

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: P320741

Luminaire Tested: **GAN-SA7D-760-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320741
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-SA7D-760-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 5700K, 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: 48230 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

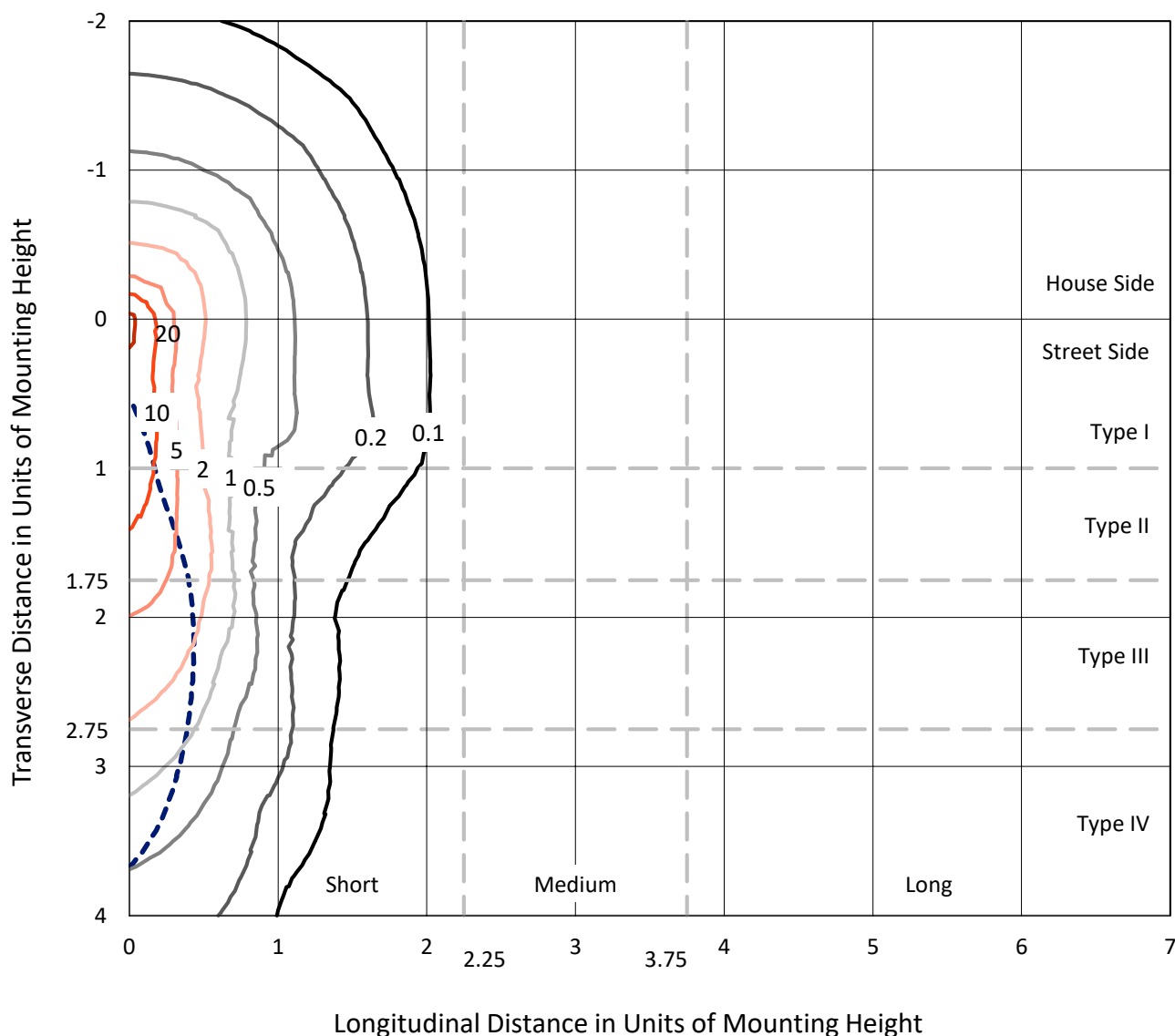
Input Watts (W): 448
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

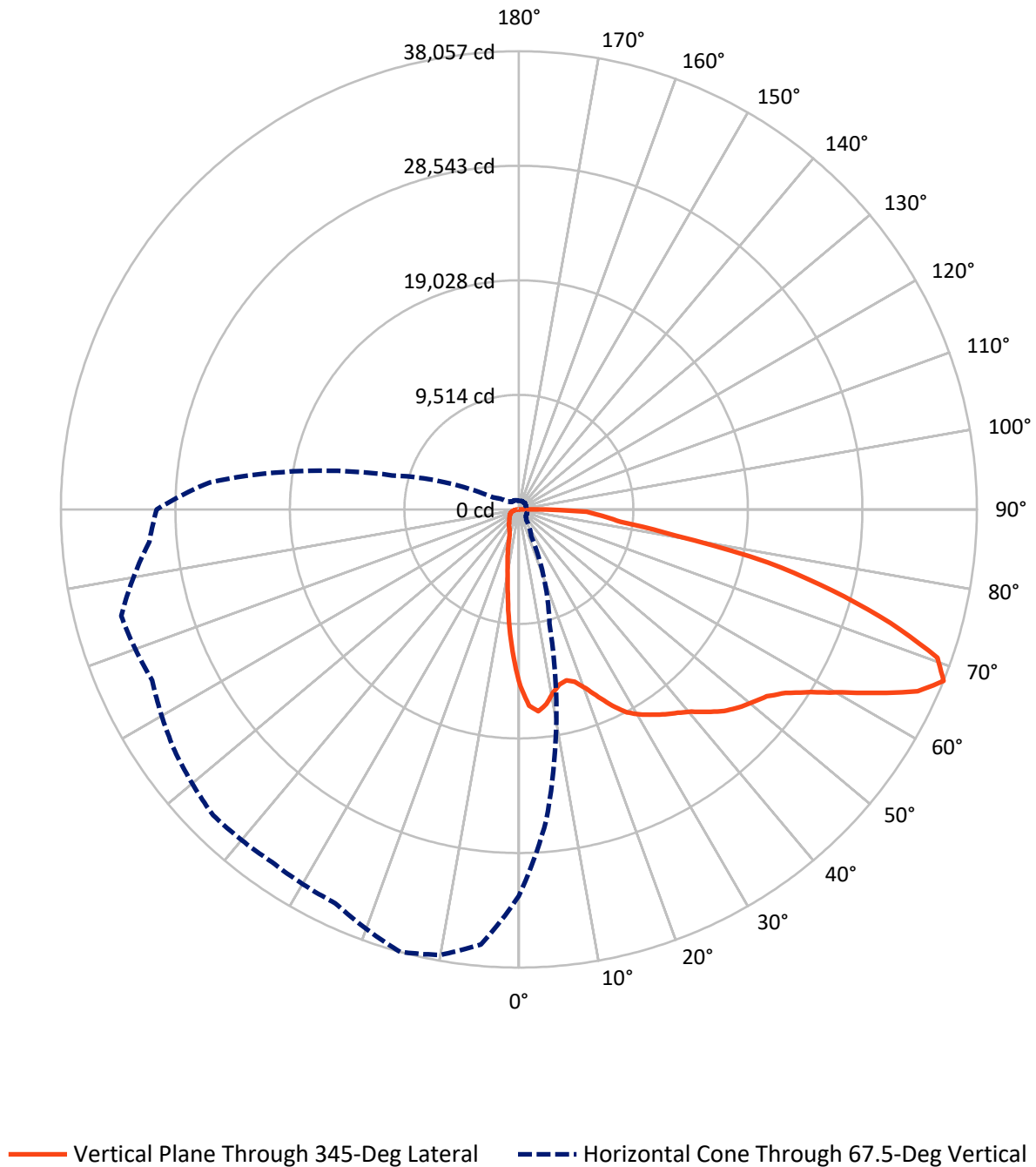
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 23.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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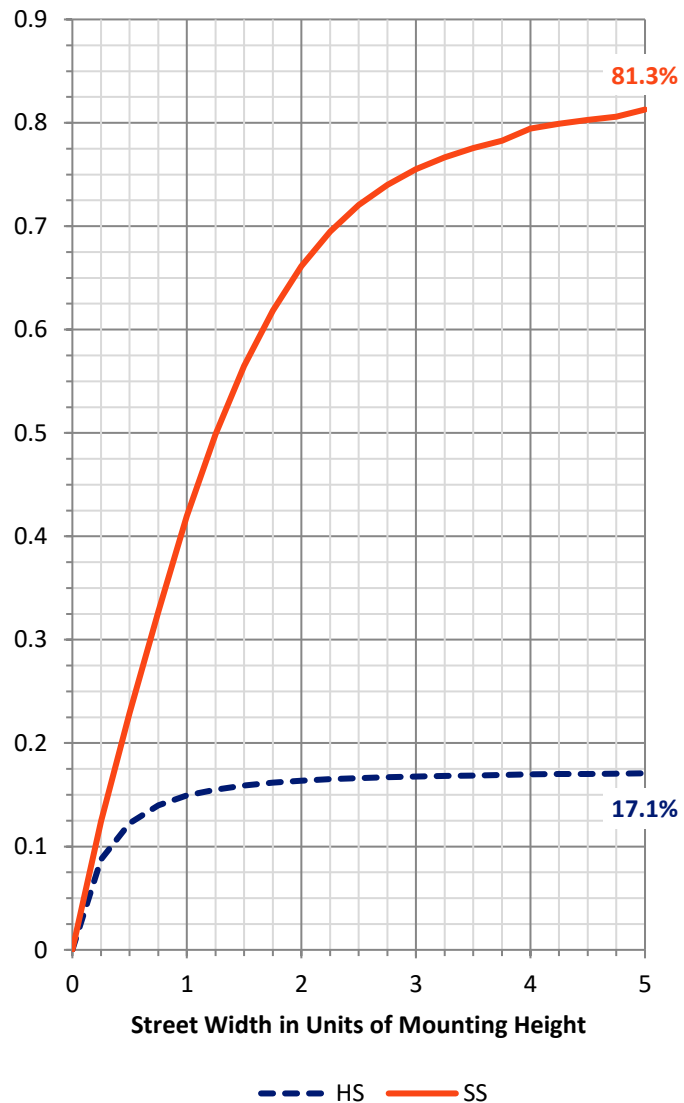
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8337.9	0.0	8337.9
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	39892.1	0.0	39892.1
	% Fixture	82.7	0.0	82.7
Total	Lumens	48230.0	0.0	48230.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1134.0	2.4
10°-20°	2355.8	4.9
20°-30°	3350.5	6.9
30°-40°	4828.0	10.0
40°-50°	6804.0	14.1
50°-60°	9458.8	19.6
60°-70°	11438.4	23.7
70°-80°	7031.0	14.6
80°-90°	1829.5	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°	48230.0	100.0
0°-180°	48230.0	100.0

Coefficient of Utilization



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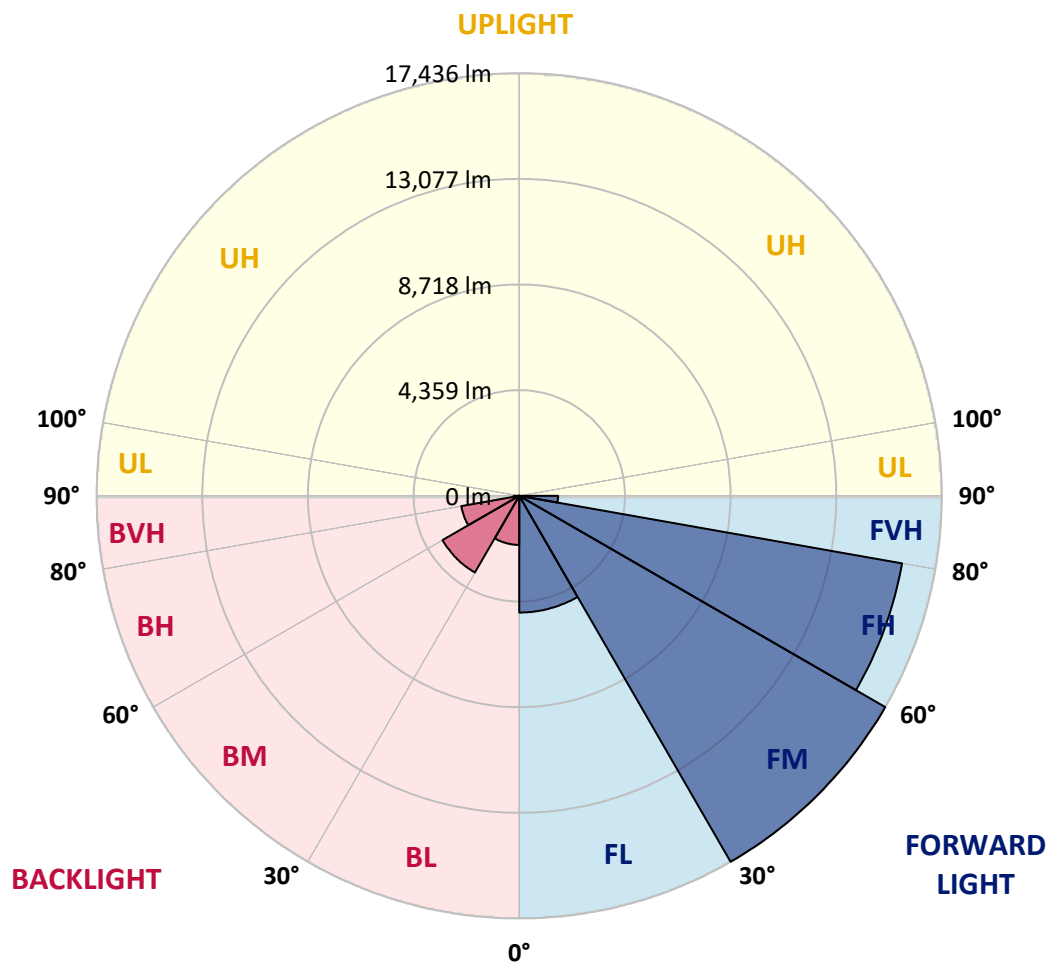
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4815.9	10.0			
FM	(30°-60°)	17436.4	36.2			
FH	(60°-80°)	16039.6	33.3			G5
FVH	(80°-90°)	1600.2	3.3			G5
BL	(0°-30°)	2024.4	4.2	B3/2500		
BM	(30°-60°)	3654.4	7.6	B3/5000		
BH	(60°-80°)	2429.8	5.0	B3/2500		G3/2500
BVH	(80°-90°)	229.3	0.5			G3/500
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°	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6
2.5°	15740.7	15601.8	15391.6	15181.5	15025.3	14867.2	14687.8	14508.5	14304.1	14097.8	13976.3
5°	15480.3	15094.7	14593.3	14092.0	13760.3	13428.6	13052.6	12676.6	12304.4	11932.3	11731.7
7.5°	14307.9	13729.5	13077.7	12425.9	11943.9	11459.9	10939.2	10416.6	9953.9	9489.1	9201.8
10°	13154.8	12460.6	11712.5	10962.4	10345.3	9728.2	9205.7	8681.2	8332.2	7983.1	7719.0
12.5°	12327.6	11558.2	10734.8	9909.5	9292.5	8675.4	8343.7	8012.1	7722.8	7433.6	7128.9
15°	11999.8	11130.1	10287.5	9442.9	8881.7	8320.6	7952.3	7582.1	7194.5	6805.0	6430.9
17.5°	12289.0	11270.9	10354.9	9439.0	8704.3	7969.6	7454.8	6938.0	6427.0	5916.0	5482.1
20°	13191.5	11891.8	10694.3	9494.9	8517.3	7539.6	6849.3	6157.0	5501.4	4845.8	4354.1
22.5°	14458.4	12738.3	11174.5	9610.6	8347.6	7082.6	6216.8	5349.1	4573.9	3798.7	3316.7
25°	15997.1	13860.6	11866.7	9870.9	8278.2	6683.5	5619.0	4554.6	3737.0	2917.5	2574.3
27.5°	17618.8	15198.8	12726.7	10252.7	8289.7	6326.7	5115.8	3902.9	3166.3	2429.7	2194.4
30°	18970.6	16728.0	13729.5	10729.0	8334.1	5939.1	4641.4	3343.7	2736.2	2128.8	1976.5
