

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: P320843

Luminaire Tested: **GAN-SA9B-722-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320843
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-722-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 2200K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33005 lumens
Efficiency: N/A
Efficacy: 88.2 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

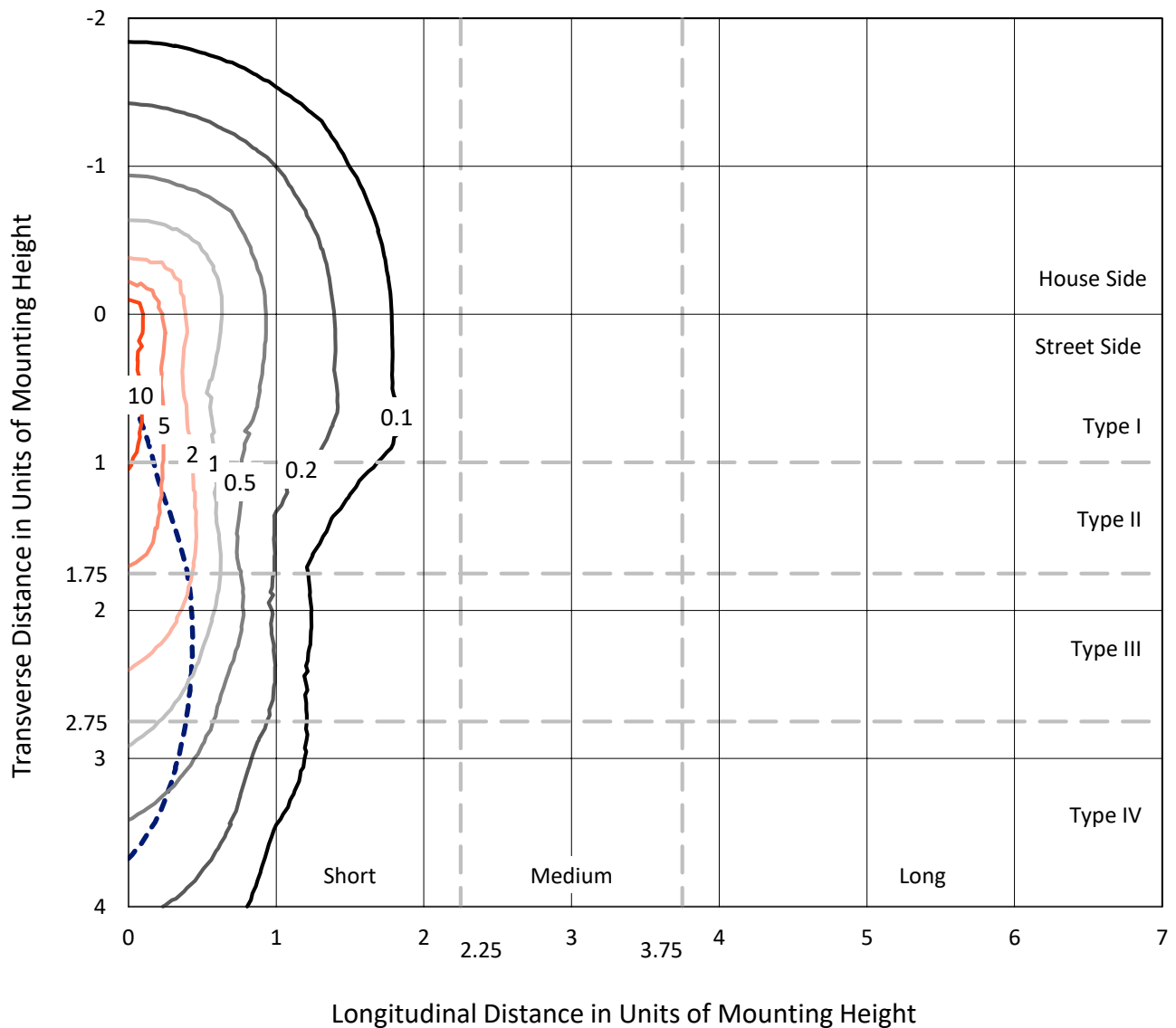
Input Watts (W): 374
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

