

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: P320584

Luminaire Tested: **GAN-SA0D-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320584
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-SA0D-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(10) 70 CRI, 2700K, 1200mA 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: 56442 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: B4 - U0 - G5

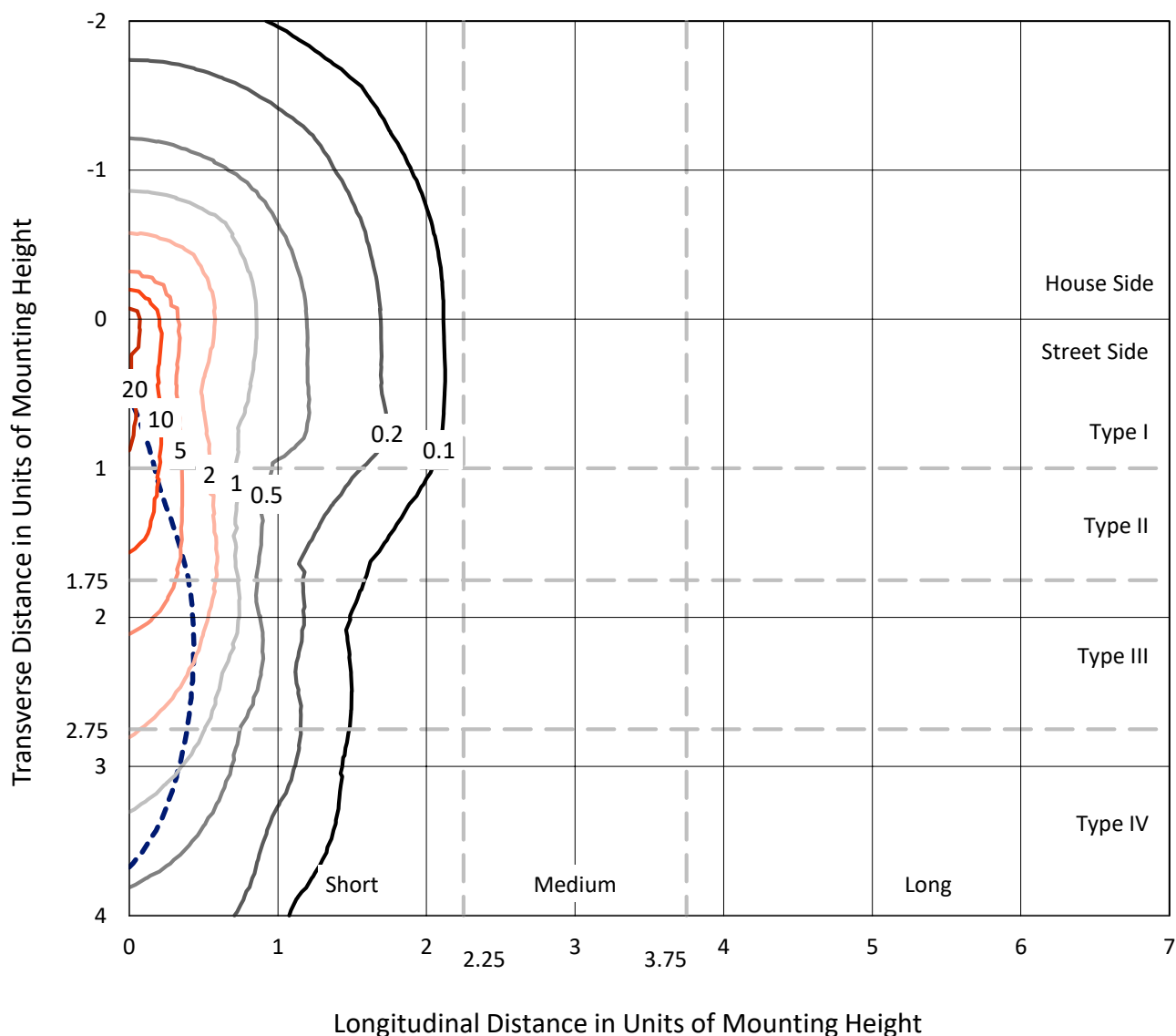
Input Watts (W): 640
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

