

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: P320661

Luminaire Tested: **GAN-SA7D-740-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320661  
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-740-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 70 CRI, 4000K, 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: 48231 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

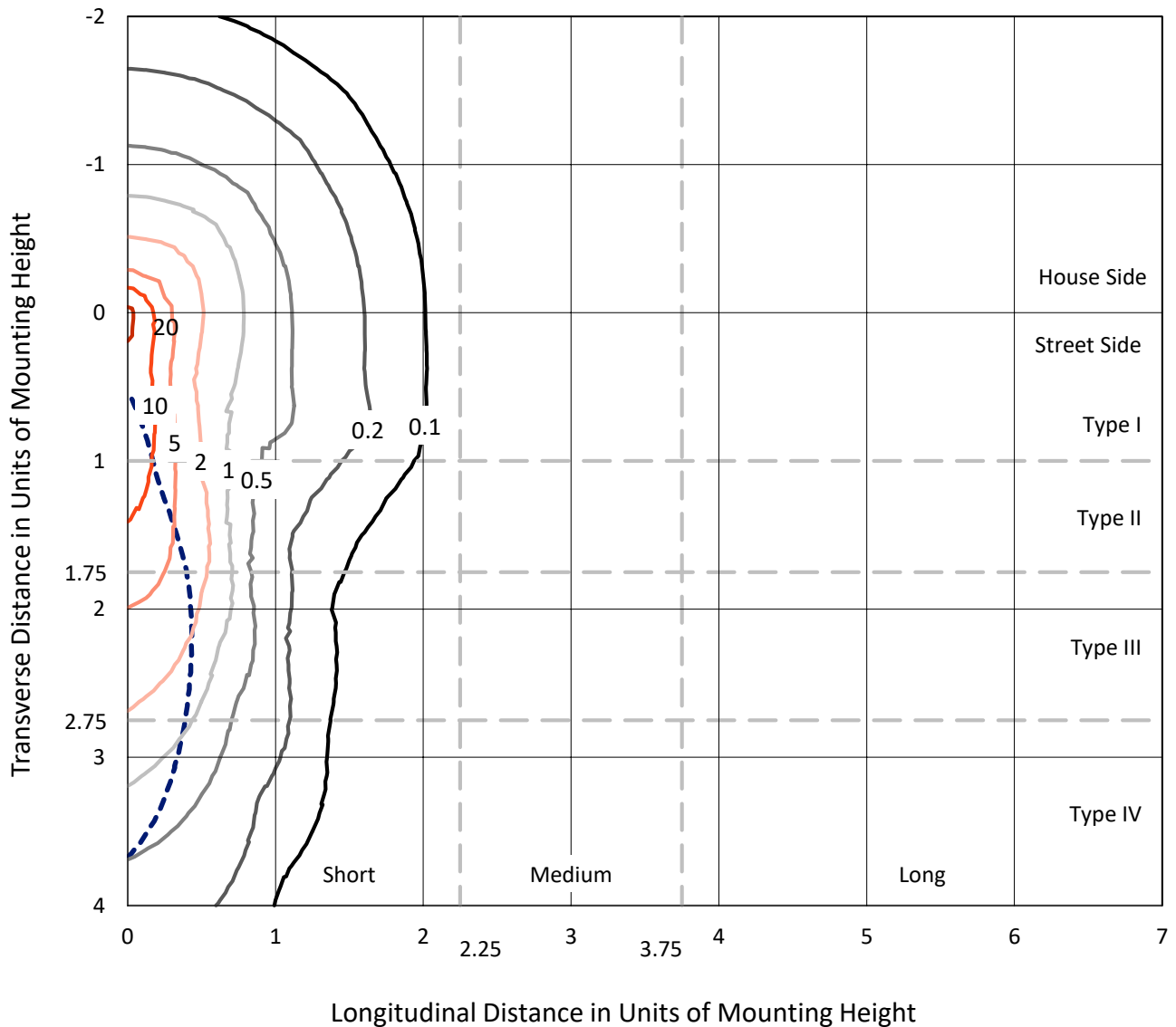
Input Watts (W): 448  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