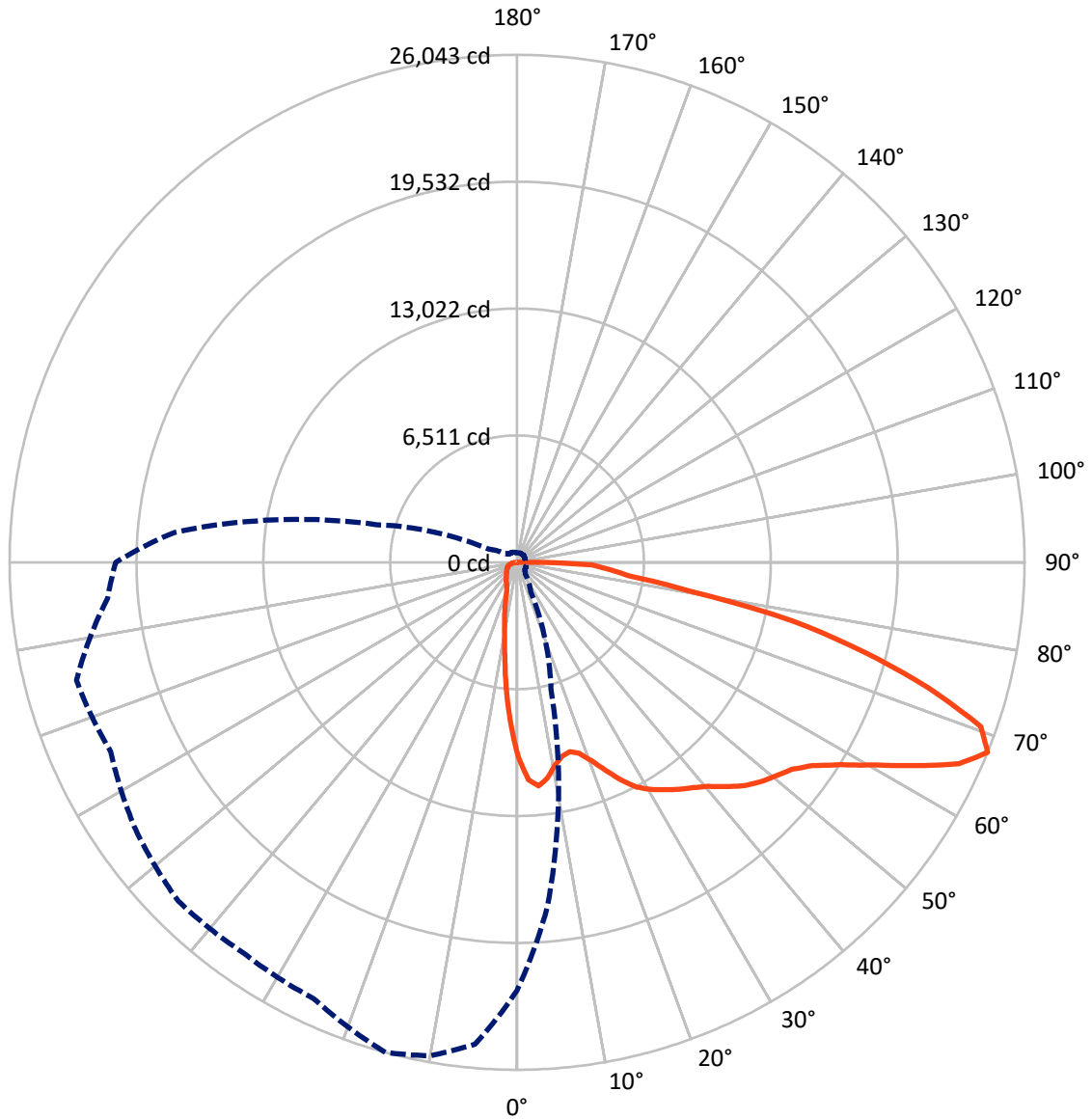
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.1 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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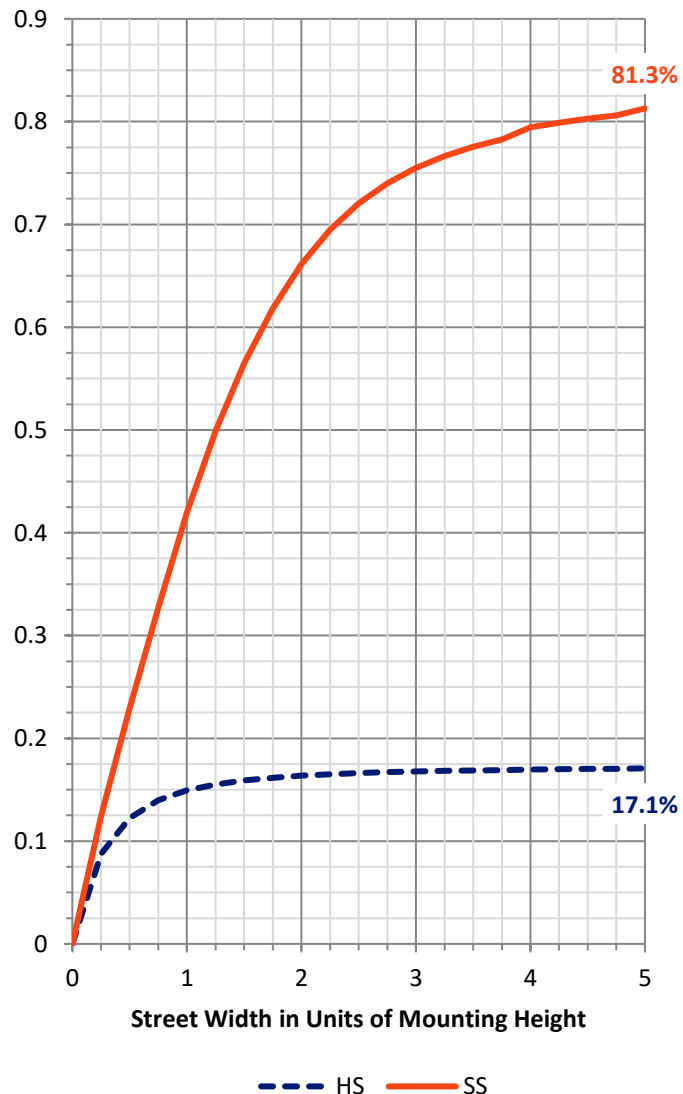
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5705.9	0.0	5705.9
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	27299.1	0.0	27299.1
	% Fixture	82.7	0.0	82.7
Total	Lumens	33005.0	0.0	33005.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	776.0	2.4
10°-20°	1612.1	4.9
20°-30°	2292.8	6.9
30°-40°	3303.9	10.0
40°-50°	4656.2	14.1
50°-60°	6472.9	19.6
60°-70°	7827.6	23.7
70°-80°	4811.5	14.6
80°-90°	1252.0	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°	33005.0	100.0
0°-180°	33005.0	100.0

