

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: P320739

Luminaire Tested: **GAN-SA5D-760-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320739
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-SA5D-760-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 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: 34080 lumens
Efficiency: N/A
Efficacy: 106.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

Input Watts (W): 320
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

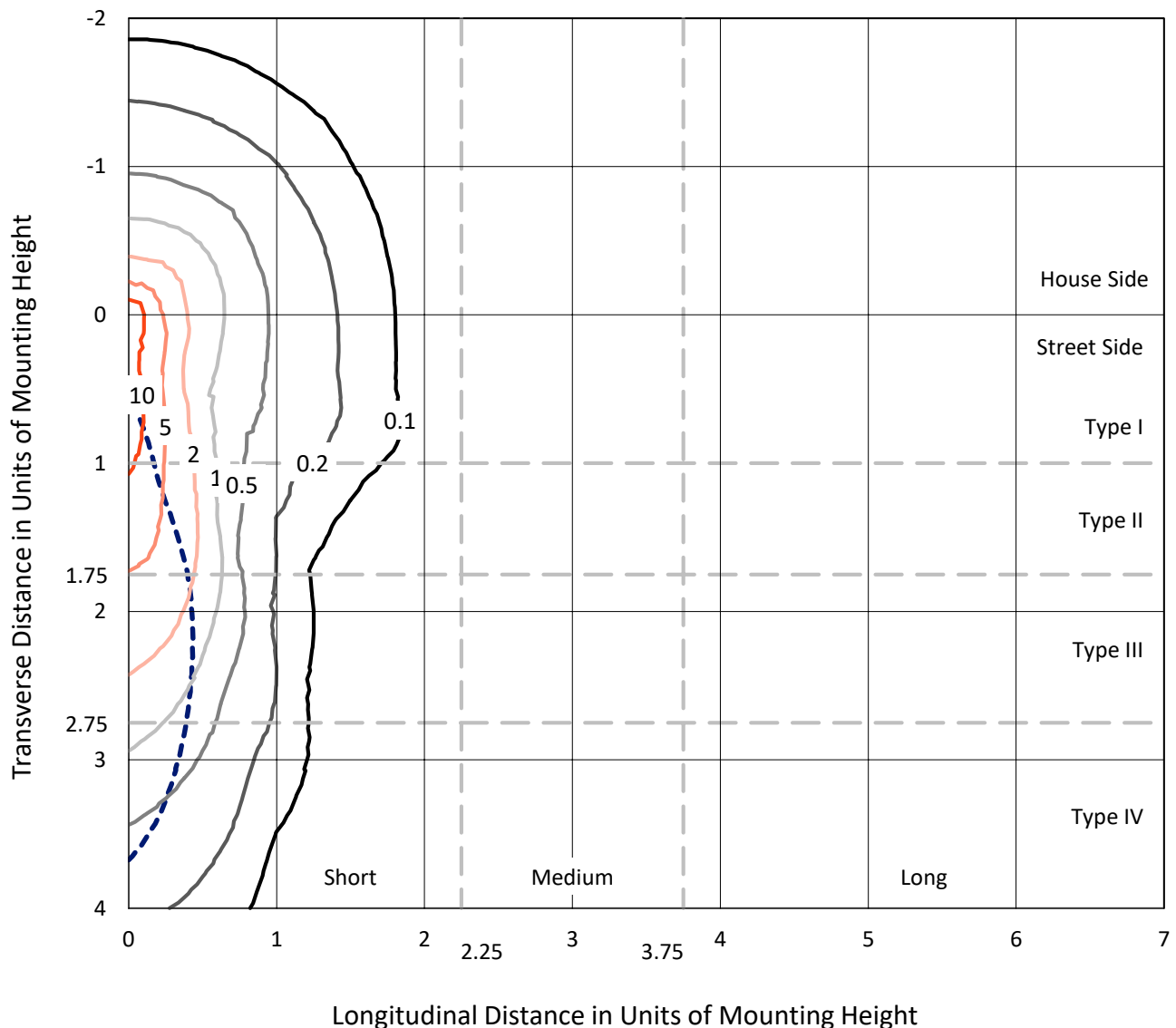


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Iso-Footcandle Lines of Horizontal Illumination