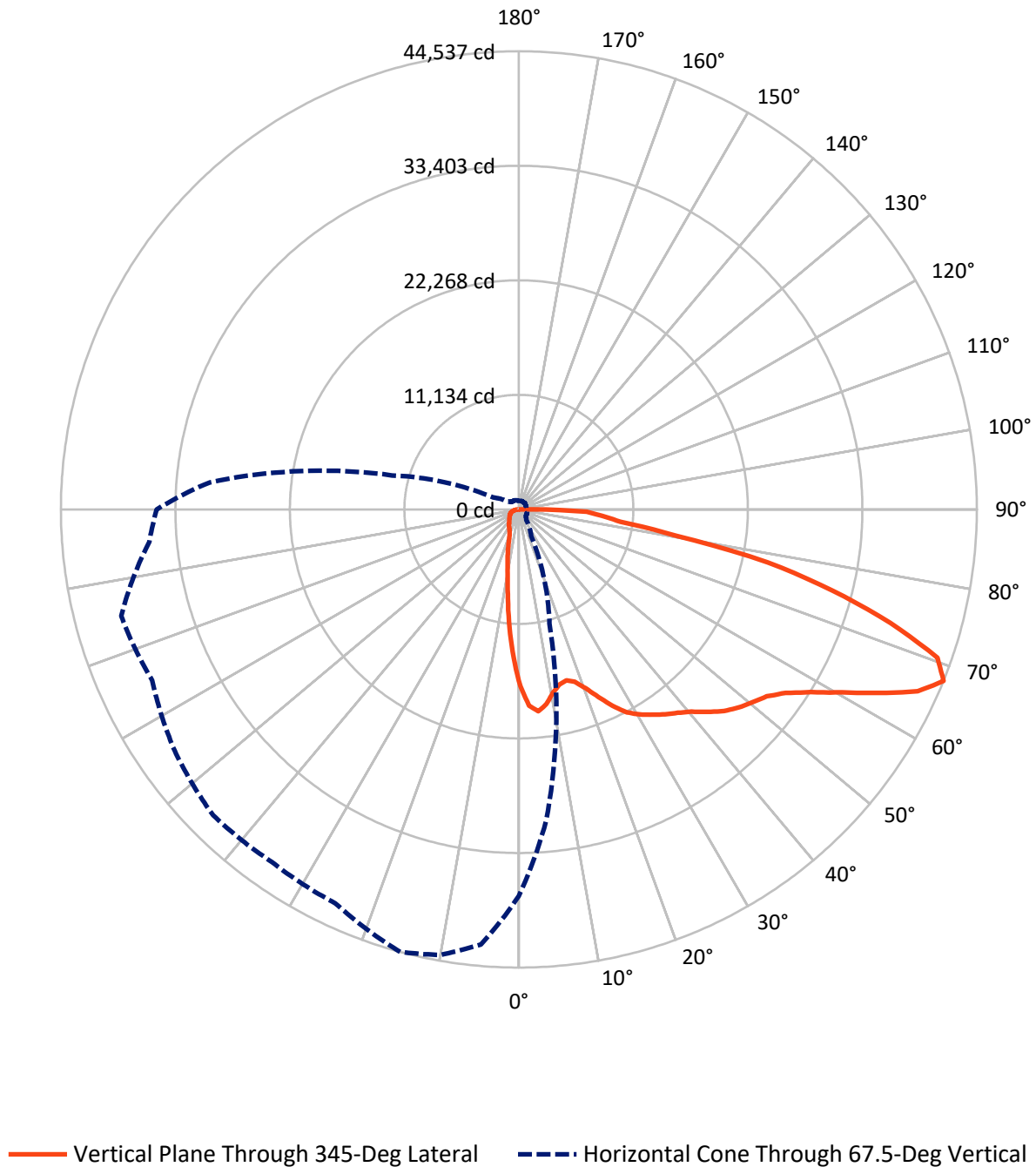
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 27.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9757.6	0.0	9757.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	46684.4	0.0	46684.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	56442.0	0.0	56442.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1327.1	2.4
10°-20°	2756.9	4.9
20°-30°	3920.9	6.9
30°-40°	5650.0	10.0
40°-50°	7962.5	14.1
50°-60°	11069.3	19.6
60°-70°	13386.0	23.7
70°-80°	8228.2	14.6
80°-90°	2141.0	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°	56442.0	100.0
0°-180°	56442.0	100.0