Coefficient of Utilization

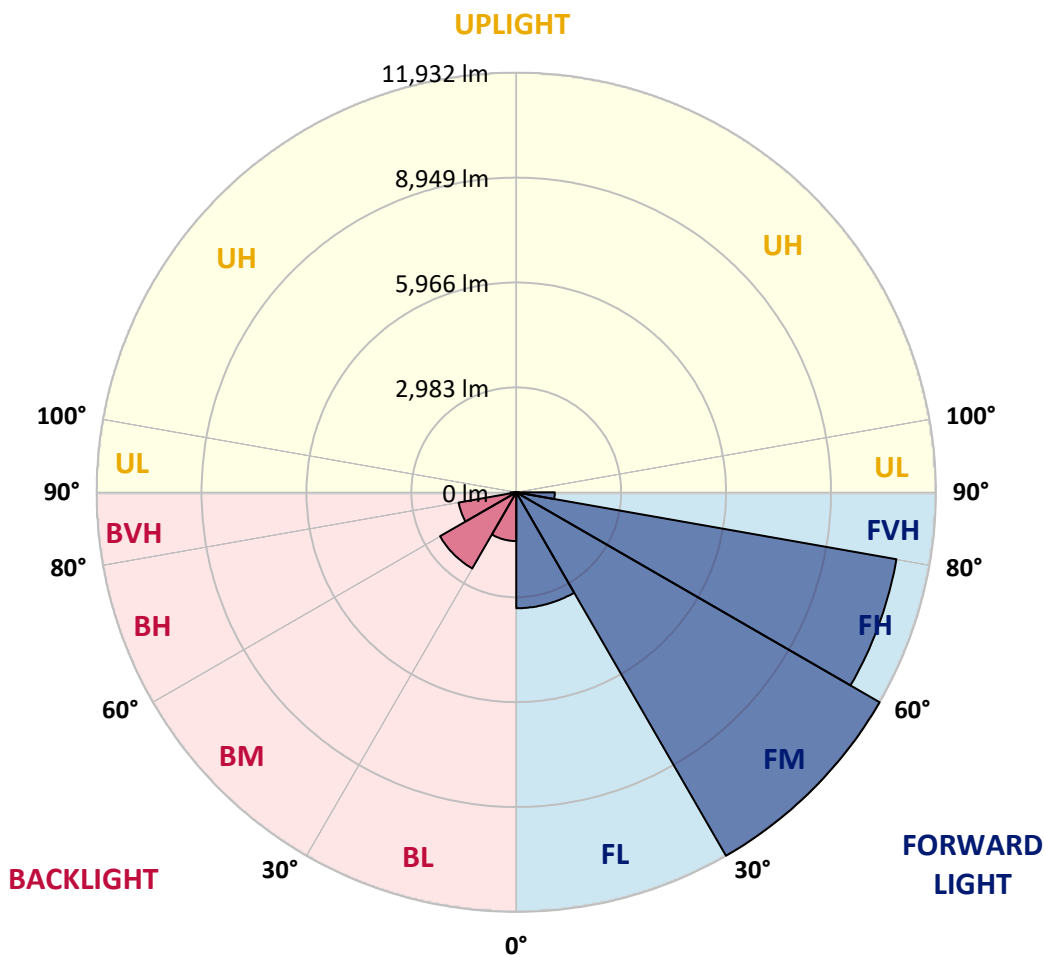


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3295.6	10.0			
FM (30°-60°)	11932.1	36.2			
FH (60°-80°)	10976.3	33.3			G4/12000
FVH (80°-90°)	1095.0	3.3			G5
BL (0°-30°)	1385.3	4.2	B3/2500		
BM (30°-60°)	2500.8	7.6	B3/5000		
BH (60°-80°)	1662.8	5.0	B3/2500		G3/2500
BVH (80°-90°)	156.9	0.5			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 IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2
2.5°	10771.7	10676.7	10532.9	10389.1	10282.2	10174.0	10051.2	9928.5	9788.6	9647.5	9564.3
5°	10593.6	10329.7	9986.6	9643.5	9416.5	9189.6	8932.2	8674.9	8420.2	8165.6	8028.3
7.5°	9791.3	9395.4	8949.4	8503.4	8173.5	7842.3	7486.0	7128.4	6811.7	6493.7	6297.0
10°	9002.2	8527.1	8015.1	7501.8	7079.5	6657.3	6299.7	5940.8	5701.9	5463.1	5282.3
12.5°	8436.1	7909.6	7346.1	6781.3	6359.1	5936.8	5709.8	5482.9	5284.9	5087.0	4878.5
15°	8211.7	7616.6	7040.0	6462.0	6078.0	5694.0	5441.9	5188.6	4923.4	4656.8	4400.8
17.5°	8409.7	7712.9	7086.1	6459.3	5956.6	5453.8	5101.5	4747.8	4398.2	4048.5	3751.6
20°	9027.2	8137.9	7318.4	6497.6	5828.6	5159.6	4687.1	4213.4	3764.8	3316.1	2979.6
22.5°	9894.2	8717.1	7647.0	6576.8	5712.5	4846.8	4254.3	3660.5	3130.0	2599.6	2269.7
25°	10947.2	9485.1	8120.7	6754.9	5665.0	4573.7	3845.3	3116.8	2557.3	1996.5	1761.6
27.5°	12057.0	10400.9	8709.2	7016.2	5672.9	4329.5	3500.8	2670.8	2166.8	1662.7	1501.7
30°	12982.0	11447.4	9395.4	7342.1	5703.2	4064.3	3176.2	2288.2	1872.5	1456.8	1352.6
32.5°	13827.9	12177.1	9912.7	7647.0	5737.5	3826.8	2925.5	2022.9	1683.8	1343.3	1257.6
35°	14701.4	12825.0	10274.3	7722.2	5678.2	3632.8	2754.0	1875.1	1562.4	1248.3	1175.7
37.5°	15663.4	13525.7	10622.6	7718.2	5577.9	3437.5	2620.7	1802.5	1483.2	1162.6	1109.8
40°	16736.2	14300.3	11000.0	7699.8	5486.8	3272.6	2521.7	1769.6	1439.7	1108.4	1063.6
42.5°	17785.3	15039.3	11351.0	7662.8	5412.9	3161.7	2424.1	1686.4	1400.1	1112.4	1049.1
45°	18573.1	15684.5	11655.9	7625.9	5357.5	3089.1	2347.5	1605.9	1363.1	1120.3	1039.8
47.5°	19170.9	16332.4	11993.7	7653.6	5352.2	3050.9	2293.4	1536.0	1293.2	1049.1	1016.1
50°	19930.9	17111.0	12485.9	7860.7	5424.8	2988.8	2230.1	1470.0	1225.9	981.8	1026.6
52.5°	20877.1	18222.1	13248.6	8273.8	5576.5	2879.3	2129.8	1380.3	1144.1	906.6	976.5
55°	22266.6	19645.9	14223.8	8800.3	5760.0	2718.3	1978.1	1236.4	1035.9	834.0	896.0
57.5°	23513.6	21084.3	15159.3	9233.1	5874.8	2515.1	1786.7	1058.3	914.5	770.6	806.3
60°	24069.1	21825.9	15597.4	9367.7	5806.2	2244.6	1571.6	897.3	807.6	717.9	711.3
62.5°	23852.7	21354.8	15165.9	8977.1	5471.0	1964.9	1381.6	798.3	731.0	662.4	647.9
65°	23219.3	19874.2	13957.2	8040.2	4904.9	1769.6	1261.5	753.5	678.3	603.0	587.2
67.5°	21971.0	17766.8	12244.4	6721.9	4185.7	1649.5	1192.9	736.3	645.3	552.9	534.4
70°	19730.4	15230.6	10271.6	5311.3	3444.1	1575.6	1148.0	720.5	609.6	497.5	480.3
72.5°	16205.8	12211.4	8202.5	4192.3	2879.3	1566.3	1142.8	719.2	580.6	442.1	426.2
75°	11603.1	9275.3	6261.4	3246.2	2358.1	1470.0	1084.7	699.4	541.0	381.4	366.8
77.5°	7808.0	6419.8	4352.0	2282.9	1749.8	1216.7	911.8	607.0	463.2	319.3	304.8
80°	5014.4	4443.0	2916.3	1389.5	1134.8	880.2	651.9	423.6	337.8	250.7	238.8
82.5°	3679.0	3306.9	2026.9	746.9	630.8	513.3	398.5	283.7	230.9	178.1	172.9
85°	2338.3	2578.5	1492.4	406.4	332.5	258.6	213.8	168.9	133.3	97.6	97.6
87.5°	453.9	628.1	413.0	196.6	143.8	91.1	77.9	63.3	35.6	6.6	7.9
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