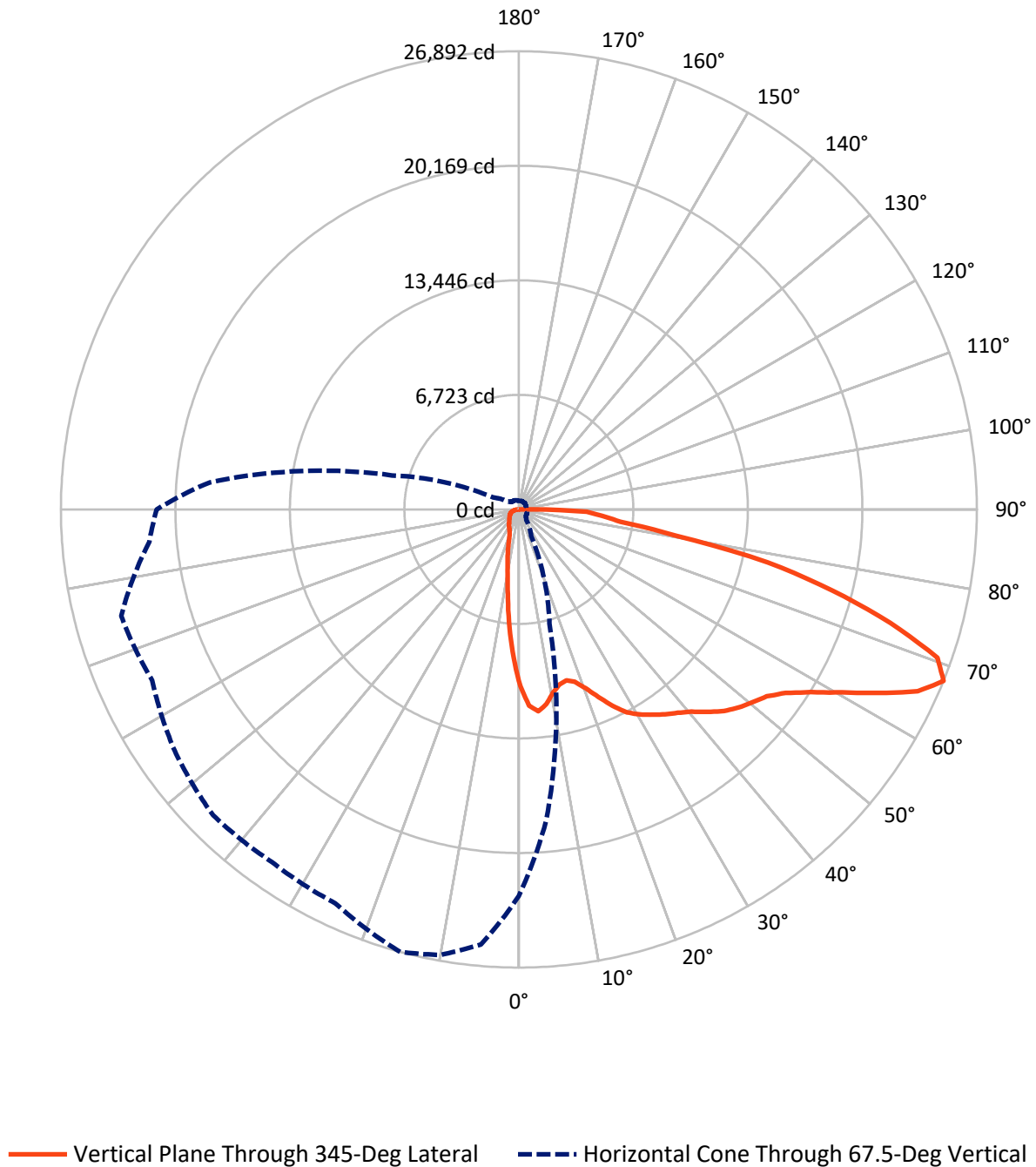
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.6 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	5891.7	0.0	5891.7
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	28188.3	0.0	28188.3
	% Fixture	82.7	0.0	82.7
Total	Lumens	34080.0	0.0	34080.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	801.3	2.4
10°-20°	1664.6	4.9
20°-30°	2367.5	6.9
30°-40°	3411.5	10.0
40°-50°	4807.8	14.1
50°-60°	6683.7	19.6
60°-70°	8082.6	23.7
70°-80°	4968.2	14.6
80°-90°	1292.8	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°	34080.0	100.0
0°-180°	34080.0	100.0