Coefficient of Utilization



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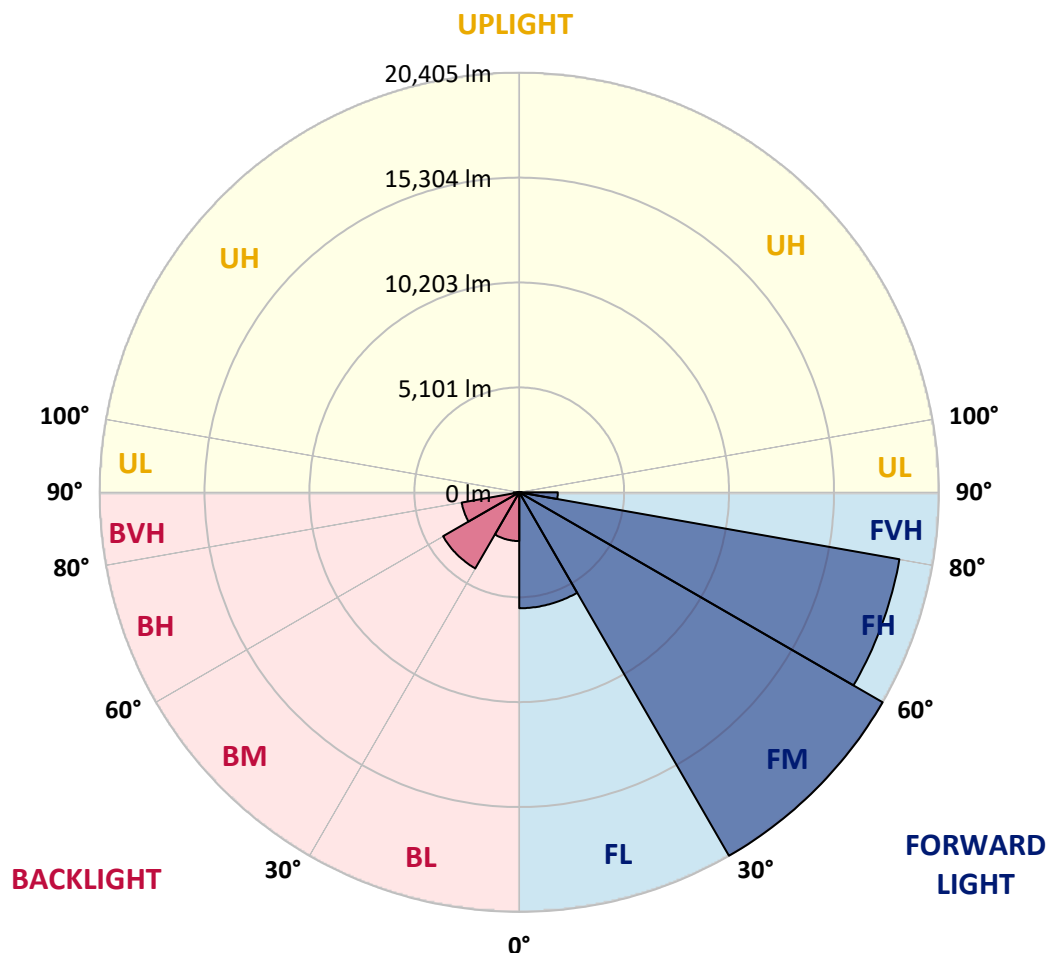
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5635.9	10.0			
FM	(30°-60°)	20405.2	36.2			
FH	(60°-80°)	18770.7	33.3			G5
FVH	(80°-90°)	1872.6	3.3			G5
BL	(0°-30°)	2369.1	4.2	B3/2500		
BM	(30°-60°)	4276.6	7.6	B3/5000		
BH	(60°-80°)	2843.5	5.0	B4/5000		G4/5000
BVH	(80°-90°)	268.4	0.5			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4
2.5°	18420.8	18258.3	18012.3	17766.4	17583.6	17398.5	17188.7	16978.8	16739.6	16498.2	16356.0
5°	18116.1	17664.8	17078.1	16491.4	16103.2	15715.1	15275.1	14835.0	14399.5	13964.0	13729.3
7.5°	16744.1	16067.1	15304.4	14541.7	13977.5	13411.1	12801.8	12190.3	11648.7	11104.8	10768.6
10°	15394.7	14582.3	13706.7	12828.9	12106.8	11384.6	10773.1	10159.3	9750.9	9342.4	9033.3
12.5°	14426.6	13526.2	12562.6	11596.8	10874.7	10152.5	9764.4	9376.3	9037.8	8699.3	8342.7
15°	14042.9	13025.2	12039.1	11050.7	10394.0	9737.3	9306.3	8873.0	8419.5	7963.6	7525.8
17.5°	14381.4	13189.9	12118.1	11046.2	10186.4	9326.6	8724.1	8119.3	7521.3	6923.3	6415.6
20°	15437.5	13916.6	12515.2	11111.6	9967.5	8823.4	8015.5	7205.4	6438.1	5670.9	5095.4
22.5°	16920.1	14907.2	13077.1	11247.0	9768.9	8288.6	7275.3	6259.9	5352.7	4445.5	3881.4
25°	18720.9	16220.6	13887.2	11551.6	9687.7	7821.4	6575.8	5330.1	4373.3	3414.3	3012.6
27.5°	20618.7	17786.7	14893.7	11998.4	9701.2	7404.0	5986.8	4567.4	3705.4	2843.3	2568.0
30°	22200.6	19576.2	16067.1	12555.8	9753.1	6950.4	5431.7	3913.0	3202.1	2491.3	2313.0
32.5°	23647.1	20824.1	16951.7	13077.1	9811.8	6544.2	5002.9	3459.4	2879.4	2297.2	2150.6
35°	25141.0	21932.1	17570.0	13205.7	9710.2	6212.5	4709.6	3206.7	2671.8	2134.8	2010.6
37.5°	26786.1	23130.4	18165.8	13199.0	9538.7	5878.5	4481.6	3082.5	2536.4	1988.1	1897.8
40°	28620.7	24455.0	18811.2	13167.4	9383.0	5596.4	4312.4	3026.1	2462.0	1895.6	1818.8
42.5°	30414.7	25718.7	19411.4	13104.2	9256.7	5406.9	4145.4	2884.0	2394.3	1902.3	1794.0
45°	31761.9	26822.2	19932.7	13041.0	9161.9	5282.7	4014.5	2746.3	2331.1	1915.9	1778.2
47.5°	32784.2	27930.2	20510.4	13088.4	9152.9	5217.3	3922.0	2626.7	2211.5	1794.0	1737.6
50°	34084.0	29261.6	21352.1	13442.7	9277.0	5111.2	3813.7	2513.9	2096.4	1678.9	1755.7
52.5°	35702.0	31161.7	22656.5	14149.0	9536.5	4923.9	3642.2	2360.4	1956.5	1550.3	1669.9
55°	38078.2	33596.6	24324.1	15049.4	9850.1	4648.6	3382.7	2114.5	1771.4	1426.2	1532.2
57.5°	40210.7	36056.3	25924.1	15789.6	10046.5	4301.1	3055.5	1809.8	1563.8	1317.9	1378.8
60°	41160.8	37324.5	26673.3	16019.7	9929.1	3838.5	2687.6	1534.5	1381.1	1227.6	1216.3
62.5°	40790.7	36518.9	25935.3	15351.8	9355.9	3360.1	2362.7	1365.3	1250.2	1132.8	1108.0
65°	39707.5	33987.0	23868.3	13749.6	8387.9	3026.1	2157.3	1288.5	1159.9	1031.3	1004.2
67.5°	37572.7	30383.1	20939.2	11495.2	7158.0	2820.8	2040.0	1259.2	1103.5	945.5	913.9
70°	33741.0	26045.9	17565.5	9082.9	5889.8	2694.4	1963.3	1232.1	1042.6	850.7	821.4
72.5°	27713.6	20882.8	14027.2	7169.3	4923.9	2678.6	1954.2	1229.9	992.9	756.0	728.9
75°	19842.5	15861.8	10707.7	5551.3	4032.6	2513.9	1854.9	1196.0	925.2	652.2	627.3
77.5°	13352.4	10978.5	7442.3	3904.0	2992.3	2080.6	1559.3	1038.0	792.1	546.1	521.3
80°	8575.2	7598.0	4987.1	2376.2	1940.7	1505.2	1114.8	724.4	577.7	428.8	408.4
82.5°	6291.5	5655.1	3466.2	1277.2	1078.7	877.8	681.5	485.2	394.9	304.6	295.6
85°	3998.7	4409.4	2552.2	695.0	568.7	442.3	365.6	288.8	227.9	167.0	167.0
87.5°	776.3	1074.2	706.3	336.2	246.0	155.7	133.1	108.3	60.9	11.3	13.5
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