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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°	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2
2.5°	9479.9	9388.8	9297.8	9194.8	9090.6	8994.3	8896.6	8789.7	8809.5	8727.7	8645.9
5°	7891.1	7745.9	7599.5	7472.8	7346.1	7236.6	7125.7	7026.8	7112.5	7054.5	6996.4
7.5°	6099.1	5919.6	5738.9	5587.1	5435.4	5317.9	5199.1	5117.3	5201.8	5191.2	5180.7
10°	5101.5	4927.3	4751.8	4584.2	4416.6	4274.1	4130.3	4008.9	3987.8	3927.1	3865.1
12.5°	4668.7	4429.8	4189.7	4014.2	3838.7	3668.4	3498.2	3355.7	3291.0	3190.7	3089.1
15°	4144.8	3862.4	3580.0	3380.8	3180.2	3015.2	2849.0	2726.3	2685.3	2607.5	2529.6
17.5°	3454.7	3145.9	2837.1	2635.2	2432.0	2300.0	2166.8	2084.9	2084.9	2062.5	2040.1
20°	2643.1	2367.3	2091.5	1937.1	1782.8	1712.8	1641.6	1607.2	1617.8	1619.1	1619.1
22.5°	1938.5	1769.6	1600.7	1538.6	1475.3	1450.2	1425.1	1410.6	1415.9	1417.2	1418.5
25°	1526.8	1462.1	1396.1	1364.4	1331.5	1315.6	1299.8	1294.5	1306.4	1307.7	1307.7
27.5°	1340.7	1301.1	1260.2	1240.4	1219.3	1212.7	1206.1	1196.9	1208.7	1208.7	1207.4
30°	1247.0	1204.8	1162.6	1137.5	1112.4	1115.0	1116.4	1113.7	1121.6	1126.9	1130.9
32.5°	1170.5	1129.6	1088.7	1063.6	1037.2	1033.2	1029.3	1026.6	1043.8	1053.0	1062.3
35°	1101.8	1057.0	1012.1	988.4	964.6	955.4	946.1	939.5	955.4	967.3	979.1
37.5°	1055.7	1009.5	962.0	939.5	915.8	903.9	892.0	884.1	890.7	896.0	901.3
40°	1018.7	971.2	922.4	896.0	869.6	857.7	845.9	839.3	843.2	844.5	845.9
42.5°	984.4	938.2	892.0	863.0	832.7	818.1	803.6	795.7	798.3	801.0	802.3
45°	959.3	913.1	865.6	831.3	795.7	779.9	764.0	754.8	756.1	756.1	756.1
47.5°	983.1	915.8	847.2	807.6	766.7	748.2	729.7	720.5	717.9	715.2	712.6
50°	1070.2	955.4	839.3	789.1	737.6	717.9	696.7	686.2	679.6	676.9	674.3
52.5°	1045.1	946.1	845.9	781.2	715.2	691.5	667.7	650.6	644.0	640.0	636.0
55°	956.7	894.7	831.3	753.5	675.6	654.5	632.1	620.2	608.3	605.7	603.0
57.5°	840.6	815.5	790.4	711.3	632.1	612.3	591.2	583.3	572.7	572.7	571.4
60°	703.3	740.3	777.2	686.2	593.8	571.4	548.9	542.3	538.4	537.1	535.7
62.5°	632.1	692.8	752.2	655.8	558.2	534.4	510.7	502.8	501.4	502.8	502.8
65°	571.4	589.9	608.3	563.5	518.6	494.8	469.8	461.9	464.5	468.5	472.4
67.5°	516.0	512.0	508.0	492.2	475.0	455.3	434.1	426.2	427.5	432.8	438.1
70°	463.2	457.9	451.3	439.4	427.5	410.4	393.2	388.0	386.6	393.2	398.5
72.5°	410.4	403.8	395.9	386.6	376.1	361.6	347.0	343.1	344.4	348.4	352.3
75°	352.3	347.0	340.5	332.5	323.3	310.1	296.9	294.3	296.9	300.9	304.8
77.5°	289.0	287.7	285.0	278.4	271.8	257.3	241.5	240.2	244.1	248.1	250.7
80°	225.6	227.0	228.3	223.0	217.7	201.9	184.7	183.4	187.4	191.3	195.3
82.5°	166.3	170.2	172.9	166.3	159.7	141.2	122.7	120.1	133.3	137.2	141.2
85°	96.3	101.6	106.9	101.6	96.3	77.9	59.4	58.1	69.9	76.5	83.1
87.5°	7.9	10.6	13.2	11.9	10.6	5.3	0.0	0.0	1.3	6.6	11.9
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: P320843
 CATALOG NUMBER: GAN-SA9B-722-U-SLR