Coefficient of Utilization



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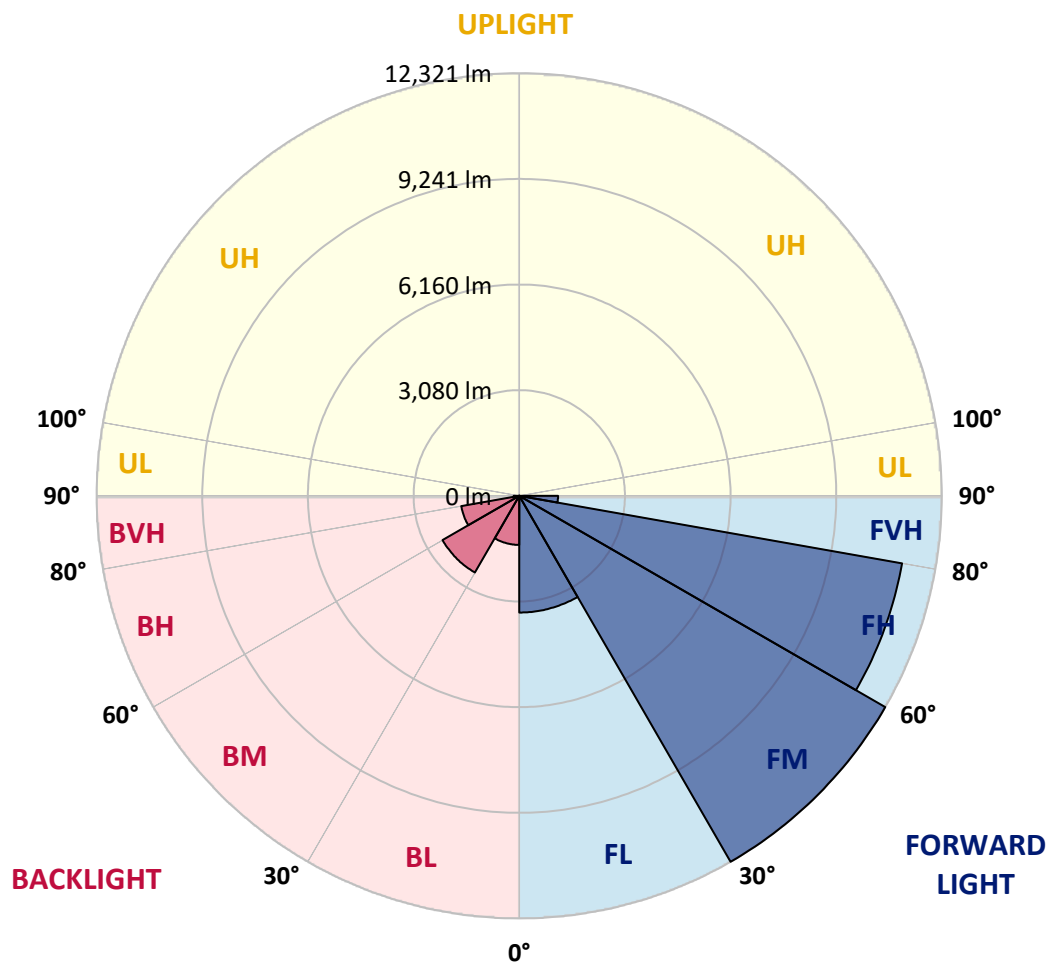
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3403.0	10.0			
FM	(30°-60°)	12320.8	36.2			
FH	(60°-80°)	11333.8	33.3			G4/12000
FVH	(80°-90°)	1130.7	3.3			G5
BL	(0°-30°)	1430.5	4.2	B3/2500		
BM	(30°-60°)	2582.3	7.6	B3/5000		
BH	(60°-80°)	1716.9	5.0	B3/2500		G3/2500
BVH	(80°-90°)	162.1	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°	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7
2.5°	11122.6	11024.5	10876.0	10727.4	10617.1	10505.3	10378.6	10251.9	10107.5	9961.7	9875.8
5°	10938.6	10666.1	10311.9	9957.6	9723.2	9488.9	9223.2	8957.5	8694.5	8431.5	8289.8
7.5°	10110.2	9701.4	9240.9	8780.3	8439.7	8097.7	7729.8	7360.5	7033.5	6705.2	6502.1
10°	9295.4	8804.9	8276.2	7746.2	7310.1	6874.1	6504.9	6134.2	5887.6	5641.0	5454.3
12.5°	8710.8	8167.2	7585.4	7002.2	6566.2	6130.2	5895.8	5661.4	5457.1	5252.7	5037.4
15°	8479.2	7864.7	7269.3	6672.5	6276.0	5879.4	5619.2	5357.6	5083.7	4808.5	4544.1
17.5°	8683.6	7964.2	7316.9	6669.7	6150.6	5631.5	5267.7	4902.5	4541.4	4180.3	3873.8
20°	9321.3	8402.9	7556.8	6709.2	6018.4	5327.6	4839.8	4350.7	3887.4	3424.1	3076.7
22.5°	10216.5	9001.1	7896.0	6791.0	5898.5	5004.7	4392.9	3779.7	3232.0	2684.2	2343.6
25°	11303.8	9794.1	8385.2	6974.9	5849.5	4722.6	3970.5	3218.4	2640.6	2061.6	1819.0
27.5°	12449.7	10739.7	8992.9	7244.7	5857.6	4470.6	3614.9	2757.8	2237.3	1716.8	1550.6
30°	13404.9	11820.2	9701.4	7581.3	5889.0	4196.7	3279.7	2362.7	1933.5	1504.3	1396.6
32.5°	14278.3	12573.7	10235.6	7896.0	5924.4	3951.4	3020.8	2088.8	1738.6	1387.1	1298.5
35°	15180.3	13242.7	10608.9	7973.7	5863.1	3751.1	2843.7	1936.2	1613.3	1289.0	1214.0
37.5°	16173.6	13966.2	10968.6	7969.6	5759.5	3549.5	2706.0	1861.3	1531.5	1200.4	1145.9
40°	17281.3	14766.1	11358.3	7950.5	5665.5	3379.1	2603.9	1827.2	1486.6	1144.6	1098.2
42.5°	18364.6	15529.1	11720.7	7912.4	5589.2	3264.7	2503.0	1741.4	1445.7	1148.6	1083.2
45°	19178.0	16195.4	12035.5	7874.2	5532.0	3189.8	2424.0	1658.2	1407.5	1156.8	1073.7
47.5°	19795.3	16864.4	12384.3	7902.8	5526.5	3150.2	2368.1	1586.0	1335.3	1083.2	1049.2
50°	20580.1	17668.3	12892.5	8116.8	5601.5	3086.2	2302.7	1517.9	1265.8	1013.7	1060.1
52.5°	21557.1	18815.6	13680.1	8543.3	5758.2	2973.1	2199.2	1425.2	1181.3	936.1	1008.3
55°	22991.8	20285.8	14687.0	9086.9	5947.6	2806.9	2042.5	1276.7	1069.6	861.1	925.2
57.5°	24279.5	21771.0	15653.1	9533.8	6066.1	2597.0	1844.9	1092.8	944.3	795.7	832.5
60°	24853.1	22536.7	16105.5	9672.8	5995.3	2317.7	1622.8	926.5	833.9	741.2	734.4
62.5°	24629.6	22050.3	15659.9	9269.5	5649.2	2028.9	1426.6	824.3	754.9	684.0	669.0
65°	23975.6	20521.5	14411.8	8302.1	5064.6	1827.2	1302.6	778.0	700.4	622.7	606.3
67.5°	22686.6	18345.5	12643.2	6940.9	4322.0	1703.2	1231.8	760.3	666.3	570.9	551.8
70°	20373.0	15726.7	10606.2	5484.3	3556.3	1626.9	1185.4	744.0	629.5	513.7	496.0
72.5°	16733.6	12609.1	8469.7	4328.9	2973.1	1617.4	1180.0	742.6	599.5	456.5	440.1
75°	11981.0	9577.4	6465.3	3351.9	2434.9	1517.9	1120.0	722.2	558.6	393.8	378.8
77.5°	8062.3	6628.9	4493.7	2357.2	1806.8	1256.3	941.5	626.8	478.3	329.7	314.8
80°	5177.7	4587.7	3011.3	1434.8	1171.8	908.8	673.1	437.4	348.8	258.9	246.6
82.5°	3798.8	3414.6	2092.9	771.2	651.3	530.0	411.5	293.0	238.4	183.9	178.5
85°	2414.5	2662.4	1541.1	419.7	343.4	267.1	220.7	174.4	137.6	100.8	100.8
87.5°	468.7	648.6	426.5	203.0	148.5	94.0	80.4	65.4	36.8	6.8	8.2
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):