32.5°	20206.6	17794.3	14485.3	11174.5	8384.2	5592.1	4275.0	2956.1	2460.5	1963.0	1837.7
35°	21483.1	18741.1	15013.7	11284.4	8297.5	5308.6	4024.4	2740.1	2283.1	1824.2	1718.1
37.5°	22888.9	19765.0	15522.8	11278.6	8150.9	5023.2	3829.6	2634.1	2167.4	1698.8	1621.7
40°	24456.6	20896.9	16074.3	11251.6	8017.8	4782.2	3685.0	2585.8	2103.8	1619.8	1554.2
42.5°	25989.6	21976.8	16587.2	11197.6	7909.9	4620.2	3542.3	2464.4	2045.9	1625.6	1533.0
45°	27140.7	22919.7	17032.6	11143.6	7828.9	4514.1	3430.4	2346.7	1991.9	1637.1	1519.5
47.5°	28014.3	23866.5	17526.3	11184.1	7821.2	4458.2	3351.4	2244.5	1889.7	1533.0	1484.8
50°	29125.0	25004.2	18245.5	11486.8	7927.2	4367.6	3258.8	2148.1	1791.4	1434.7	1500.2
52.5°	30507.5	26627.8	19360.1	12090.4	8149.0	4207.5	3112.3	2017.0	1671.8	1324.7	1426.9
55°	32538.0	28708.4	20785.1	12859.8	8417.0	3972.3	2890.5	1806.8	1513.7	1218.7	1309.3
57.5°	34360.3	30810.3	22152.2	13492.3	8584.8	3675.3	2610.9	1546.5	1336.3	1126.1	1178.2
60°	35172.1	31894.0	22792.4	13689.0	8484.5	3280.0	2296.6	1311.2	1180.1	1049.0	1039.4
62.5°	34855.9	31205.6	22161.9	13118.2	7994.7	2871.2	2018.9	1166.6	1068.3	968.0	946.8
65°	33930.3	29042.0	20395.6	11749.1	7167.5	2585.8	1843.4	1101.1	991.1	881.2	858.1
67.5°	32106.1	25962.6	17892.6	9822.7	6116.5	2410.4	1743.2	1076.0	942.9	808.0	781.0
70°	28831.9	22256.4	15009.8	7761.4	5032.8	2302.4	1677.6	1052.8	890.9	727.0	701.9
72.5°	23681.4	17844.4	11986.3	6126.2	4207.5	2288.9	1669.9	1050.9	848.4	646.0	622.8
75°	16955.5	13554.0	9149.8	4743.6	3445.9	2148.1	1585.1	1022.0	790.6	557.3	536.1
77.5°	11409.7	9381.2	6359.5	3335.9	2556.9	1777.9	1332.5	887.0	676.8	466.6	445.4
80°	7327.5	6492.6	4261.5	2030.5	1658.3	1286.2	952.6	619.0	493.6	366.4	349.0
82.5°	5376.1	4832.3	2961.9	1091.4	921.7	750.1	582.3	414.6	337.5	260.3	252.6
85°	3416.9	3767.9	2180.9	593.9	485.9	377.9	312.4	246.8	194.8	142.7	142.7
87.5°	663.3	917.9	603.6	287.3	210.2	133.1	113.8	92.6	52.1	9.6	11.6
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



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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°	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6
2.5°	13852.9	13719.8	13586.8	13436.4	13284.0	13143.3	13000.6	12844.4	12873.3	12753.7	12634.2
5°	11531.2	11319.1	11105.0	10919.9	10734.8	10574.8	10412.8	10268.2	10393.5	10308.7	10223.8
7.5°	8912.6	8650.3	8386.2	8164.4	7942.6	7771.0	7597.5	7477.9	7601.3	7585.9	7570.5
10°	7454.8	7200.3	6943.8	6698.9	6454.0	6245.7	6035.6	5858.2	5827.3	5738.6	5648.0
12.5°	6822.3	6473.3	6122.3	5865.9	5609.4	5360.7	5111.9	4903.7	4809.2	4662.6	4514.1
15°	6056.8	5644.1	5231.5	4940.3	4647.2	4406.2	4163.2	3983.9	3924.1	3810.3	3696.5
17.5°	5048.3	4597.1	4145.8	3850.8	3553.8	3361.0	3166.3	3046.7	3046.7	3013.9	2981.1
20°	3862.4	3459.4	3056.3	2830.7	2605.1	2502.9	2398.8	2348.7	2364.1	2366.0	2366.0
22.5°	2832.7	2585.8	2339.0	2248.4	2155.8	2119.2	2082.6	2061.3	2069.1	2071.0	2072.9