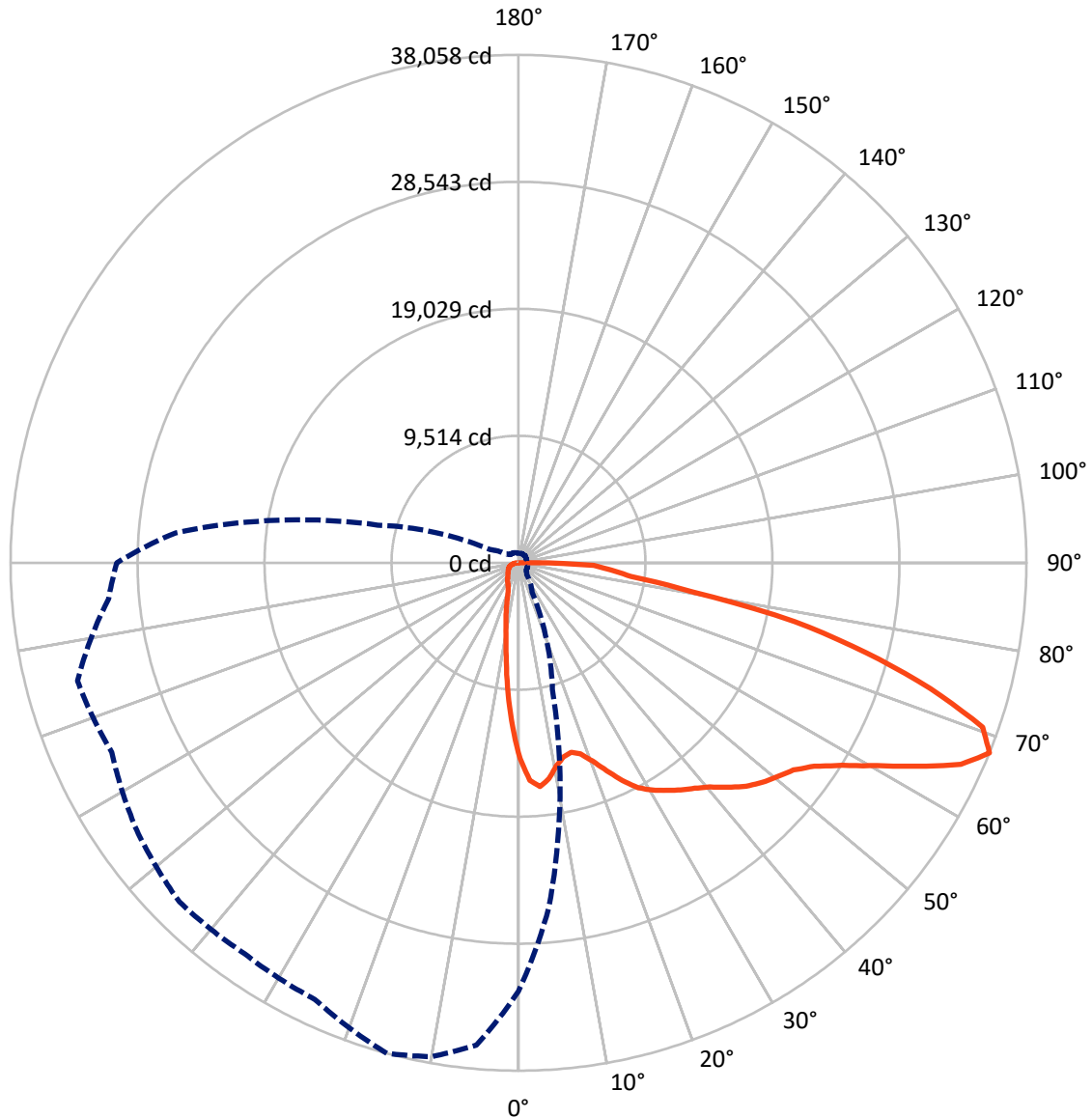
× Max cd  
 - - - 1/2 Max cd



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



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

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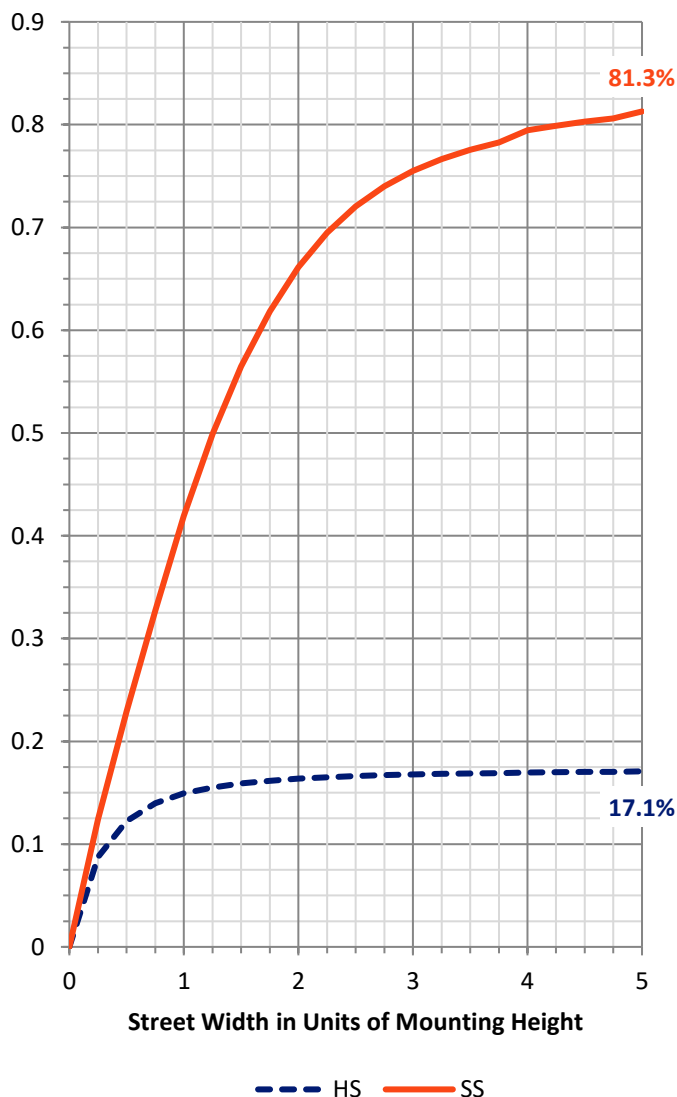
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	8338.1	0.0	8338.1
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	39892.9	0.0	39892.9
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	48231.0	0.0	48231.0
	% 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°	4828.1	10.0
40°-50°	6804.2	14.1
50°-60°	9459.0	19.6
60°-70°	11438.7	23.7
70°-80°	7031.2	14.6
80°-90°	1829.6	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°	48231.0	100.0
0°-180°	48231.0	100.0