	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°	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7
2.5°	9788.6	9694.6	9600.6	9494.3	9386.7	9287.2	9186.4	9076.0	9096.5	9012.0	8927.5
5°	8148.1	7998.2	7847.0	7716.2	7585.4	7472.3	7357.8	7255.6	7344.2	7284.2	7224.3
7.5°	6297.8	6112.4	5925.8	5769.1	5612.4	5491.1	5368.5	5284.0	5371.2	5360.3	5349.4
10°	5267.7	5087.8	4906.6	4733.5	4560.5	4413.3	4264.8	4139.5	4117.7	4055.0	3990.9
12.5°	4820.7	4574.1	4326.1	4144.9	3963.7	3787.9	3612.1	3465.0	3398.2	3294.7	3189.8
15°	4279.8	3988.2	3696.6	3490.9	3283.8	3113.4	2941.8	2815.0	2772.8	2692.4	2612.0
17.5°	3567.2	3248.3	2929.5	2721.0	2511.2	2374.9	2237.3	2152.8	2152.8	2129.7	2106.5
20°	2729.2	2444.4	2159.7	2000.2	1840.8	1768.6	1695.0	1659.6	1670.5	1671.9	1671.9
22.5°	2001.6	1827.2	1652.8	1588.7	1523.3	1497.5	1471.6	1456.6	1462.0	1463.4	1464.8
25°	1576.5	1509.7	1441.6	1408.9	1374.8	1358.5	1342.1	1336.7	1348.9	1350.3	1350.3
27.5°	1384.4	1343.5	1301.2	1280.8	1259.0	1252.2	1245.4	1235.8	1248.1	1248.1	1246.7
30°	1287.6	1244.0	1200.4	1174.5	1148.6	1151.4	1152.7	1150.0	1158.2	1163.6	1167.7
32.5°	1208.6	1166.4	1124.1	1098.2	1071.0	1066.9	1062.8	1060.1	1077.8	1087.3	1096.9
35°	1137.7	1091.4	1045.1	1020.6	996.0	986.5	977.0	970.1	986.5	998.8	1011.0
37.5°	1090.0	1042.4	993.3	970.1	945.6	933.4	921.1	912.9	919.7	925.2	930.6
40°	1051.9	1002.8	952.4	925.2	897.9	885.7	873.4	866.6	870.7	872.0	873.4
42.5°	1016.5	968.8	921.1	891.1	859.8	844.8	829.8	821.6	824.3	827.1	828.4
45°	990.6	942.9	893.8	858.4	821.6	805.3	788.9	779.4	780.7	780.7	780.7
47.5°	1015.1	945.6	874.8	833.9	791.6	772.6	753.5	744.0	741.2	738.5	735.8
50°	1105.0	986.5	866.6	814.8	761.7	741.2	719.4	708.5	701.7	699.0	696.3
52.5°	1079.1	977.0	873.4	806.6	738.5	714.0	689.5	671.7	664.9	660.8	656.8
55°	987.9	923.8	858.4	778.0	697.6	675.8	652.7	640.4	628.1	625.4	622.7
57.5°	868.0	842.1	816.2	734.4	652.7	632.2	610.4	602.3	591.4	591.4	590.0
60°	726.2	764.4	802.5	708.5	613.2	590.0	566.8	560.0	555.9	554.6	553.2
62.5°	652.7	715.3	776.7	677.2	576.4	551.8	527.3	519.1	517.8	519.1	519.1
65°	590.0	609.1	628.1	581.8	535.5	511.0	485.1	476.9	479.6	483.7	487.8
67.5°	532.8	528.7	524.6	508.2	490.5	470.1	448.3	440.1	441.5	446.9	452.4
70°	478.3	472.8	466.0	453.7	441.5	423.8	406.0	400.6	399.2	406.0	411.5
72.5°	423.8	416.9	408.8	399.2	388.3	373.3	358.4	354.3	355.6	359.7	363.8
75°	363.8	358.4	351.5	343.4	333.8	320.2	306.6	303.9	306.6	310.7	314.8
77.5°	298.4	297.0	294.3	287.5	280.7	265.7	249.3	248.0	252.1	256.2	258.9
80°	233.0	234.4	235.7	230.3	224.8	208.5	190.8	189.4	193.5	197.6	201.7
82.5°	171.7	175.8	178.5	171.7	164.9	145.8	126.7	124.0	137.6	141.7	145.8
85°	99.5	104.9	110.4	104.9	99.5	80.4	61.3	60.0	72.2	79.0	85.8
87.5°	8.2	10.9	13.6	12.3	10.9	5.5	0.0	0.0	1.4	6.8	12.3
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: P320739

CATALOG NUMBER: GAN-SA5D-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: P320739