25°	2231.0	2136.6	2040.1	1993.9	1945.6	1922.5	1899.4	1891.7	1909.0	1910.9	1910.9
27.5°	1959.1	1901.3	1841.5	1812.6	1781.7	1772.1	1762.5	1749.0	1766.3	1766.3	1764.4
30°	1822.2	1760.5	1698.8	1662.2	1625.6	1629.4	1631.3	1627.5	1639.1	1646.8	1652.5
32.5°	1710.4	1650.6	1590.8	1554.2	1515.6	1509.9	1504.1	1500.2	1525.3	1538.8	1552.3
35°	1610.1	1544.6	1479.0	1444.3	1409.6	1396.1	1382.6	1372.9	1396.1	1413.4	1430.8
37.5°	1542.6	1475.1	1405.7	1372.9	1338.2	1320.9	1303.5	1292.0	1301.6	1309.3	1317.0
40°	1488.6	1419.2	1347.9	1309.3	1270.7	1253.4	1236.0	1226.4	1232.2	1234.1	1236.0
42.5°	1438.5	1371.0	1303.5	1261.1	1216.8	1195.5	1174.3	1162.8	1166.6	1170.5	1172.4
45°	1401.9	1334.4	1265.0	1214.8	1162.8	1139.6	1116.5	1103.0	1104.9	1104.9	1104.9
47.5°	1436.6	1338.2	1238.0	1180.1	1120.3	1093.3	1066.3	1052.8	1049.0	1045.1	1041.3
50°	1563.8	1396.1	1226.4	1153.1	1077.9	1049.0	1018.1	1002.7	993.1	989.2	985.4
52.5°	1527.2	1382.6	1236.0	1141.6	1045.1	1010.4	975.7	950.6	941.0	935.2	929.4
55°	1398.0	1307.4	1214.8	1101.1	987.3	956.4	923.7	906.3	888.9	885.1	881.2
57.5°	1228.3	1191.7	1155.0	1039.4	923.7	894.7	863.9	852.3	836.9	836.9	835.0
60°	1027.8	1081.8	1135.8	1002.7	867.7	835.0	802.2	792.5	786.7	784.8	782.9
62.5°	923.7	1012.4	1099.1	958.4	815.7	781.0	746.2	734.7	732.8	734.7	734.7
65°	835.0	861.9	888.9	823.4	757.8	723.1	686.5	674.9	678.8	684.5	690.3
67.5°	754.0	748.2	742.4	719.3	694.2	665.3	634.4	622.8	624.8	632.5	640.2
70°	676.8	669.1	659.5	642.1	624.8	599.7	574.6	566.9	565.0	574.6	582.3
72.5°	599.7	590.1	578.5	565.0	549.6	528.4	507.1	501.4	503.3	509.1	514.9
75°	514.9	507.1	497.5	485.9	472.4	453.1	433.9	430.0	433.9	439.7	445.4
77.5°	422.3	420.4	416.5	406.9	397.2	376.0	352.9	350.9	356.7	362.5	366.4
80°	329.7	331.7	333.6	325.9	318.2	295.0	270.0	268.0	273.8	279.6	285.4
82.5°	243.0	248.7	252.6	243.0	233.3	206.3	179.3	175.5	194.8	200.5	206.3
85°	140.8	148.5	156.2	148.5	140.8	113.8	86.8	84.8	102.2	111.8	121.5
87.5°	11.6	15.4	19.3	17.4	15.4	7.7	0.0	0.0	1.9	9.6	17.4
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: P320741
 CATALOG NUMBER: GAN-SA7D-760-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: P320741

CATALOG NUMBER: GAN-SA7D-760-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6
2.5°	12559.0	12483.8	12460.6	12437.5	12352.7	12265.9	12354.6	12441.4	12478.0	12514.6	12420.1
5°	10212.2	10198.7	10198.7	10196.8	10119.7	10040.6	10100.4	10158.3	10029.1	9899.9	9886.4
7.5°	7653.4	7736.3	7803.8	7869.4	7844.3	7819.2	7875.2	7931.1	7767.2	7601.3	7520.3
10°	5667.3	5684.6	5757.9	5831.2	5848.5	5863.9	5933.4	6000.9	5873.6	5746.3	5690.4
12.5°	4421.6	4329.0	4338.7	4346.4	4381.1	4413.9	4487.1	4558.5	4506.4	4452.4	4458.2
15°	3580.8	3463.2	3415.0	3364.9	3403.4	3442.0	3494.1	3544.2	3546.1	3546.1	3596.3
17.5°	2923.3	2863.5	2815.3	2765.2	2817.2	2867.4	2873.2	2878.9	2880.9	2882.8	2878.9