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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°	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4
2.5°	16211.6	16055.9	15900.1	15724.1	15545.9	15381.1	15214.1	15031.3	15065.2	14925.3	14785.4
5°	13494.6	13246.4	12995.9	12779.2	12562.6	12375.3	12185.7	12016.5	12163.2	12063.9	11964.6
7.5°	10430.1	10123.2	9814.0	9554.5	9295.0	9094.2	8891.1	8751.2	8895.6	8877.5	8859.5
10°	8724.1	8426.2	8126.1	7839.5	7552.9	7309.2	7063.2	6855.6	6819.5	6715.7	6609.6
12.5°	7983.9	7575.5	7164.8	6864.6	6564.5	6273.4	5982.3	5738.6	5628.0	5456.5	5282.7
15°	7088.0	6605.1	6122.2	5781.5	5438.5	5156.4	4872.0	4662.2	4592.2	4459.1	4325.9
17.5°	5907.8	5379.8	4851.7	4506.5	4159.0	3933.3	3705.4	3565.5	3565.5	3527.1	3488.7
20°	4520.0	4048.4	3576.7	3312.7	3048.7	2929.1	2807.2	2748.6	2766.6	2768.9	2768.9
22.5°	3315.0	3026.1	2737.3	2631.2	2522.9	2480.0	2437.1	2412.3	2421.4	2423.6	2425.9
25°	2610.9	2500.3	2387.5	2333.3	2276.9	2249.9	2222.8	2213.7	2234.1	2236.3	2236.3
27.5°	2292.7	2225.0	2155.1	2121.2	2085.1	2073.8	2062.6	2046.8	2067.1	2067.1	2064.8
30°	2132.5	2060.3	1988.1	1945.2	1902.3	1906.8	1909.1	1904.6	1918.1	1927.2	1933.9
32.5°	2001.6	1931.7	1861.7	1818.8	1773.7	1766.9	1760.2	1755.7	1785.0	1800.8	1816.6
35°	1884.3	1807.6	1730.8	1690.2	1649.6	1633.8	1618.0	1606.7	1633.8	1654.1	1674.4
37.5°	1805.3	1726.3	1645.1	1606.7	1566.1	1545.8	1525.5	1511.9	1523.2	1532.2	1541.3
40°	1742.1	1660.9	1577.4	1532.2	1487.1	1466.8	1446.5	1435.2	1442.0	1444.2	1446.5
42.5°	1683.4	1604.5	1525.5	1475.8	1423.9	1399.1	1374.3	1360.7	1365.3	1369.8	1372.0
45°	1640.6	1561.6	1480.3	1421.7	1360.7	1333.7	1306.6	1290.8	1293.0	1293.0	1293.0
47.5°	1681.2	1566.1	1448.8	1381.1	1311.1	1279.5	1247.9	1232.1	1227.6	1223.1	1218.6
50°	1830.1	1633.8	1435.2	1349.5	1261.5	1227.6	1191.5	1173.4	1162.2	1157.6	1153.1
52.5°	1787.2	1618.0	1446.5	1335.9	1223.1	1182.5	1141.8	1112.5	1101.2	1094.5	1087.7
55°	1636.0	1530.0	1421.7	1288.5	1155.4	1119.3	1080.9	1060.6	1040.3	1035.8	1031.3
57.5°	1437.5	1394.6	1351.7	1216.3	1080.9	1047.1	1011.0	997.4	979.4	979.4	977.1
60°	1202.8	1266.0	1329.1	1173.4	1015.5	977.1	938.8	927.5	920.7	918.4	916.2
62.5°	1080.9	1184.7	1286.3	1121.5	954.6	913.9	873.3	859.8	857.5	859.8	859.8
65°	977.1	1008.7	1040.3	963.6	886.9	846.2	803.4	789.8	794.3	801.1	807.9
67.5°	882.3	875.6	868.8	841.7	812.4	778.5	742.4	728.9	731.1	740.2	749.2
70°	792.1	783.0	771.8	751.5	731.1	701.8	672.5	663.4	661.2	672.5	681.5
72.5°	701.8	690.5	677.0	661.2	643.1	618.3	593.5	586.7	589.0	595.7	602.5
75°	602.5	593.5	582.2	568.7	552.9	530.3	507.7	503.2	507.7	514.5	521.3
77.5°	494.2	491.9	487.4	476.1	464.9	440.0	413.0	410.7	417.5	424.2	428.8
80°	385.9	388.1	390.4	381.4	372.3	345.3	315.9	313.7	320.4	327.2	334.0
82.5°	284.3	291.1	295.6	284.3	273.1	241.5	209.9	205.4	227.9	234.7	241.5
85°	164.7	173.8	182.8	173.8	164.7	133.1	101.5	99.3	119.6	130.9	142.2
87.5°	13.5	18.1	22.6	20.3	18.1	9.0	0.0	0.0	2.3	11.3	20.3
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: P320584
 CATALOG NUMBER: GAN-SA0D-727-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: P320584