CATALOG NUMBER: GAN-SA5D-760-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7
2.5°	8874.4	8821.2	8804.9	8788.5	8728.6	8667.2	8729.9	8791.2	8817.1	8843.0	8776.2
5°	7216.1	7206.6	7206.6	7205.2	7150.7	7094.9	7137.1	7178.0	7086.7	6995.4	6985.8
7.5°	5408.0	5466.6	5514.3	5560.6	5542.9	5525.2	5564.7	5604.2	5488.4	5371.2	5314.0
10°	4004.6	4016.8	4068.6	4120.4	4132.6	4143.5	4192.6	4240.3	4150.4	4060.4	4020.9
12.5°	3124.4	3058.9	3065.8	3071.2	3095.7	3118.9	3170.7	3221.1	3184.3	3146.2	3150.2
15°	2530.3	2447.2	2413.1	2377.7	2404.9	2432.2	2469.0	2504.4	2505.7	2505.7	2541.2
17.5°	2065.6	2023.4	1989.3	1953.9	1990.7	2026.1	2030.2	2034.3	2035.7	2037.0	2034.3
20°	1692.3	1712.7	1701.8	1690.9	1704.6	1716.8	1727.7	1737.3	1725.0	1711.4	1677.3
22.5°	1483.8	1501.5	1515.2	1527.4	1550.6	1572.4	1561.5	1549.2	1524.7	1498.8	1472.9
25°	1362.6	1374.8	1388.4	1402.1	1421.2	1438.9	1419.8	1400.7	1383.0	1365.3	1347.6
27.5°	1260.4	1272.6	1284.9	1295.8	1313.5	1329.9	1312.1	1294.4	1279.4	1264.5	1250.8
30°	1177.3	1185.4	1195.0	1204.5	1220.9	1235.8	1220.9	1204.5	1193.6	1181.3	1171.8
32.5°	1106.4	1114.6	1118.7	1122.7	1137.7	1152.7	1141.8	1130.9	1121.4	1111.8	1105.0
35°	1028.7	1045.1	1047.8	1050.5	1065.5	1080.5	1073.7	1065.5	1054.6	1043.7	1031.5
37.5°	949.7	968.8	979.7	989.2	1004.2	1019.2	1012.4	1005.6	990.6	975.6	953.8
40°	882.9	891.1	911.6	930.6	955.2	978.3	964.7	949.7	926.5	903.4	892.5
42.5°	827.1	825.7	844.8	863.9	900.7	936.1	911.6	887.0	865.2	843.4	840.7
45°	778.0	773.9	783.5	793.0	832.5	870.7	846.1	820.3	808.0	795.7	795.7
47.5°	734.4	731.7	738.5	744.0	768.5	791.6	779.4	767.1	760.3	753.5	754.9
50°	694.9	692.2	699.0	704.4	714.0	722.2	724.9	726.2	722.2	718.1	720.8
52.5°	658.1	658.1	660.8	662.2	674.5	686.7	686.7	685.4	685.4	685.4	688.1
55°	626.8	629.5	629.5	629.5	648.6	666.3	660.8	655.4	656.8	656.8	659.5
57.5°	595.4	599.5	602.3	605.0	624.1	643.1	637.7	632.2	632.2	632.2	633.6
60°	560.0	565.5	570.9	576.4	595.4	614.5	609.1	602.3	603.6	605.0	606.3
62.5°	525.9	531.4	536.8	542.3	561.4	580.5	575.0	568.2	572.3	575.0	575.0
65°	493.2	497.3	502.8	508.2	525.9	543.7	538.2	532.8	538.2	542.3	545.0
67.5°	456.5	459.2	464.6	470.1	487.8	505.5	500.1	493.2	500.1	505.5	511.0
70°	414.2	416.9	423.8	429.2	446.9	464.6	457.8	451.0	457.8	464.6	470.1
72.5°	367.9	370.6	377.4	382.9	403.3	423.8	415.6	407.4	415.6	423.8	426.5
75°	317.5	320.2	328.4	335.2	355.6	376.1	369.3	361.1	367.9	374.7	376.1
77.5°	263.0	267.1	278.0	288.9	305.2	321.6	317.5	313.4	317.5	321.6	321.6
80°	205.7	209.8	223.5	235.7	245.3	254.8	256.2	257.5	258.9	260.2	258.9
82.5°	152.6	158.1	170.3	182.6	182.6	182.6	193.5	203.0	203.0	201.7	200.3
85°	94.0	100.8	111.7	122.6	115.8	109.0	126.7	143.1	143.1	141.7	139.0
87.5°	19.1	25.9	36.8	46.3	39.5	32.7	50.4	68.1	69.5	69.5	66.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320739
 CATALOG NUMBER: GAN-SA5D-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: P320739