20°	2394.9	2423.9	2408.4	2393.0	2412.3	2429.7	2445.1	2458.6	2441.2	2421.9	2373.7
22.5°	2099.9	2125.0	2144.3	2161.6	2194.4	2225.3	2209.8	2192.5	2157.8	2121.1	2084.5
25°	1928.3	1945.6	1964.9	1984.2	2011.2	2036.3	2009.3	1982.3	1957.2	1932.2	1907.1
27.5°	1783.7	1801.0	1818.4	1833.8	1858.9	1882.0	1856.9	1831.9	1810.7	1789.5	1770.2
30°	1666.0	1677.6	1691.1	1704.6	1727.8	1749.0	1727.8	1704.6	1689.2	1671.8	1658.3
32.5°	1565.8	1577.3	1583.1	1588.9	1610.1	1631.3	1615.9	1600.5	1587.0	1573.5	1563.8
35°	1455.9	1479.0	1482.9	1486.7	1507.9	1529.1	1519.5	1507.9	1492.5	1477.1	1459.7
37.5°	1344.0	1371.0	1386.4	1399.9	1421.2	1442.4	1432.7	1423.1	1401.9	1380.7	1349.8
40°	1249.5	1261.1	1290.0	1317.0	1351.7	1384.5	1365.2	1344.0	1311.2	1278.5	1263.0
42.5°	1170.5	1168.5	1195.5	1222.5	1274.6	1324.7	1290.0	1255.3	1224.5	1193.6	1189.8
45°	1101.1	1095.3	1108.8	1122.3	1178.2	1232.2	1197.5	1160.8	1143.5	1126.1	1126.1
47.5°	1039.4	1035.5	1045.1	1052.8	1087.6	1120.3	1103.0	1085.6	1076.0	1066.3	1068.3
50°	983.4	979.6	989.2	996.9	1010.4	1022.0	1025.9	1027.8	1022.0	1016.2	1020.1
52.5°	931.4	931.4	935.2	937.2	954.5	971.9	971.9	969.9	969.9	969.9	973.8
55°	887.0	890.9	890.9	890.9	917.9	942.9	935.2	927.5	929.4	929.4	933.3
57.5°	842.7	848.4	852.3	856.2	883.2	910.2	902.4	894.7	894.7	894.7	896.7
60°	792.5	800.2	808.0	815.7	842.7	869.7	861.9	852.3	854.2	856.2	858.1
62.5°	744.3	752.0	759.7	767.5	794.5	821.5	813.7	804.1	809.9	813.7	813.7
65°	698.0	703.8	711.5	719.3	744.3	769.4	761.7	754.0	761.7	767.5	771.3
67.5°	646.0	649.8	657.5	665.3	690.3	715.4	707.7	698.0	707.7	715.4	723.1
70°	586.2	590.1	599.7	607.4	632.5	657.5	647.9	638.3	647.9	657.5	665.3
72.5°	520.6	524.5	534.1	541.9	570.8	599.7	588.1	576.6	588.1	599.7	603.6
75°	449.3	453.1	464.7	474.4	503.3	532.2	522.6	511.0	520.6	530.3	532.2
77.5°	372.2	377.9	393.4	408.8	431.9	455.1	449.3	443.5	449.3	455.1	455.1
80°	291.2	297.0	316.2	333.6	347.1	360.6	362.5	364.4	366.4	368.3	366.4
82.5°	216.0	223.7	241.0	258.4	258.4	258.4	273.8	287.3	287.3	285.4	283.5
85°	133.1	142.7	158.1	173.5	163.9	154.3	179.3	202.5	202.5	200.5	196.7
87.5°	27.0	36.6	52.1	65.6	55.9	46.3	71.3	96.4	98.3	98.3	94.5
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: P320741
 CATALOG NUMBER: GAN-SA7D-760-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: P320741

CATALOG NUMBER: GAN-SA7D-760-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6
2.5°	12323.7	12474.1	12622.6	12661.2	12719.0	12744.1	12767.2	12956.2	13143.3	13363.1	13582.9
5°	9870.9	9982.8	10094.6	10112.0	10171.8	10202.6	10233.5	10462.9	10690.5	10997.1	11303.7
7.5°	7439.4	7466.4	7493.4	7489.5	7539.6	7607.1	7672.7	7917.6	8160.5	8490.3	8818.1
10°	5634.5	5696.2	5756.0	5811.9	5921.8	6049.1	6174.4	6425.1	6675.8	7001.6	7325.6
12.5°	4464.0	4535.3	4604.8	4666.5	4793.7	4963.4	5131.2	5432.0	5732.8	6122.3	6509.9
15°	3644.5	3638.7	3632.9	3675.3	3787.2	3972.3	4155.5	4473.6	4791.8	5219.9	5646.0