CATALOG NUMBER: GAN-SA0D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4
2.5°	14697.4	14609.4	14582.3	14555.2	14455.9	14354.4	14458.2	14559.7	14602.6	14645.5	14534.9
5°	11951.1	11935.3	11935.3	11933.0	11842.7	11750.2	11820.2	11887.9	11736.7	11585.5	11569.7
7.5°	8956.5	9053.6	9132.5	9209.3	9179.9	9150.6	9216.0	9281.5	9089.7	8895.6	8800.8
10°	6632.2	6652.5	6738.3	6824.0	6844.3	6862.4	6943.6	7022.6	6873.7	6724.7	6659.3
12.5°	5174.4	5066.1	5077.4	5086.4	5127.0	5165.4	5251.2	5334.7	5273.7	5210.5	5217.3
15°	4190.5	4052.9	3996.5	3937.8	3982.9	4028.1	4089.0	4147.7	4149.9	4149.9	4208.6
17.5°	3421.0	3351.1	3294.7	3236.0	3296.9	3355.6	3362.4	3369.1	3371.4	3373.6	3369.1
20°	2802.7	2836.6	2818.5	2800.5	2823.0	2843.3	2861.4	2877.2	2856.9	2834.3	2777.9
22.5°	2457.5	2486.8	2509.4	2529.7	2568.0	2604.1	2586.1	2565.8	2525.2	2482.3	2439.4
25°	2256.6	2276.9	2299.5	2322.1	2353.7	2383.0	2351.4	2319.8	2290.5	2261.1	2231.8
27.5°	2087.4	2107.7	2128.0	2146.0	2175.4	2202.5	2173.1	2143.8	2119.0	2094.1	2071.6
30°	1949.7	1963.3	1979.1	1994.9	2021.9	2046.8	2021.9	1994.9	1976.8	1956.5	1940.7
32.5°	1832.4	1845.9	1852.7	1859.5	1884.3	1909.1	1891.0	1873.0	1857.2	1841.4	1830.1
35°	1703.7	1730.8	1735.3	1739.9	1764.7	1789.5	1778.2	1764.7	1746.6	1728.6	1708.3
37.5°	1572.9	1604.5	1622.5	1638.3	1663.1	1688.0	1676.7	1665.4	1640.6	1615.7	1579.6
40°	1462.3	1475.8	1509.7	1541.3	1581.9	1620.3	1597.7	1572.9	1534.5	1496.1	1478.1
42.5°	1369.8	1367.5	1399.1	1430.7	1491.6	1550.3	1509.7	1469.1	1433.0	1396.8	1392.3
45°	1288.5	1281.8	1297.6	1313.4	1378.8	1442.0	1401.4	1358.5	1338.2	1317.9	1317.9
47.5°	1216.3	1211.8	1223.1	1232.1	1272.7	1311.1	1290.8	1270.5	1259.2	1247.9	1250.2
50°	1150.9	1146.4	1157.6	1166.7	1182.5	1196.0	1200.5	1202.8	1196.0	1189.2	1193.8
52.5°	1089.9	1089.9	1094.5	1096.7	1117.0	1137.3	1137.3	1135.1	1135.1	1135.1	1139.6
55°	1038.0	1042.6	1042.6	1042.6	1074.2	1103.5	1094.5	1085.4	1087.7	1087.7	1092.2
57.5°	986.1	992.9	997.4	1001.9	1033.5	1065.1	1056.1	1047.1	1047.1	1047.1	1049.3
60°	927.5	936.5	945.5	954.6	986.1	1017.7	1008.7	997.4	999.7	1001.9	1004.2
62.5°	871.1	880.1	889.1	898.1	929.7	961.3	952.3	941.0	947.8	952.3	952.3
65°	816.9	823.7	832.7	841.7	871.1	900.4	891.4	882.3	891.4	898.1	902.6
67.5°	756.0	760.5	769.5	778.5	807.9	837.2	828.2	816.9	828.2	837.2	846.2
70°	686.0	690.5	701.8	710.8	740.2	769.5	758.2	746.9	758.2	769.5	778.5
72.5°	609.3	613.8	625.1	634.1	668.0	701.8	688.3	674.7	688.3	701.8	706.3
75°	525.8	530.3	543.8	555.1	589.0	622.8	611.5	598.0	609.3	620.6	622.8
77.5°	435.5	442.3	460.4	478.4	505.5	532.6	525.8	519.0	525.8	532.6	532.6
80°	340.7	347.5	370.1	390.4	406.2	422.0	424.2	426.5	428.8	431.0	428.8
82.5°	252.7	261.8	282.1	302.4	302.4	302.4	320.4	336.2	336.2	334.0	331.7
85°	155.7	167.0	185.0	203.1	191.8	180.5	209.9	236.9	236.9	234.7	230.2
87.5°	31.6	42.9	60.9	76.7	65.4	54.2	83.5	112.8	115.1	115.1	110.6
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: P320584
 CATALOG NUMBER: GAN-SA0D-727-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: P320584