CATALOG NUMBER: GAN-SA5D-760-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7
2.5°	8708.1	8814.4	8919.3	8946.6	8987.4	9005.2	9021.5	9155.0	9287.2	9442.5	9597.9
5°	6974.9	7054.0	7133.0	7145.3	7187.5	7209.3	7231.1	7393.3	7554.0	7770.7	7987.3
7.5°	5256.8	5275.8	5294.9	5292.2	5327.6	5375.3	5421.6	5594.7	5766.4	5999.4	6231.0
10°	3981.4	4025.0	4067.2	4106.8	4184.4	4274.4	4362.9	4540.1	4717.2	4947.5	5176.4
12.5°	3154.3	3204.7	3253.8	3297.4	3387.3	3507.2	3625.8	3838.3	4050.9	4326.1	4600.0
15°	2575.2	2571.2	2567.1	2597.0	2676.1	2806.9	2936.3	3161.1	3386.0	3688.5	3989.6
17.5°	2031.6	2011.1	1990.7	2013.9	2087.4	2195.1	2301.4	2492.1	2681.5	2974.5	3267.4
20°	1643.2	1629.6	1616.0	1637.8	1684.1	1729.1	1774.1	1911.7	2047.9	2286.4	2523.5
22.5°	1445.7	1444.3	1441.6	1453.9	1475.7	1498.8	1520.6	1587.4	1652.8	1806.8	1959.4
25°	1329.9	1328.5	1327.1	1332.6	1350.3	1368.0	1385.7	1429.3	1472.9	1546.5	1620.1
27.5°	1237.2	1234.5	1231.8	1233.1	1237.2	1264.5	1290.3	1310.8	1329.9	1380.3	1429.3
30°	1162.3	1160.9	1159.5	1159.5	1155.5	1165.0	1174.5	1205.9	1235.8	1287.6	1339.4
32.5°	1098.2	1091.4	1084.6	1069.6	1060.1	1073.7	1087.3	1120.0	1152.7	1200.4	1248.1
35°	1017.8	1000.1	981.0	972.9	974.2	987.9	1001.5	1034.2	1065.5	1117.3	1167.7
37.5°	930.6	925.2	918.4	917.0	921.1	934.7	948.3	977.0	1004.2	1056.0	1106.4
40°	881.6	878.9	876.1	873.4	876.1	889.8	903.4	930.6	956.5	1006.9	1056.0
42.5°	838.0	836.6	835.2	835.2	836.6	851.6	866.6	893.8	919.7	964.7	1009.7
45°	795.7	797.1	797.1	799.8	803.9	818.9	832.5	862.5	892.5	936.1	979.7
47.5°	756.2	760.3	763.0	769.8	773.9	790.3	805.3	838.0	870.7	925.2	978.3
50°	722.2	726.2	729.0	734.4	745.3	764.4	783.5	823.0	861.1	952.4	1042.4
52.5°	690.8	694.9	699.0	704.4	718.1	739.9	761.7	810.7	858.4	964.7	1071.0
55°	662.2	666.3	669.0	677.2	690.8	709.9	727.6	787.6	847.5	925.2	1002.8
57.5°	635.0	639.0	641.8	647.2	654.0	674.5	693.5	757.6	821.6	876.1	929.3
60°	606.3	609.1	610.4	610.4	615.9	639.0	662.2	744.0	824.3	814.8	803.9
62.5°	575.0	577.7	579.1	575.0	581.8	606.3	630.9	737.1	843.4	778.0	712.6
65°	546.4	545.0	543.7	539.6	547.7	572.3	595.4	648.6	701.7	675.8	649.9
67.5°	515.0	511.0	506.9	501.4	509.6	531.4	551.8	569.6	587.3	590.0	592.7
70°	475.5	470.1	464.6	463.3	467.4	485.1	502.8	515.0	525.9	531.4	535.5
72.5°	429.2	425.1	421.0	418.3	419.7	434.7	448.3	459.2	470.1	474.2	476.9
75°	377.4	377.4	376.1	367.9	367.9	380.2	391.1	400.6	410.1	415.6	421.0
77.5°	321.6	322.9	322.9	312.0	310.7	322.9	333.8	342.0	348.8	354.3	358.4
80°	257.5	254.8	252.1	245.3	242.5	257.5	271.1	278.0	283.4	284.8	284.8
82.5°	197.6	192.1	185.3	170.3	171.7	188.0	203.0	208.5	213.9	213.9	213.9
85°	134.9	124.0	111.7	99.5	100.8	118.5	134.9	140.3	145.8	148.5	149.9
87.5°	64.0	53.1	40.9	31.3	31.3	46.3	60.0	62.7	65.4	70.9	76.3
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: P320739