17.5°	2875.1	2846.2	2817.2	2850.0	2954.1	3106.5	3256.9	3526.9	3794.9	4209.5	4624.1
20°	2325.5	2306.2	2287.0	2317.8	2383.4	2447.0	2510.6	2705.4	2898.2	3235.7	3571.2
22.5°	2045.9	2044.0	2040.1	2057.5	2088.3	2121.1	2152.0	2246.5	2339.0	2556.9	2772.9
25°	1882.0	1880.1	1878.2	1885.9	1910.9	1936.0	1961.1	2022.8	2084.5	2188.6	2292.7
27.5°	1750.9	1747.0	1743.2	1745.1	1750.9	1789.5	1826.1	1855.0	1882.0	1953.4	2022.8
30°	1644.8	1642.9	1641.0	1641.0	1635.2	1648.7	1662.2	1706.5	1749.0	1822.2	1895.5
32.5°	1554.2	1544.6	1534.9	1513.7	1500.2	1519.5	1538.8	1585.1	1631.3	1698.8	1766.3
35°	1440.4	1415.4	1388.4	1376.8	1378.7	1398.0	1417.3	1463.6	1507.9	1581.2	1652.5
37.5°	1317.0	1309.3	1299.7	1297.7	1303.5	1322.8	1342.1	1382.6	1421.2	1494.4	1565.8
40°	1247.6	1243.7	1239.9	1236.0	1239.9	1259.2	1278.5	1317.0	1353.7	1425.0	1494.4
42.5°	1185.9	1184.0	1182.0	1182.0	1184.0	1205.2	1226.4	1265.0	1301.6	1365.2	1428.9
45°	1126.1	1128.1	1128.1	1131.9	1137.7	1158.9	1178.2	1220.6	1263.0	1324.7	1386.4
47.5°	1070.2	1076.0	1079.8	1089.5	1095.3	1118.4	1139.6	1185.9	1232.2	1309.3	1384.5
50°	1022.0	1027.8	1031.6	1039.4	1054.8	1081.8	1108.8	1164.7	1218.7	1347.9	1475.1
52.5°	977.6	983.4	989.2	996.9	1016.2	1047.1	1077.9	1147.3	1214.8	1365.2	1515.6
55°	937.2	942.9	946.8	958.4	977.6	1004.6	1029.7	1114.6	1199.4	1309.3	1419.2
57.5°	898.6	904.4	908.2	915.9	925.6	954.5	981.5	1072.1	1162.8	1239.9	1315.1
60°	858.1	861.9	863.9	863.9	871.6	904.4	937.2	1052.8	1166.6	1153.1	1137.7
62.5°	813.7	817.6	819.5	813.7	823.4	858.1	892.8	1043.2	1193.6	1101.1	1008.5
65°	773.2	771.3	769.4	763.6	775.2	809.9	842.7	917.9	993.1	956.4	919.8
67.5°	728.9	723.1	717.3	709.6	721.2	752.0	781.0	806.0	831.1	835.0	838.8
70°	673.0	665.3	657.5	655.6	661.4	686.5	711.5	728.9	744.3	752.0	757.8
72.5°	607.4	601.6	595.8	592.0	593.9	615.1	634.4	649.8	665.3	671.0	674.9
75°	534.1	534.1	532.2	520.6	520.6	538.0	553.4	566.9	580.4	588.1	595.8
77.5°	455.1	457.0	457.0	441.6	439.7	457.0	472.4	484.0	493.6	501.4	507.1
80°	364.4	360.6	356.7	347.1	343.2	364.4	383.7	393.4	401.1	403.0	403.0
82.5°	279.6	271.9	262.2	241.0	243.0	266.1	287.3	295.0	302.7	302.7	302.7
85°	190.9	175.5	158.1	140.8	142.7	167.8	190.9	198.6	206.3	210.2	212.1
87.5°	90.6	75.2	57.8	44.4	44.4	65.6	84.8	88.7	92.6	100.3	108.0
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: P320741
 CATALOG NUMBER: GAN-SA7D-760-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: P320741

CATALOG NUMBER: GAN-SA7D-760-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6
2.5°	13750.7	13916.5	14088.1	14259.7	14456.4	14653.1	14882.6	15110.1	15304.9	15499.6	15661.6
5°	11567.8	11832.0	12142.5	12452.9	12848.2	13243.5	13727.5	14209.6	14639.6	15069.6	15569.0
7.5°	9163.3	9506.5	9911.4	10316.4	10827.4	11338.4	11965.1	12591.8	13199.2	13804.7	14572.1
10°	7686.2	8046.8	8445.9	8843.2	9363.8	9882.5	10545.8	11207.2	11889.9	12570.6	13438.3