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: P320843
 CATALOG NUMBER: GAN-SA9B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2
2.5°	8594.4	8543.0	8527.1	8511.3	8453.2	8393.9	8454.6	8513.9	8539.0	8564.1	8499.4
5°	6988.5	6979.3	6979.3	6977.9	6925.2	6871.1	6912.0	6951.5	6863.1	6774.7	6765.5
7.5°	5237.4	5294.2	5340.3	5385.2	5368.1	5350.9	5389.2	5427.4	5315.3	5201.8	5146.4
10°	3878.2	3890.1	3940.3	3990.4	4002.3	4012.8	4060.3	4106.5	4019.4	3932.3	3894.1
12.5°	3025.8	2962.5	2969.1	2974.3	2998.1	3020.5	3070.7	3119.5	3083.9	3046.9	3050.9
15°	2450.5	2370.0	2337.0	2302.7	2329.1	2355.5	2391.1	2425.4	2426.7	2426.7	2461.0
17.5°	2000.5	1959.6	1926.6	1892.3	1927.9	1962.2	1966.2	1970.1	1971.5	1972.8	1970.1
20°	1638.9	1658.7	1648.2	1637.6	1650.8	1662.7	1673.2	1682.5	1670.6	1657.4	1624.4
22.5°	1437.0	1454.2	1467.4	1479.2	1501.7	1522.8	1512.2	1500.4	1476.6	1451.5	1426.5
25°	1319.6	1331.5	1344.7	1357.8	1376.3	1393.5	1375.0	1356.5	1339.4	1322.2	1305.1
27.5°	1220.6	1232.5	1244.4	1254.9	1272.1	1287.9	1270.8	1253.6	1239.1	1224.6	1211.4
30°	1140.1	1148.0	1157.3	1166.5	1182.3	1196.9	1182.3	1166.5	1156.0	1144.1	1134.8
32.5°	1071.5	1079.4	1083.4	1087.3	1101.8	1116.4	1105.8	1095.3	1086.0	1076.8	1070.2
35°	996.3	1012.1	1014.8	1017.4	1031.9	1046.4	1039.8	1031.9	1021.4	1010.8	998.9
37.5°	919.7	938.2	948.8	958.0	972.5	987.0	980.4	973.9	959.3	944.8	923.7
40°	855.1	863.0	882.8	901.3	925.0	947.5	934.3	919.7	897.3	874.9	864.3
42.5°	801.0	799.7	818.1	836.6	872.2	906.6	882.8	859.0	837.9	816.8	814.2
45°	753.5	749.5	758.8	768.0	806.3	843.2	819.5	794.4	782.5	770.6	770.6
47.5°	711.3	708.6	715.2	720.5	744.2	766.7	754.8	742.9	736.3	729.7	731.0
50°	673.0	670.3	676.9	682.2	691.5	699.4	702.0	703.3	699.4	695.4	698.1
52.5°	637.4	637.4	640.0	641.3	653.2	665.1	665.1	663.7	663.7	663.7	666.4
55°	607.0	609.6	609.6	609.6	628.1	645.3	640.0	634.7	636.0	636.0	638.7
57.5°	576.7	580.6	583.3	585.9	604.4	622.8	617.6	612.3	612.3	612.3	613.6
60°	542.3	547.6	552.9	558.2	576.7	595.1	589.9	583.3	584.6	585.9	587.2
62.5°	509.4	514.6	519.9	525.2	543.7	562.1	556.9	550.3	554.2	556.9	556.9
65°	477.7	481.6	486.9	492.2	509.4	526.5	521.2	516.0	521.2	525.2	527.8
67.5°	442.1	444.7	450.0	455.3	472.4	489.6	484.3	477.7	484.3	489.6	494.8
70°	401.2	403.8	410.4	415.7	432.8	450.0	443.4	436.8	443.4	450.0	455.3
72.5°	356.3	358.9	365.5	370.8	390.6	410.4	402.5	394.6	402.5	410.4	413.0
75°	307.5	310.1	318.0	324.6	344.4	364.2	357.6	349.7	356.3	362.9	364.2
77.5°	254.7	258.6	269.2	279.8	295.6	311.4	307.5	303.5	307.5	311.4	311.4
80°	199.3	203.2	216.4	228.3	237.5	246.8	248.1	249.4	250.7	252.0	250.7
82.5°	147.8	153.1	164.9	176.8	176.8	176.8	187.4	196.6	196.6	195.3	194.0
85°	91.1	97.6	108.2	118.8	112.2	105.6	122.7	138.6	138.6	137.2	134.6
87.5°	18.5	25.1	35.6	44.9	38.3	31.7	48.8	66.0	67.3	67.3	64.7
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: P320843
 CATALOG NUMBER: GAN-SA9B-722-U-SLR