CATALOG NUMBER: GAN-SA5D-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

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CATALOG NUMBER: GAN-SA5D-760-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7
2.5°	9716.4	9833.6	9954.9	10076.1	10215.1	10354.1	10516.2	10677.0	10814.6	10952.3	11066.7
5°	8174.0	8360.7	8580.0	8799.4	9078.7	9358.1	9700.1	10040.7	10344.6	10648.4	11001.3
7.5°	6474.9	6717.4	7003.6	7289.7	7650.8	8011.9	8454.7	8897.5	9326.7	9754.6	10296.9
10°	5431.2	5686.0	5968.0	6248.7	6616.6	6983.1	7451.8	7919.2	8401.5	8882.5	9495.7
12.5°	4883.4	5165.5	5413.5	5661.4	5959.8	6256.9	6710.6	7164.3	7731.2	8296.6	8886.6
15°	4298.9	4606.8	4903.9	5200.9	5526.5	5850.8	6292.3	6733.8	7353.7	7973.7	8652.3
17.5°	3591.7	3916.0	4278.4	4639.5	5064.6	5488.4	6053.9	6619.3	7353.7	8086.8	8886.6
20°	2854.6	3185.7	3619.0	4052.3	4580.9	5108.2	5841.3	6574.4	7563.6	8551.4	9572.0
22.5°	2252.3	2543.9	3016.7	3488.2	4098.6	4709.0	5649.2	6588.0	7881.0	9172.8	10550.3
25°	1825.8	2031.6	2496.2	2959.5	3663.9	4368.4	5532.0	6694.3	8343.0	9990.3	11698.9
27.5°	1564.2	1699.1	2132.4	2564.3	3334.2	4102.7	5484.3	6864.6	8928.9	10993.1	12948.4
30°	1433.4	1527.4	1894.0	2259.1	3041.2	3823.3	5427.1	7030.8	9493.0	11953.7	13925.4
32.5°	1324.4	1399.3	1712.7	2024.8	2787.8	3550.8	5316.7	7081.2	9886.7	12692.2	14752.4
35°	1231.8	1294.4	1566.9	1839.5	2588.9	3338.3	5131.4	6924.5	10133.4	13342.2	15613.6
37.5°	1156.8	1205.9	1457.9	1710.0	2417.2	3124.4	4920.2	6716.1	10352.7	13989.4	16582.4
40°	1098.2	1140.5	1376.2	1611.9	2253.7	2895.4	4739.0	6581.2	10655.2	14729.3	17605.6
42.5°	1065.5	1120.0	1305.3	1489.3	2098.3	2707.4	4593.2	6479.0	10935.9	15391.5	18500.8
45°	1057.3	1135.0	1268.5	1402.1	1982.5	2563.0	4463.7	6363.2	11117.1	15871.1	19175.3
47.5°	1043.7	1107.8	1239.9	1372.1	1925.3	2477.1	4394.3	6310.0	11298.3	16285.3	19735.3
50°	1051.9	1060.1	1216.8	1372.1	1917.1	2462.1	4473.3	6484.4	11690.8	16895.7	20375.7
52.5°	1036.9	1001.5	1173.2	1344.8	1915.8	2486.7	4700.8	6915.0	12419.7	17923.1	21069.3
55°	957.9	911.6	1091.4	1271.3	1887.1	2501.7	4972.0	7440.9	13398.1	19353.8	22316.0
57.5°	888.4	846.1	998.8	1150.0	1799.9	2449.9	5251.3	8051.4	14432.2	20811.7	23720.8
60°	795.7	786.2	895.2	1004.2	1665.0	2324.5	5481.6	8637.3	15127.1	21615.7	24261.7
62.5°	719.4	724.9	805.3	885.7	1496.1	2105.2	5557.9	9009.2	15108.1	21206.9	23716.7
65°	660.8	670.4	749.4	828.4	1351.7	1874.9	5307.2	8738.1	14343.7	19947.9	22638.9
67.5°	603.6	614.5	708.5	801.2	1223.6	1644.6	4680.4	7714.8	12968.8	18221.5	21268.2
70°	549.1	562.7	664.9	767.1	1130.9	1493.4	3872.4	6251.4	11247.9	16243.1	19680.8
72.5°	490.5	504.1	613.2	722.2	1072.3	1421.2	3157.1	4891.6	9127.8	13362.6	16834.4
75°	430.6	440.1	558.6	675.8	991.9	1308.1	2477.1	3644.8	6985.8	10326.8	12715.4
77.5°	370.6	382.9	482.3	580.5	842.1	1102.3	1866.7	2631.1	5126.0	7619.4	8843.0
80°	295.7	306.6	377.4	446.9	649.9	851.6	1283.5	1715.5	3527.7	5339.9	6029.3
82.5°	226.2	238.4	286.1	332.5	463.3	594.1	778.0	962.0	2343.6	3723.9	3781.1
85°	155.3	159.4	193.5	226.2	286.1	346.1	445.6	545.0	1550.6	2556.2	2129.7
87.5°	77.7	77.7	100.8	124.0	154.0	183.9	235.7	286.1	496.0	705.8	406.0
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



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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GAN-SA5D-760-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7
2.5°	11212.5	11312.0	11412.8	11489.1	11566.8	11678.5	11790.2	11810.7	11832.5	11788.9	11745.3
5°	11356.9	11658.1	11960.6	12239.9	12519.2	12686.8	12854.4	12888.5	12922.5	12817.6	12711.3
7.5°	10821.5	11346.0	11870.6	12351.6	12832.6	13124.2	13417.1	13482.5	13549.3	13377.6	13205.9
10°	10106.1	10750.6	11395.1	12028.7	12662.3	13086.0	13509.8	13594.3	13678.7	13464.8	13250.9
12.5°	9552.9	10241.0	10929.1	11596.7	12265.8	12704.5	13143.3	13248.2	13353.1	13197.8	13041.1
15°	9382.6	10029.8	10677.0	11258.8	11842.0	12200.4	12560.1	12602.3	12645.9	12621.4	12596.9
17.5°	9691.9	10276.4	10862.3	11178.4	11495.9	11639.0	11783.4	11829.7	11877.4	11938.8	12001.4
20°	10441.3	10852.8	11265.6	11252.0	11237.0	11167.5	11096.7	11084.4	11072.2	11247.9	11425.1
22.5°	11560.0	11723.5	11888.3	11505.5	11122.6	10889.6	10655.2	10608.9	10561.2	10747.9	10935.9
25°	12774.0	12744.0	12712.7	11983.7	11253.4	10809.2	10365.0	10313.2	10261.4	10420.9	10581.6
27.5°	13975.8	13779.6	13583.4	12592.8	11602.2	10957.7	10313.2	10261.4	10209.7	10351.4	10493.1
30°	14857.4	14542.6	14227.9	13106.5	11985.1	11219.3	10453.6	10369.1	10283.2	10457.6	10632.1
32.5°	15545.4	15123.1	14700.7	13523.4	12346.2	11517.7	10689.3	10557.1	10424.9	10657.9	10890.9
35°	16232.2	15638.1	15042.7	13895.4	12746.7	11870.6	10993.1	10831.0	10668.8	10989.0	11309.2
37.5°	17096.0	16243.1	15388.8	14313.7	13238.6	12399.3	11558.6	11392.4	11226.1	11633.5	12042.3
40°	18033.5	16895.7	15758.0	14771.5	13785.0	13131.0	12475.6	12317.5	12158.1	12654.1	13150.1
42.5°	18812.9	17503.4	16194.0	15323.4	14451.3	13990.8	13528.9	13527.5	13524.8	14027.6	14530.3
45°	19446.5	18010.3	16572.8	15861.6	15148.9	14909.1	14669.3	14861.4	15053.6	15507.3	15962.4
47.5°	19919.3	18435.4	16950.2	16477.4	16004.6	16040.1	16075.5	16466.5	16857.6	17149.2	17442.1
50°	20227.2	18821.0	17413.5	17267.7	17121.9	17439.4	17758.2	18206.5	18656.2	18855.1	19054.0
52.5°	20675.5	19344.3	18011.7	18175.2	18338.7	18987.3	19635.9	20089.6	20543.3	20616.9	20691.8
55°	21712.4	20306.2	18898.7	19212.1	19526.8	20477.9	21430.3	21784.6	22138.9	22166.1	22193.4
57.5°	23185.3	21653.8	20122.3	20460.2	20798.1	21896.3	22995.9	23377.4	23760.3	23707.2	23652.7
60°	24287.6	22933.2	21577.5	21918.1	22258.8	23329.8	24400.7	24839.5	25279.6	25162.4	25045.2
62.5°	24355.8	23632.2	22907.4	23215.3	23524.6	24573.8	25622.9	26074.0	26525.0	26320.6	26116.2
65°	23272.5	23596.8	23921.1	24023.3	24125.5	25103.8	26083.5	26428.2	26774.3	26670.8	26567.2
67.5°	21780.5	22975.5	24171.8	23966.1	23760.3	24219.5	24678.7	25034.3	25389.9	25331.4	25271.4
70°	20291.2	21886.8	23482.4	22471.3	21459.0	21269.6	21080.2	21463.0	21847.3	21610.2	21371.8
72.5°	17755.5	19456.0	21157.8	19295.2	17432.6	16785.4	16138.2	16624.6	17111.0	16733.6	16354.8
75°	13937.6	15816.6	17696.9	15474.6	13252.3	12388.4	11524.5	11942.8	12361.1	12102.3	11842.0
77.5°	10375.9	12227.6	14079.3	11820.2	9559.7	8918.0	8274.8	8398.8	8524.2	8480.6	8435.6
80°	7037.6	8328.0	9619.7	8115.4	6611.1	6660.2	6710.6	6652.0	6592.1	6679.3	6766.5
82.5°	4491.0	5487.0	6484.4	5686.0	4887.5	5345.3	5803.1	5578.3	5352.1	5435.3	5519.7
85°	2563.0	3537.2	4512.8	4206.2	3898.3	4165.3	4433.8	4085.0	3736.1	3888.7	4042.7
87.5°	675.8	1956.6	3238.8	2940.4	2642.0	2295.9	1949.8	1487.9	1026.0	1498.8	1971.6
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):