12.5°	6911.0	7310.2	7661.1	8012.1	8434.4	8854.7	9496.9	10139.0	10941.1	11741.4	12576.3
15°	6083.8	6519.6	6939.9	7360.3	7821.2	8280.1	8904.9	9529.6	10407.0	11284.4	12244.7
17.5°	5083.0	5541.9	6054.8	6565.8	7167.5	7767.2	8567.4	9367.7	10407.0	11444.4	12576.3
20°	4039.8	4508.4	5121.6	5734.7	6482.9	7229.2	8266.6	9304.0	10704.0	12102.0	13546.3
22.5°	3187.5	3600.1	4269.2	4936.4	5800.3	6664.2	7994.7	9323.3	11153.3	12981.3	14930.8
25°	2583.9	2875.1	3532.6	4188.3	5185.2	6182.1	7828.9	9473.7	11806.9	14138.3	16556.3
27.5°	2213.7	2404.6	3017.8	3629.1	4718.5	5806.1	7761.4	9714.7	12636.1	15557.5	18324.6
30°	2028.6	2161.6	2680.3	3197.1	4304.0	5410.8	7680.4	9950.0	13434.4	16916.9	19707.2
32.5°	1874.3	1980.4	2423.9	2865.4	3945.3	5025.1	7524.2	10021.3	13991.7	17962.1	20877.6
35°	1743.2	1831.9	2217.5	2603.2	3663.8	4724.3	7262.0	9799.6	14340.7	18881.9	22096.3
37.5°	1637.1	1706.5	2063.3	2420.0	3420.8	4421.6	6963.1	9504.6	14651.2	19797.8	23467.3
40°	1554.2	1614.0	1947.6	2281.2	3189.4	4097.6	6706.6	9313.7	15079.3	20844.9	24915.5
42.5°	1507.9	1585.1	1847.3	2107.6	2969.6	3831.5	6500.3	9169.0	15476.5	21782.0	26182.4
45°	1496.4	1606.3	1795.2	1984.2	2805.7	3627.1	6317.1	9005.1	15733.0	22460.8	27136.9
47.5°	1477.1	1567.7	1754.7	1941.8	2724.7	3505.6	6218.7	8929.9	15989.4	23047.0	27929.4
50°	1488.6	1500.2	1722.0	1941.8	2713.1	3484.4	6330.6	9176.8	16544.8	23910.9	28835.7
52.5°	1467.4	1417.3	1660.3	1903.2	2711.2	3519.1	6652.6	9786.1	17576.4	25364.8	29817.2
55°	1355.6	1290.0	1544.6	1799.1	2670.7	3540.3	7036.3	10530.4	18960.9	27389.5	31581.6
57.5°	1257.2	1197.5	1413.4	1627.5	2547.3	3467.1	7431.6	11394.3	20424.5	29452.8	33569.7
60°	1126.1	1112.6	1266.9	1421.2	2356.4	3289.7	7757.5	12223.5	21407.9	30590.5	34335.2
62.5°	1018.1	1025.9	1139.6	1253.4	2117.3	2979.2	7865.5	12749.9	21380.9	30012.0	33563.9
65°	935.2	948.7	1060.6	1172.4	1912.9	2653.3	7510.7	12366.2	20299.2	28230.2	32038.6
67.5°	854.2	869.7	1002.7	1133.8	1731.6	2327.5	6623.7	10918.0	18353.5	25787.1	30098.7
70°	777.1	796.4	941.0	1085.6	1600.5	2113.4	5480.2	8847.0	15918.1	22987.2	27852.3
72.5°	694.2	713.5	867.7	1022.0	1517.6	2011.2	4467.9	6922.6	12917.6	18910.8	23824.1
75°	609.3	622.8	790.6	956.4	1403.8	1851.2	3505.6	5158.2	9886.4	14614.5	17994.8
77.5°	524.5	541.9	682.6	821.5	1191.7	1560.0	2641.8	3723.5	7254.2	10783.0	12514.6
80°	418.4	433.9	534.1	632.5	919.8	1205.2	1816.5	2427.7	4992.4	7557.0	8532.7
82.5°	320.1	337.5	404.9	470.5	655.6	840.7	1101.1	1361.4	3316.7	5270.0	5351.0
85°	219.8	225.6	273.8	320.1	404.9	489.8	630.6	771.3	2194.4	3617.5	3013.9
87.5°	109.9	109.9	142.7	175.5	217.9	260.3	333.6	404.9	701.9	998.9	574.6
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: P320741
 CATALOG NUMBER: GAN-SA7D-760-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: P320741

CATALOG NUMBER: GAN-SA7D-760-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6