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: P320843
 CATALOG NUMBER: GAN-SA9B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2
2.5°	8433.4	8536.4	8638.0	8664.4	8704.0	8721.1	8736.9	8866.3	8994.3	9144.7	9295.1
5°	6754.9	6831.5	6908.0	6919.9	6960.8	6981.9	7003.0	7160.0	7315.8	7525.6	7735.4
7.5°	5090.9	5109.4	5127.9	5125.2	5159.6	5205.7	5250.6	5418.2	5584.5	5810.1	6034.4
10°	3855.8	3898.0	3938.9	3977.2	4052.4	4139.5	4225.3	4396.8	4568.4	4791.4	5013.1
12.5°	3054.8	3103.7	3151.2	3193.4	3280.5	3396.6	3511.4	3717.3	3923.1	4189.7	4454.9
15°	2494.0	2490.0	2486.1	2515.1	2591.7	2718.3	2843.7	3061.4	3279.2	3572.1	3863.7
17.5°	1967.5	1947.7	1927.9	1950.3	2021.6	2125.8	2228.8	2413.5	2596.9	2880.6	3164.4
20°	1591.4	1578.2	1565.0	1586.1	1631.0	1674.5	1718.1	1851.4	1983.3	2214.3	2443.9
22.5°	1400.1	1398.8	1396.1	1408.0	1429.1	1451.5	1472.7	1537.3	1600.7	1749.8	1897.6
25°	1287.9	1286.6	1285.3	1290.5	1307.7	1324.9	1342.0	1384.2	1426.5	1497.7	1569.0
27.5°	1198.2	1195.5	1192.9	1194.2	1198.2	1224.6	1249.6	1269.4	1287.9	1336.7	1384.2
30°	1125.6	1124.3	1123.0	1123.0	1119.0	1128.2	1137.5	1167.8	1196.9	1247.0	1297.1
32.5°	1063.6	1057.0	1050.4	1035.9	1026.6	1039.8	1053.0	1084.7	1116.4	1162.6	1208.7
35°	985.7	968.6	950.1	942.2	943.5	956.7	969.9	1001.6	1031.9	1082.1	1130.9
37.5°	901.3	896.0	889.4	888.1	892.0	905.2	918.4	946.1	972.5	1022.7	1071.5
40°	853.8	851.1	848.5	845.9	848.5	861.7	874.9	901.3	926.3	975.2	1022.7
42.5°	811.5	810.2	808.9	808.9	810.2	824.7	839.3	865.6	890.7	934.3	977.8
45°	770.6	772.0	772.0	774.6	778.6	793.1	806.3	835.3	864.3	906.6	948.8
47.5°	732.4	736.3	739.0	745.6	749.5	765.4	779.9	811.5	843.2	896.0	947.5
50°	699.4	703.3	706.0	711.3	721.8	740.3	758.8	797.0	834.0	922.4	1009.5
52.5°	669.0	673.0	676.9	682.2	695.4	716.5	737.6	785.2	831.3	934.3	1037.2
55°	641.3	645.3	647.9	655.8	669.0	687.5	704.7	762.7	820.8	896.0	971.2
57.5°	614.9	618.9	621.5	626.8	633.4	653.2	671.7	733.7	795.7	848.5	900.0
60°	587.2	589.9	591.2	591.2	596.5	618.9	641.3	720.5	798.3	789.1	778.6
62.5°	556.9	559.5	560.8	556.9	563.5	587.2	611.0	713.9	816.8	753.5	690.1
65°	529.2	527.8	526.5	522.6	530.5	554.2	576.7	628.1	679.6	654.5	629.4
67.5°	498.8	494.8	490.9	485.6	493.5	514.6	534.4	551.6	568.7	571.4	574.0
70°	460.5	455.3	450.0	448.7	452.6	469.8	486.9	498.8	509.4	514.6	518.6
72.5°	415.7	411.7	407.8	405.1	406.4	420.9	434.1	444.7	455.3	459.2	461.9
75°	365.5	365.5	364.2	356.3	356.3	368.2	378.7	388.0	397.2	402.5	407.8
77.5°	311.4	312.7	312.7	302.2	300.9	312.7	323.3	331.2	337.8	343.1	347.0
80°	249.4	246.8	244.1	237.5	234.9	249.4	262.6	269.2	274.5	275.8	275.8
82.5°	191.3	186.1	179.5	164.9	166.3	182.1	196.6	201.9	207.2	207.2	207.2
85°	130.6	120.1	108.2	96.3	97.6	114.8	130.6	135.9	141.2	143.8	145.2
87.5°	62.0	51.5	39.6	30.4	30.4	44.9	58.1	60.7	63.3	68.6	73.9
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: P320843
 CATALOG NUMBER: GAN-SA9B-722-U-SLR