CATALOG NUMBER: GAN-SA0D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4
2.5°	14422.1	14598.1	14771.8	14817.0	14884.7	14914.0	14941.1	15162.2	15381.1	15638.4	15895.6
5°	11551.6	11682.5	11813.4	11833.7	11903.7	11939.8	11975.9	12244.4	12510.7	12869.5	13228.3
7.5°	8706.0	8737.6	8769.2	8764.7	8823.4	8902.4	8979.1	9265.7	9550.0	9935.9	10319.5
10°	6593.8	6666.1	6736.0	6801.5	6930.1	7079.0	7225.7	7519.1	7812.4	8193.8	8572.9
12.5°	5224.1	5307.6	5388.8	5461.0	5610.0	5808.5	6004.9	6356.9	6708.9	7164.8	7618.3
15°	4265.0	4258.2	4251.5	4301.1	4432.0	4648.6	4863.0	5235.4	5607.7	6108.7	6607.4
17.5°	3364.6	3330.8	3296.9	3335.3	3457.1	3635.4	3811.4	4127.4	4441.0	4926.2	5411.4
20°	2721.5	2698.9	2676.4	2712.5	2789.2	2863.7	2938.1	3166.0	3391.7	3786.6	4179.3
22.5°	2394.3	2392.0	2387.5	2407.8	2443.9	2482.3	2518.4	2629.0	2737.3	2992.3	3245.0
25°	2202.5	2200.2	2197.9	2207.0	2236.3	2265.6	2295.0	2367.2	2439.4	2561.3	2683.1
27.5°	2049.0	2044.5	2040.0	2042.2	2049.0	2094.1	2137.0	2170.9	2202.5	2286.0	2367.2
30°	1924.9	1922.6	1920.4	1920.4	1913.6	1929.4	1945.2	1997.1	2046.8	2132.5	2218.3
32.5°	1818.8	1807.6	1796.3	1771.4	1755.7	1778.2	1800.8	1854.9	1909.1	1988.1	2067.1
35°	1685.7	1656.4	1624.8	1611.2	1613.5	1636.0	1658.6	1712.8	1764.7	1850.4	1933.9
37.5°	1541.3	1532.2	1521.0	1518.7	1525.5	1548.0	1570.6	1618.0	1663.1	1748.9	1832.4
40°	1460.0	1455.5	1451.0	1446.5	1451.0	1473.6	1496.1	1541.3	1584.1	1667.6	1748.9
42.5°	1387.8	1385.6	1383.3	1383.3	1385.6	1410.4	1435.2	1480.3	1523.2	1597.7	1672.2
45°	1317.9	1320.1	1320.1	1324.6	1331.4	1356.2	1378.8	1428.4	1478.1	1550.3	1622.5
47.5°	1252.4	1259.2	1263.7	1275.0	1281.8	1308.8	1333.7	1387.8	1442.0	1532.2	1620.3
50°	1196.0	1202.8	1207.3	1216.3	1234.4	1266.0	1297.6	1363.0	1426.2	1577.4	1726.3
52.5°	1144.1	1150.9	1157.6	1166.7	1189.2	1225.3	1261.5	1342.7	1421.7	1597.7	1773.7
55°	1096.7	1103.5	1108.0	1121.5	1144.1	1175.7	1205.0	1304.3	1403.6	1532.2	1660.9
57.5°	1051.6	1058.4	1062.9	1071.9	1083.2	1117.0	1148.6	1254.7	1360.7	1451.0	1539.0
60°	1004.2	1008.7	1011.0	1011.0	1020.0	1058.4	1096.7	1232.1	1365.3	1349.5	1331.4
62.5°	952.3	956.8	959.1	952.3	963.6	1004.2	1044.8	1220.8	1396.8	1288.5	1180.2
65°	904.9	902.6	900.4	893.6	907.2	947.8	986.1	1074.2	1162.2	1119.3	1076.4
67.5°	853.0	846.2	839.5	830.4	844.0	880.1	913.9	943.3	972.6	977.1	981.6
70°	787.6	778.5	769.5	767.3	774.0	803.4	832.7	853.0	871.1	880.1	886.9
72.5°	710.8	704.1	697.3	692.8	695.0	719.9	742.4	760.5	778.5	785.3	789.8
75°	625.1	625.1	622.8	609.3	609.3	629.6	647.7	663.4	679.2	688.3	697.3
77.5°	532.6	534.8	534.8	516.8	514.5	534.8	552.9	566.4	577.7	586.7	593.5
80°	426.5	422.0	417.5	406.2	401.7	426.5	449.1	460.4	469.4	471.6	471.6
82.5°	327.2	318.2	306.9	282.1	284.3	311.4	336.2	345.3	354.3	354.3	354.3
85°	223.4	205.4	185.0	164.7	167.0	196.3	223.4	232.4	241.5	246.0	248.2
87.5°	106.1	88.0	67.7	51.9	51.9	76.7	99.3	103.8	108.3	117.3	126.4
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



REPORT NUMBER: P320584
 CATALOG NUMBER: GAN-SA0D-727-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: P320584