2.5°	15867.9	16008.7	16151.4	16259.4	16369.3	16527.4	16685.5	16714.5	16745.3	16683.6	16621.9
5°	16072.3	16498.5	16926.6	17321.9	17717.2	17954.3	18191.5	18239.7	18287.9	18139.5	17989.1
7.5°	15314.5	16056.9	16799.3	17480.0	18160.7	18573.3	18987.9	19080.5	19175.0	18932.0	18689.0
10°	14302.2	15214.2	16126.3	17023.0	17919.6	18519.3	19119.0	19238.6	19358.1	19055.4	18752.7
12.5°	13519.3	14493.1	15466.8	16411.7	17358.5	17979.4	18600.3	18748.8	18897.3	18677.5	18455.7
15°	13278.2	14194.2	15110.1	15933.5	16758.8	17265.9	17775.0	17834.8	17896.5	17861.8	17827.1
17.5°	13716.0	14543.2	15372.4	15819.7	16269.0	16471.5	16675.9	16741.5	16808.9	16895.7	16984.4
20°	14776.5	15358.9	15943.1	15923.9	15902.6	15804.3	15704.0	15686.7	15669.3	15918.1	16168.7
22.5°	16359.7	16591.0	16824.4	16282.5	15740.7	15410.9	15079.3	15013.7	14946.2	15210.4	15476.5
25°	18077.8	18035.3	17991.0	16959.3	15925.8	15297.2	14668.5	14595.3	14522.0	14747.6	14975.1
27.5°	19778.5	19500.8	19223.2	17821.3	16419.4	15507.3	14595.3	14522.0	14448.7	14649.3	14849.8
30°	21026.1	20580.7	20135.3	18548.3	16961.3	15877.6	14793.9	14674.3	14552.8	14799.7	15046.5
32.5°	21999.9	21402.1	20804.4	19138.3	17472.3	16299.9	15127.5	14940.4	14753.4	15083.1	15412.9
35°	22971.8	22131.0	21288.4	19664.7	18039.2	16799.3	15557.5	15328.0	15098.5	15551.7	16004.8
37.5°	24194.3	22987.2	21778.2	20256.7	18735.3	17547.5	16357.7	16122.5	15887.2	16463.8	17042.3
40°	25521.0	23910.9	22300.7	20904.6	19508.6	18583.0	17655.5	17431.8	17206.2	17908.1	18610.0
42.5°	26624.0	24770.9	22917.8	21685.6	20451.5	19799.7	19146.0	19144.1	19140.3	19851.8	20563.3
45°	27520.6	25488.2	23453.8	22447.3	21438.8	21099.4	20760.0	21031.9	21303.8	21945.9	22590.0
47.5°	28189.7	26089.8	23988.0	23318.9	22649.7	22699.9	22750.0	23303.4	23856.9	24269.5	24684.1
50°	28625.5	26635.5	24643.6	24437.3	24230.9	24680.2	25131.5	25765.9	26402.2	26683.7	26965.3
52.5°	29259.9	27376.0	25490.1	25721.5	25952.9	26870.8	27788.7	28430.8	29072.9	29177.0	29283.1
55°	30727.4	28737.4	26745.4	27189.0	27634.4	28980.3	30328.2	30829.6	31330.9	31369.5	31408.1
57.5°	32811.9	30644.5	28477.1	28955.3	29433.5	30987.7	32543.8	33083.7	33625.6	33550.4	33473.3
60°	34371.8	32455.1	30536.5	31018.5	31500.6	33016.3	34531.9	35152.8	35775.6	35609.8	35444.0
62.5°	34468.3	33444.3	32418.5	32854.3	33292.0	34776.8	36261.6	36899.8	37538.1	37248.9	36959.6
65°	32935.3	33394.2	33853.1	33997.8	34142.4	35526.9	36913.3	37401.2	37891.0	37744.4	37597.9
67.5°	30823.8	32514.9	34207.9	33916.8	33625.6	34275.4	34925.3	35428.6	35931.8	35848.9	35764.1
70°	28716.2	30974.2	33232.2	31801.4	30368.7	30100.7	29832.6	30374.5	30918.3	30582.7	30245.3
72.5°	25127.6	27534.1	29942.6	27306.6	24670.6	23754.7	22838.7	23527.1	24215.5	23681.4	23145.3
75°	19724.5	22383.6	25044.7	21899.6	18754.6	17532.1	16309.5	16901.5	17493.5	17127.1	16758.8
77.5°	14684.0	17304.5	19925.1	16728.0	13528.9	12620.7	11710.5	11886.0	12063.4	12001.7	11938.1
