	14578.2
32.5°	2918.5	3717.3	5566.0	7413.2	10350.2	13287.3	15444.1
35°	2710.2	3494.8	5372.0	7249.2	10608.4	13967.7	16345.6
37.5°	2530.5	3270.8	5150.9	7030.9	10838.1	14645.3	17359.8
40°	2359.3	3031.2	4961.2	6889.7	11154.8	15419.8	18431.0
42.5°	2196.7	2834.3	4808.5	6782.7	11448.6	16113.1	19368.2
45°	2075.5	2683.1	4673.0	6661.5	11638.3	16615.2	20074.3
47.5°	2015.6	2593.3	4600.3	6605.8	11828.0	17048.8	20660.6
50°	2007.0	2577.6	4683.0	6788.4	12238.9	17687.9	21331.0
52.5°	2005.6	2603.3	4921.2	7239.2	13002.0	18763.4	22057.0
55°	1975.6	2618.9	5205.1	7789.8	14026.2	20261.1	23362.2
57.5°	1884.3	2564.7	5497.5	8428.8	15108.8	21787.4	24832.9
60°	1743.1	2433.5	5738.6	9042.2	15836.3	22629.0	25399.2
62.5°	1566.2	2203.8	5818.4	9431.6	15816.4	22201.1	24828.6
65°	1415.0	1962.8	5556.0	9147.8	15016.1	20883.1	23700.3
67.5°	1280.9	1721.7	4899.8	8076.5	13576.9	19075.8	22265.3
70°	1183.9	1563.4	4053.9	6544.5	11775.3	17004.6	20603.5
72.5°	1122.6	1487.8	3305.1	5120.9	9555.7	13989.1	17623.7
75°	1038.4	1369.4	2593.3	3815.7	7313.4	10811.0	13311.5
77.5°	881.5	1154.0	1954.2	2754.5	5366.3	7976.7	9257.6
80°	680.4	891.5	1343.7	1795.9	3693.1	5590.2	6312.0
82.5°	485.0	621.9	814.5	1007.1	2453.5	3898.5	3958.4
85°	299.6	362.3	466.4	570.6	1623.3	2676.0	2229.5
87.5°	161.2	192.6	246.8	299.6	519.2	738.9	425.1
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: P320483

CATALOG NUMBER: GAN-SA9B-830-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)