CATALOG NUMBER: GAN-SA0D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4
2.5°	16092.0	16286.0	16486.9	16687.7	16917.9	17148.1	17416.6	17682.9	17910.8	18138.7	18328.3
5°	13537.5	13846.6	14209.9	14573.3	15035.9	15498.5	16064.9	16629.0	17132.3	17635.5	18220.0
7.5°	10723.5	11125.1	11599.0	12072.9	12670.9	13268.9	14002.3	14735.7	15446.6	16155.1	17053.3
10°	8994.9	9416.9	9884.0	10348.9	10958.1	11565.2	12341.5	13115.5	13914.3	14710.9	15726.4
12.5°	8087.7	8554.8	8965.6	9376.3	9870.5	10362.4	11113.9	11865.3	12804.1	13740.6	14717.7
15°	7119.6	7629.6	8121.6	8613.5	9152.9	9689.9	10421.1	11152.2	12179.0	13205.7	14329.5
17.5°	5948.5	6485.5	7085.8	7683.8	8387.9	9089.7	10026.2	10962.7	12179.0	13393.0	14717.7
20°	4727.6	5276.0	5993.6	6711.2	7586.8	8460.1	9674.1	10888.2	12526.5	14162.5	15852.8
22.5°	3730.2	4213.1	4996.2	5776.9	6787.9	7798.9	9355.9	10910.8	13052.3	15191.6	17473.0
25°	3023.9	3364.6	4134.1	4901.4	6068.1	7234.7	9161.9	11086.8	13817.3	16545.5	19375.3
27.5°	2590.6	2814.0	3531.6	4247.0	5521.9	6794.7	9082.9	11368.9	14787.6	18206.4	21444.7
30°	2374.0	2529.7	3136.7	3741.5	5036.8	6332.1	8988.1	11644.2	15721.9	19797.3	23062.7
32.5°	2193.4	2317.5	2836.6	3353.3	4617.0	5880.8	8805.3	11727.7	16374.0	21020.4	24432.4
35°	2040.0	2143.8	2595.1	3046.4	4287.6	5528.7	8498.4	11468.1	16782.5	22096.8	25858.6
37.5°	1915.9	1997.1	2414.6	2832.1	4003.2	5174.4	8148.7	11122.9	17145.8	23168.7	27463.1
40°	1818.8	1888.8	2279.2	2669.6	3732.4	4795.3	7848.5	10899.5	17646.8	24394.1	29157.8
42.5°	1764.7	1854.9	2161.8	2466.5	3475.2	4483.9	7607.1	10730.2	18111.6	25490.8	30640.4
45°	1751.1	1879.8	2100.9	2322.1	3283.4	4244.7	7392.7	10538.4	18411.8	26285.1	31757.4
47.5°	1728.6	1834.6	2053.5	2272.4	3188.6	4102.5	7277.6	10450.4	18711.9	26971.1	32684.9
50°	1742.1	1755.7	2015.2	2272.4	3175.1	4077.7	7408.5	10739.3	19361.8	27982.1	33745.5
52.5°	1717.3	1658.6	1943.0	2227.3	3172.8	4118.3	7785.3	11452.3	20569.1	29683.6	34894.1
55°	1586.4	1509.7	1807.6	2105.4	3125.4	4143.2	8234.4	12323.4	22189.3	32053.0	36958.9
57.5°	1471.3	1401.4	1654.1	1904.6	2981.0	4057.4	8697.0	13334.4	23902.1	34467.6	39285.5
60°	1317.9	1302.1	1482.6	1663.1	2757.6	3849.8	9078.4	14304.7	25053.0	35799.0	40181.4
62.5°	1191.5	1200.5	1333.7	1466.8	2477.8	3486.5	9204.8	14920.8	25021.4	35122.0	39278.7
65°	1094.5	1110.3	1241.1	1372.0	2238.6	3105.1	8789.5	14471.7	23755.4	33036.9	37493.7
67.5°	999.7	1017.7	1173.4	1326.9	2026.4	2723.7	7751.5	12777.0	21478.5	30177.8	35223.6
70°	909.4	932.0	1101.2	1270.5	1873.0	2473.3	6413.3	10353.4	18628.4	26901.2	32594.6
72.5°	812.4	834.9	1015.5	1196.0	1776.0	2353.7	5228.6	8101.3	15117.1	22130.7	27880.5
75°	713.1	728.9	925.2	1119.3	1642.8	2166.4	4102.5	6036.5	11569.7	17102.9	21058.8
77.5°	613.8	634.1	798.8	961.3	1394.6	1825.6	3091.6	4357.5	8489.4	12619.0	14645.5
80°	489.7	507.7	625.1	740.2	1076.4	1410.4	2125.7	2841.1	5842.4	8843.7	9985.5
82.5°	374.6	394.9	473.9	550.6	767.3	983.9	1288.5	1593.2	3881.4	6167.3	6262.1
85°	257.3	264.0	320.4	374.6	473.9	573.2	737.9	902.6	2568.0	4233.4	3527.1
87.5°	128.6	128.6	167.0	205.4	255.0	304.6	390.4	473.9	821.4	1168.9	672.5
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: P320584
 CATALOG NUMBER: GAN-SA0D-727-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: P320584

CATALOG NUMBER: GAN-SA0D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4
2.5°	18569.7	18734.5	18901.5	19027.8	19156.4	19341.5	19526.5	19560.4	19596.5	19524.3	19452.1
5°	18808.9	19307.6	19808.6	20271.2	20733.8	21011.4	21289.0	21345.4	21401.8	21228.0	21052.0
7.5°	17922.1	18790.9	19659.7	20456.3	21252.8	21735.8	22220.9	22329.3	22439.8	22155.5	21871.2
10°	16737.4	17804.7	18872.1	19921.4	20970.8	21672.6	22374.4	22514.3	22654.2	22299.9	21945.6
12.5°	15821.2	16960.8	18100.4	19206.1	20314.1	21040.7	21767.4	21941.1	22114.9	21857.6	21598.1
15°	15539.1	16611.0	17682.9	18646.5	19612.3	20205.8	20801.5	20871.5	20943.7	20903.1	20862.5
17.5°	16051.3	17019.4	17989.8	18513.3	19039.1	19276.1	19515.3	19592.0	19671.0	19772.5	19876.3
20°	17292.5	17974.0	18657.7	18635.2	18610.3	18495.3	18377.9	18357.6	18337.3	18628.4	18921.8
22.5°	19145.2	19416.0	19689.0	19054.9	18420.8	18034.9	17646.8	17570.0	17491.1	17800.2	18111.6
25°	21155.8	21106.2	21054.3	19847.0	18637.4	17901.8	17166.1	17080.4	16994.6	17258.6	17524.9
27.5°	23146.2	22821.2	22496.2	20855.7	19215.1	18147.7	17080.4	16994.6	16908.9	17143.5	17378.2
30°	24606.2	24084.9	23563.6	21706.4	19849.2	18581.0	17312.8	17172.9	17030.7	17319.6	17608.4
32.5°	25745.8	25046.2	24346.7	22397.0	20447.2	19075.2	17703.2	17484.3	17265.4	17651.3	18037.2
35°	26883.1	25899.2	24913.1	23013.0	21110.7	19659.7	18206.4	17937.9	17669.3	18199.6	18729.9
37.5°	28313.8	26901.2	25486.3	23705.8	21925.3	20535.2	19142.9	18867.6	18592.3	19267.0	19944.0
40°	29866.4	27982.1	26097.8	24464.0	22830.2	21747.0	20661.6	20399.8	20135.8	20957.2	21778.6
42.5°	31157.2	28988.5	26819.9	25378.0	23933.7	23171.0	22406.0	22403.7	22399.2	23231.9	24064.6
45°	32206.5	29828.0	27447.3	26269.3	25089.1	24691.9	24294.8	24613.0	24931.1	25682.6	26436.3
47.5°	32989.5	30532.1	28072.4	27289.3	26506.3	26564.9	26623.6	27271.3	27918.9	28401.8	28887.0
50°	33499.5	31170.7	28839.6	28598.1	28356.7	28882.5	29410.5	30153.0	30897.6	31227.1	31556.6
52.5°	34242.0	32037.2	29830.3	30101.1	30371.9	31446.0	32520.2	33271.6	34023.1	34144.9	34269.0
55°	35959.2	33630.4	31299.3	31818.3	32339.6	33914.7	35492.1	36078.8	36665.6	36710.7	36755.8
57.5°	38398.7	35862.2	33325.8	33885.4	34445.1	36263.9	38085.0	38716.8	39350.9	39262.9	39172.7
60°	40224.3	37981.2	35735.8	36300.0	36864.1	38637.9	40411.6	41138.2	41867.1	41673.0	41478.9
62.5°	40337.1	39138.8	37938.3	38448.3	38960.5	40698.1	42435.7	43182.7	43929.6	43591.1	43252.6
65°	38543.1	39080.1	39617.2	39786.5	39955.7	41576.0	43198.5	43769.4	44342.6	44171.1	43999.6
67.5°	36072.1	38051.1	40032.4	39691.7	39350.9	40111.4	40871.9	41460.9	42049.9	41952.8	41853.5
70°	33605.6	36248.1	38890.6	37216.2	35539.5	35225.8	34912.2	35546.3	36182.6	35790.0	35395.1
72.5°	29406.0	32222.3	35040.8	31956.0	28871.2	27799.3	26727.4	27533.0	28338.6	27713.6	27086.2
75°	23083.0	26194.8	29309.0	25628.4	21947.9	20517.2	19086.5	19779.3	20472.1	20043.3	19612.3
77.5°	17184.2	20250.9	23317.7	19576.2	15832.4	14769.6	13704.5	13909.8	14117.4	14045.2	13970.7
80°	11655.4	13792.5	15931.7	13440.4	10949.1	11030.4	11113.9	11016.8	10917.5	11062.0	11206.4
82.5°	7437.8	9087.4	10739.3	9416.9	8094.5	8852.7	9610.9	9238.6	8864.0	9001.7	9141.6
85°	4244.7	5858.2	7473.9	6966.2	6456.2	6898.5	7343.0	6765.3	6187.7	6440.4	6695.4
87.5°	1119.3	3240.5	5364.0	4869.8	4375.6	3802.4	3229.2	2464.2	1699.2	2482.3	3265.3
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: P320584