80°	9959.6	11785.7	13613.8	11484.9	9356.1	9425.5	9496.9	9413.9	9329.1	9452.5	9575.9
82.5°	6355.7	7765.2	9176.8	8046.8	6916.8	7564.7	8212.6	7894.4	7574.3	7692.0	7811.5
85°	3627.1	5005.9	6386.5	5952.6	5516.9	5894.8	6274.7	5781.0	5287.4	5503.4	5721.2
87.5°	956.4	2769.0	4583.6	4161.3	3739.0	3249.2	2759.4	2105.7	1452.0	2121.1	2790.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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

REPORT NUMBER: P320741

CATALOG NUMBER: GAN-SA7D-760-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6	14693.6
2.5°	16589.1	16556.3	16438.7	16319.2	16141.8	15995.2	15740.7
5°	17780.8	17572.5	17213.9	16853.3	16452.2	15991.3	15480.3
7.5°	18203.1	17715.2	17026.8	16336.5	15715.6	14986.7	14307.9
10°	18023.8	17292.9	16398.2	15501.6	14747.6	13908.8	13154.8
12.5°	17680.5	16903.4	15918.1	14930.8	14072.7	13172.2	12327.6
15°	17208.1	16587.2	15663.5	14739.9	13876.0	13000.6	11999.8
17.5°	16691.3	16396.3	15729.1	15060.0	14311.8	13463.4	12289.0
20°	16274.8	16382.8	16116.7	15850.6	15250.9	14510.4	13191.5
22.5°	15993.3	16512.0	16716.4	16922.7	16562.1	15983.6	14458.4
25°	15835.2	16695.2	17379.7	18066.2	17906.1	17460.7	15997.1
27.5°	15904.6	16959.3	18021.8	19086.3	19234.7	19111.3	17618.8
30°	16112.8	17181.1	18475.0	19770.8	20362.8	20528.6	18970.6
32.5°	16459.9	17507.0	18916.6	20328.1	21222.8	21751.2	20206.6
35°	16984.4	17964.0	19433.4	20902.7	22059.7	23023.8	21483.1
37.5°	17884.9	18727.6	20083.2	21440.7	22940.9	24389.1	22888.9
40°	19203.9	19799.7	20945.1	22092.5	23980.3	25935.6	24456.6
42.5°	20868.0	21174.6	22082.8	22991.1	25065.9	27339.4	25989.6
45°	22671.0	22751.9	23322.7	23895.4	25925.9	28295.8	27140.7
47.5°	24406.4	24128.7	24356.3	24583.8	26585.4	28978.4	28014.3
50°	26192.0	25418.8	25299.2	25179.7	27244.9	29782.5	29125.0
52.5°	28008.5	26733.9	26261.4	25787.1	28031.6	30848.9	30507.5
55°	29786.4	28164.7	27528.3	26892.0	29234.9	32150.5	32538.0
57.5°	31635.6	29797.9	29207.9	28617.8	31003.1	33799.1	34360.3
60°	33625.6	31805.3	31332.9	30858.5	33201.4	35580.9	35172.1
62.5°	35513.4	34067.2	33818.4	33567.7	35424.7	36950.0	34855.9
65°	36774.5	35949.2	36180.6	36413.9	37106.2	37291.3	33930.3
67.5°	35931.8	36099.6	37077.2	38056.8	37580.5	36277.0	32106.1
70°	31249.9	32256.5	34572.4	36890.2	35833.5	33560.0	28831.9
72.5°	24275.3	25407.2	28845.4	32285.4	31311.6	28527.2	23681.4
75°	18035.3	19313.8	23108.7	26903.6	25551.8	21338.5	16955.5
77.5°	12794.2	13650.4	17397.1	21145.7	18941.6	14203.8	11409.7
80°	9313.7	9051.4	11139.8	13228.1	12861.7	9394.7	7327.5
82.5°	7171.3	6531.1	7514.6	8498.0	8444.0	6519.6	5376.1
85°	5464.8	5208.3	6078.0	6947.6	6203.3	4415.8	3416.9
87.5°	3185.5	3582.8	4606.7	5632.5	4226.8	1340.2	663.3
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: P320741
 CATALOG NUMBER: GAN-SA7D-760-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)