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: P320843

CATALOG NUMBER: GAN-SA9B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2
2.5°	9409.9	9523.4	9640.9	9758.3	9892.9	10027.5	10184.5	10340.2	10473.5	10606.8	10717.6
5°	7916.2	8096.9	8309.4	8521.8	8792.4	9062.9	9394.1	9724.0	10018.3	10312.5	10654.3
7.5°	6270.6	6505.5	6782.6	7059.8	7409.4	7759.1	8188.0	8616.9	9032.5	9446.9	9972.1
10°	5259.8	5506.6	5779.8	6051.6	6407.9	6762.8	7216.8	7669.4	8136.5	8602.3	9196.2
12.5°	4729.4	5002.5	5242.7	5482.9	5771.8	6059.5	6498.9	6938.4	7487.3	8034.9	8606.3
15°	4163.3	4461.5	4749.2	5036.8	5352.2	5666.3	6093.8	6521.4	7121.8	7722.2	8379.3
17.5°	3478.4	3792.5	4143.5	4493.2	4904.9	5315.3	5862.9	6410.5	7121.8	7831.7	8606.3
20°	2764.5	3085.2	3504.8	3924.4	4436.4	4947.1	5657.0	6367.0	7325.0	8281.7	9270.1
22.5°	2181.3	2463.7	2921.6	3378.1	3969.3	4560.5	5471.0	6380.2	7632.5	8883.4	10217.5
25°	1768.2	1967.5	2417.5	2866.1	3548.4	4230.6	5357.5	6483.1	8079.8	9675.2	11329.9
27.5°	1514.9	1645.5	2065.1	2483.5	3229.0	3973.3	5311.3	6648.0	8647.2	10646.4	12540.0
30°	1388.2	1479.2	1834.2	2187.9	2945.3	3702.7	5255.9	6809.0	9193.5	11576.7	13486.1
32.5°	1282.6	1355.2	1658.7	1960.9	2699.9	3438.8	5149.0	6857.9	9574.9	12291.9	14287.1
35°	1192.9	1253.6	1517.5	1781.4	2507.2	3233.0	4969.5	6706.1	9813.7	12921.3	15121.1
37.5°	1120.3	1167.8	1412.0	1656.1	2340.9	3025.8	4765.0	6504.2	10026.2	13548.1	16059.3
40°	1063.6	1104.5	1332.8	1561.1	2182.6	2804.1	4589.5	6373.6	10319.1	14264.7	17050.3
42.5°	1031.9	1084.7	1264.2	1442.3	2032.2	2622.0	4448.3	6274.6	10591.0	14906.0	17917.3
45°	1024.0	1099.2	1228.5	1357.8	1920.0	2482.1	4322.9	6162.4	10766.5	15370.5	18570.5
47.5°	1010.8	1072.8	1200.8	1328.8	1864.6	2399.0	4255.6	6111.0	10942.0	15771.6	19112.8
50°	1018.7	1026.6	1178.4	1328.8	1856.6	2384.5	4332.2	6279.9	11322.0	16362.8	19733.0
52.5°	1004.2	969.9	1136.2	1302.4	1855.3	2408.2	4552.6	6696.9	12028.0	17357.8	20404.7
55°	927.7	882.8	1057.0	1231.2	1827.6	2422.7	4815.1	7206.2	12975.4	18743.3	21612.1
57.5°	860.4	819.5	967.3	1113.7	1743.2	2372.6	5085.7	7797.4	13977.0	20155.3	22972.6
60°	770.6	761.4	867.0	972.5	1612.5	2251.2	5308.7	8364.8	14650.0	20933.8	23496.4
62.5°	696.7	702.0	779.9	857.7	1448.9	2038.8	5382.6	8725.1	14631.5	20537.9	22968.6
65°	640.0	649.2	725.8	802.3	1309.0	1815.7	5139.8	8462.5	13891.2	19318.7	21924.8
67.5°	584.6	595.1	686.2	775.9	1185.0	1592.7	4532.8	7471.5	12559.8	17646.7	20597.3
70°	531.8	545.0	644.0	742.9	1095.3	1446.3	3750.2	6054.2	10893.1	15730.7	19060.0
72.5°	475.0	488.2	593.8	699.4	1038.5	1376.3	3057.5	4737.3	8839.9	12941.1	16303.4
75°	417.0	426.2	541.0	654.5	960.7	1266.8	2399.0	3529.9	6765.5	10001.1	12314.3
77.5°	358.9	370.8	467.1	562.1	815.5	1067.5	1807.8	2548.1	4964.3	7379.1	8564.1
80°	286.3	296.9	365.5	432.8	629.4	824.7	1243.0	1661.4	3416.4	5171.4	5839.1
82.5°	219.1	230.9	277.1	322.0	448.7	575.3	753.5	931.6	2269.7	3606.4	3661.8
85°	150.4	154.4	187.4	219.1	277.1	335.2	431.5	527.8	1501.7	2475.5	2062.5
87.5°	75.2	75.2	97.6	120.1	149.1	178.1	228.3	277.1	480.3	683.5	393.2
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: P320843
 CATALOG NUMBER: GAN-SA9B-722-U-SLR

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: P320843

CATALOG NUMBER: GAN-SA9B-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2
2.5°	10858.8	10955.2	11052.8	11126.7	11201.9	11310.1	11418.3	11438.1	11459.2	11417.0	11374.8
5°	10998.7	11290.3	11583.3	11853.8	12124.3	12286.6	12448.9	12481.9	12514.9	12413.3	12310.4
7.5°	10480.1	10988.1	11496.2	11962.0	12427.8	12710.2	12993.9	13057.2	13121.9	12955.6	12789.4
10°	9787.3	10411.5	11035.7	11649.3	12262.9	12673.2	13083.6	13165.5	13247.3	13040.1	12832.9
12.5°	9251.6	9918.0	10584.4	11230.9	11878.9	12303.8	12728.7	12830.3	12931.9	12781.5	12629.7
15°	9086.6	9713.4	10340.2	10903.7	11468.5	11815.5	12163.9	12204.8	12247.0	12223.3	12199.5
17.5°	9386.2	9952.3	10519.7	10825.8	11133.3	11271.9	11411.7	11456.6	11502.8	11562.2	11622.9
20°	10111.9	10510.5	10910.3	10897.1	10882.6	10815.3	10746.7	10734.8	10722.9	10893.1	11064.7
22.5°	11195.3	11353.7	11513.3	11142.5	10771.7	10546.1	10319.1	10274.3	10228.1	10408.8	10591.0
25°	12371.1	12342.0	12311.7	11605.7	10898.4	10468.2	10038.0	9987.9	9937.8	10092.2	10247.9
27.5°	13534.9	13344.9	13154.9	12195.6	11236.2	10612.1	9987.9	9937.8	9887.6	10024.9	10162.1
30°	14388.7	14083.9	13779.1	12693.0	11607.0	10865.4	10123.8	10042.0	9958.9	10127.8	10296.7
32.5°	15055.1	14646.0	14237.0	13096.8	11956.7	11154.4	10352.1	10224.1	10096.1	10321.8	10547.4
35°	15720.2	15144.8	14568.2	13457.1	12344.7	11496.2	10646.4	10489.3	10332.3	10642.4	10952.5
37.5°	16556.8	15730.7	14903.3	13862.2	12821.0	12008.2	11194.0	11033.0	10872.0	11266.6	11662.5
40°	17464.6	16362.8	15260.9	14305.6	13350.2	12716.8	12082.1	11929.0	11774.6	12254.9	12735.3
42.5°	18219.4	16951.3	15683.2	14840.0	13995.5	13549.5	13102.1	13100.8	13098.2	13585.1	14072.0
45°	18833.1	17442.2	16050.1	15361.2	14671.1	14438.8	14206.6	14392.7	14578.7	15018.1	15458.9
47.5°	19290.9	17853.9	16415.6	15957.7	15499.8	15534.1	15568.4	15947.1	16325.8	16608.2	16891.9
50°	19589.2	18227.4	16864.2	16723.0	16581.8	16889.3	17198.1	17632.2	18067.7	18260.4	18453.0
52.5°	20023.3	18734.1	17443.5	17601.9	17760.2	18388.4	19016.5	19455.9	19895.3	19966.6	20039.1
55°	21027.5	19665.7	18302.6	18606.1	18910.9	19832.0	20754.4	21097.4	21440.5	21466.9	21493.3
57.5°	22454.0	20970.8	19487.6	19814.8	20142.1	21205.7	22270.6	22640.0	23010.8	22959.4	22906.6
60°	23521.5	22209.9	20896.9	21226.8	21556.7	22593.9	23631.0	24055.9	24482.2	24368.7	24255.2
62.5°	23587.5	22886.8	22184.8	22483.0	22782.6	23798.6	24814.7	25251.5	25688.3	25490.3	25292.4
65°	22538.4	22852.5	23166.6	23265.5	23364.5	24311.9	25260.7	25594.6	25929.8	25829.5	25729.2
67.5°	21093.5	22250.8	23409.4	23210.1	23010.8	23455.5	23900.2	24244.6	24589.1	24532.3	24474.3
70°	19651.2	21196.4	22741.6	21762.5	20782.1	20598.6	20415.2	20786.0	21158.2	20928.5	20697.6
72.5°	17195.5	18842.3	20490.4	18686.6	16882.7	16255.9	15629.1	16100.2	16571.3	16205.8	15838.9
75°	13498.0	15317.7	17138.7	14986.5	12834.2	11997.6	11161.0	11566.1	11971.2	11720.5	11468.5
77.5°	10048.6	11841.9	13635.2	11447.4	9258.2	8636.7	8013.8	8133.9	8255.3	8213.1	8169.5
80°	6815.6	8065.3	9316.2	7859.4	6402.6	6450.1	6498.9	6442.2	6384.1	6468.6	6553.0
82.5°	4349.3	5313.9	6279.9	5506.6	4733.3	5176.7	5620.1	5402.4	5183.3	5263.8	5345.6
85°	2482.1	3425.6	4370.4	4073.5	3775.3	4034.0	4293.9	3956.1	3618.3	3766.1	3915.2
87.5°	654.5	1894.9	3136.6	2847.7	2558.7	2223.5	1888.3	1441.0	993.6	1451.5	1909.4
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: P320843