CATALOG NUMBER: GAN-SA0D-727-U-SLR

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: P320584

CATALOG NUMBER: GAN-SA0D-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4	17195.4
2.5°	19413.7	19375.3	19237.7	19097.8	18890.2	18718.7	18420.8
5°	20808.3	20564.6	20144.8	19722.9	19253.5	18714.2	18116.1
7.5°	21302.5	20731.6	19926.0	19118.1	18391.5	17538.5	16744.1
10°	21092.6	20237.4	19190.3	18141.0	17258.6	16277.0	15394.7
12.5°	20691.0	19781.5	18628.4	17473.0	16468.8	15415.0	14426.6
15°	20138.1	19411.4	18330.5	17249.6	16238.6	15214.1	14042.9
17.5°	19533.3	19188.0	18407.3	17624.2	16748.6	15755.7	14381.4
20°	19045.9	19172.2	18860.8	18549.4	17847.6	16981.1	15437.5
22.5°	18716.4	19323.4	19562.6	19804.1	19382.1	18705.1	16920.1
25°	18531.4	19537.8	20338.9	21142.3	20955.0	20433.7	18720.9
27.5°	18612.6	19847.0	21090.4	22336.0	22509.8	22365.4	20618.7
30°	18856.3	20106.5	21620.7	23137.1	23829.9	24024.0	22200.6
32.5°	19262.5	20487.9	22137.4	23789.3	24836.4	25454.7	23647.1
35°	19876.3	21022.7	22742.2	24461.8	25815.7	26944.0	25141.0
37.5°	20930.2	21916.3	23502.7	25091.4	26847.0	28541.7	26786.1
40°	22473.7	23171.0	24511.4	25854.1	28063.3	30351.5	28620.7
42.5°	24421.1	24779.9	25842.8	26905.7	29333.8	31994.4	30414.7
45°	26531.1	26625.9	27293.8	27964.0	30340.3	33113.6	31761.9
47.5°	28562.0	28237.1	28503.4	28769.7	31112.0	33912.5	32784.2
50°	30651.7	29746.8	29606.9	29466.9	31883.8	34853.5	34084.0
52.5°	32777.4	31285.8	30732.9	30177.8	32804.5	36101.4	35702.0
55°	34858.0	32960.2	32215.5	31470.8	34212.6	37624.6	38078.2
57.5°	37022.1	34871.6	34181.0	33490.5	36281.9	39554.0	40210.7
60°	39350.9	37220.7	36667.8	36112.7	38854.5	41639.2	41160.8
62.5°	41560.2	39867.7	39576.6	39283.2	41456.4	43241.4	40790.7
65°	43036.0	42070.2	42341.0	42614.0	43424.1	43640.8	39707.5
67.5°	42049.9	42246.2	43390.3	44536.7	43979.3	42453.8	37572.7
70°	36570.8	37748.7	40458.9	43171.4	41934.8	39274.2	33741.0
72.5°	28408.6	29733.2	33756.8	37782.6	36643.0	33384.4	27713.6
75°	21106.2	22602.3	27043.3	31484.4	29902.5	24971.8	19842.5
77.5°	14972.7	15974.6	20359.2	24746.1	22166.8	16622.3	13352.4
80°	10899.5	10592.6	13036.5	15480.4	15051.7	10994.3	8575.2
82.5°	8392.4	7643.2	8794.0	9944.9	9881.7	7629.6	6291.5
85°	6395.3	6095.1	7112.9	8130.6	7259.5	5167.7	3998.7
87.5°	3727.9	4192.8	5391.1	6591.6	4946.5	1568.4	776.3
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: P320584

CATALOG NUMBER: GAN-SA0D-727-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)