	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: P320739

CATALOG NUMBER: GAN-SA5D-760-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7	10382.7
2.5°	11722.1	11698.9	11615.8	11531.3	11406.0	11302.4	11122.6
5°	12564.2	12417.0	12163.6	11908.8	11625.4	11299.7	10938.6
7.5°	12862.6	12517.8	12031.4	11543.6	11104.9	10589.8	10110.2
10°	12735.8	12219.4	11587.2	10953.6	10420.9	9828.1	9295.4
12.5°	12493.3	11944.2	11247.9	10550.3	9944.0	9307.6	8710.8
15°	12159.5	11720.7	11068.1	10415.4	9805.0	9186.4	8479.2
17.5°	11794.3	11585.8	11114.4	10641.6	10112.9	9513.4	8683.6
20°	11500.0	11576.3	11388.3	11200.2	10776.5	10253.3	9321.3
22.5°	11301.1	11667.6	11812.0	11957.8	11703.0	11294.3	10216.5
25°	11189.3	11797.0	12280.8	12765.8	12652.7	12338.0	11303.8
27.5°	11238.4	11983.7	12734.5	13486.6	13591.5	13504.3	12449.7
30°	11385.6	12140.4	13054.7	13970.3	14388.6	14505.8	13404.9
32.5°	11630.8	12370.7	13366.7	14364.1	14996.3	15369.7	14278.3
35°	12001.4	12693.6	13731.9	14770.2	15587.7	16269.0	15180.3
37.5°	12637.7	13233.2	14191.1	15150.3	16210.4	17233.7	16173.6
40°	13569.7	13990.8	14800.1	15610.9	16944.8	18326.4	17281.3
42.5°	14745.6	14962.3	15604.0	16245.8	17711.9	19318.4	18364.6
45°	16019.6	16076.8	16480.2	16884.8	18319.6	19994.2	19178.0
47.5°	17245.9	17049.7	17210.5	17371.3	18785.6	20476.6	19795.3
50°	18507.7	17961.3	17876.8	17792.3	19251.6	21044.7	20580.1
52.5°	19791.2	18890.5	18556.7	18221.5	19807.5	21798.2	21557.1
55°	21047.5	19901.6	19451.9	19002.3	20657.8	22718.0	22991.8
57.5°	22354.2	21055.6	20638.7	20221.8	21907.2	23883.0	24279.5
60°	23760.3	22474.1	22140.2	21805.0	23460.6	25142.0	24853.1
62.5°	25094.3	24072.3	23896.6	23719.4	25031.6	26109.4	24629.6
65°	25985.4	25402.2	25565.7	25730.6	26219.7	26350.6	23975.6
67.5°	25389.9	25508.5	26199.3	26891.5	26554.9	25633.8	22686.6
70°	22081.6	22792.9	24429.3	26067.1	25320.5	23714.0	20373.0
72.5°	17153.3	17953.1	20382.5	22813.3	22125.3	20157.7	16733.6
75°	12744.0	13647.4	16328.9	19010.4	18055.3	15078.1	11981.0
77.5°	9040.6	9645.6	12293.0	14941.8	13384.4	10036.6	8062.3
80°	6581.2	6395.9	7871.5	9347.2	9088.3	6638.4	5177.7
82.5°	5067.4	4615.0	5309.9	6004.8	5966.7	4606.8	3798.8
85°	3861.5	3680.3	4294.8	4909.3	4383.4	3120.3	2414.5
87.5°	2250.9	2531.6	3255.2	3980.0	2986.7	947.0	468.7
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: P320739

CATALOG NUMBER: GAN-SA5D-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)