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2	10055.2
2.5°	11352.3	11329.9	11249.4	11167.6	11046.2	10945.9	10771.7
5°	12167.8	12025.3	11779.9	11533.1	11258.7	10943.3	10593.6
7.5°	12456.8	12123.0	11651.9	11179.5	10754.6	10255.8	9791.3
10°	12334.1	11834.0	11221.7	10608.1	10092.2	9518.1	9002.2
12.5°	12099.2	11567.4	10893.1	10217.5	9630.3	9014.1	8436.1
15°	11775.9	11351.0	10719.0	10086.9	9495.7	8896.6	8211.7
17.5°	11422.3	11220.4	10763.8	10305.9	9793.9	9213.3	8409.7
20°	11137.3	11211.2	11029.1	10847.0	10436.6	9929.8	9027.2
22.5°	10944.6	11299.6	11439.4	11580.6	11333.9	10938.0	9894.2
25°	10836.4	11424.9	11893.4	12363.1	12253.6	11948.8	10947.2
27.5°	10883.9	11605.7	12332.8	13061.2	13162.8	13078.4	12057.0
30°	11026.4	11757.5	12642.9	13529.7	13934.8	14048.3	12982.0
32.5°	11263.9	11980.5	12945.1	13911.0	14523.3	14884.9	13827.9
35°	11622.9	12293.2	13298.7	14304.3	15096.0	15755.8	14701.4
37.5°	12239.1	12815.8	13743.4	14672.4	15699.0	16690.1	15663.4
40°	13141.7	13549.5	14333.3	15118.4	16410.3	17748.4	16736.2
42.5°	14280.5	14490.3	15111.8	15733.4	17153.2	18709.0	17785.3
45°	15514.3	15569.7	15960.3	16352.2	17741.8	19363.5	18573.1
47.5°	16701.9	16511.9	16667.6	16823.3	18193.1	19830.7	19170.9
50°	17923.9	17394.7	17312.9	17231.1	18644.4	20380.9	19930.9
52.5°	19166.9	18294.7	17971.4	17646.7	19182.7	21110.6	20877.1
55°	20383.6	19273.8	18838.3	18402.9	20006.2	22001.4	22266.6
57.5°	21649.0	20391.5	19987.7	19583.9	21216.2	23129.6	23513.6
60°	23010.8	21765.2	21441.9	21117.2	22720.5	24348.9	24069.1
62.5°	24302.7	23313.0	23142.8	22971.3	24242.0	25285.8	23852.7
65°	25165.7	24600.9	24759.3	24919.0	25392.7	25519.4	23219.3
67.5°	24589.1	24703.9	25372.9	26043.2	25717.3	24825.3	21971.0
70°	21385.1	22073.9	23658.8	25244.9	24521.8	22966.0	19730.4
72.5°	16612.2	17386.8	19739.6	22093.7	21427.3	19521.9	16205.8
75°	12342.0	13216.9	15813.9	18410.8	17485.8	14602.5	11603.1
77.5°	8755.4	9341.3	11905.3	14470.5	12962.2	9720.0	7808.0
80°	6373.6	6194.1	7623.2	9052.3	8801.6	6429.0	5014.4
82.5°	4907.5	4469.4	5142.4	5815.4	5778.4	4461.5	3679.0
85°	3739.7	3564.2	4159.3	4754.4	4245.1	3021.8	2338.3
87.5°	2179.9	2451.8	3152.5	3854.5	2892.5	917.1	453.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320843
CATALOG NUMBER: GAN-SA9B-722-U-SLR

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)