**Coefficient of Utilization**

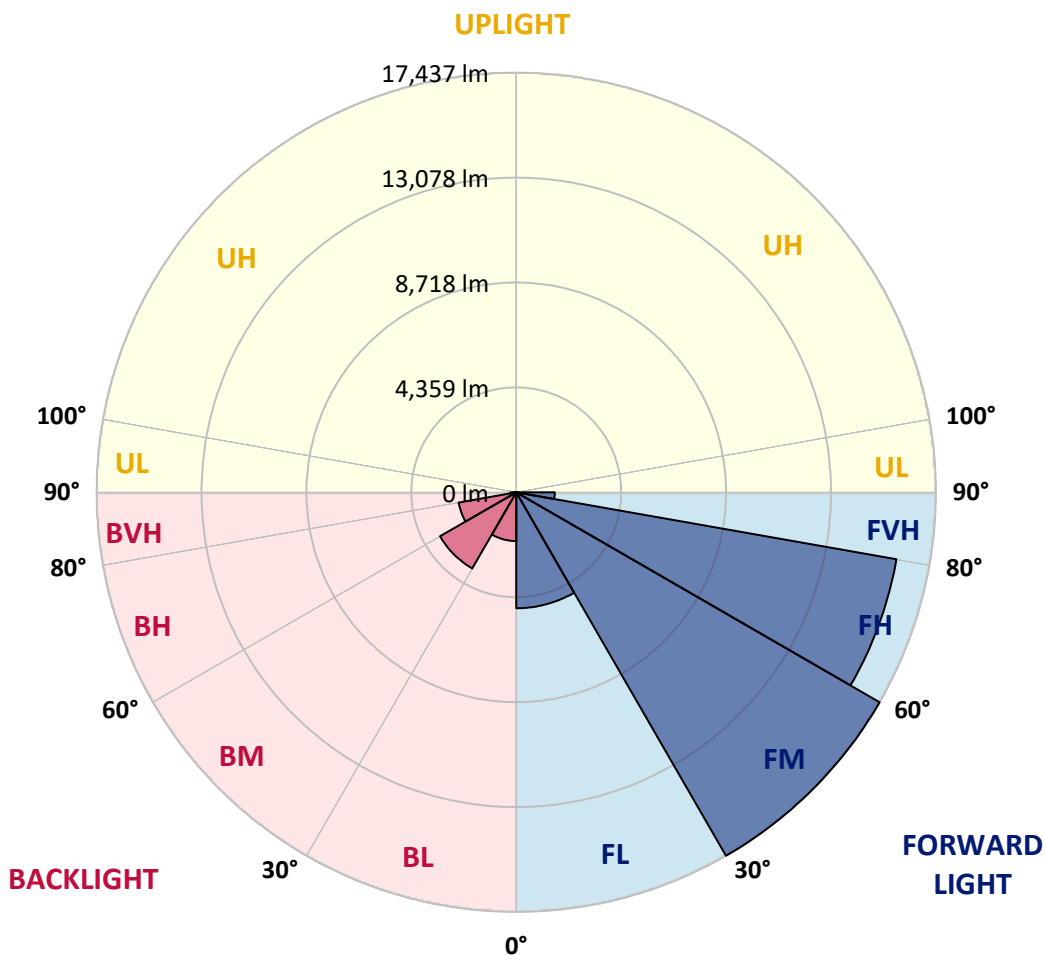


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4816.0	10.0			
FM (30°-60°)	17436.7	36.2			
FH (60°-80°)	16040.0	33.3			G5
FVH (80°-90°)	1600.2	3.3			G5
BL (0°-30°)	2024.4	4.2	B3/2500		
BM (30°-60°)	3654.5	7.6	B3/5000		
BH (60°-80°)	2429.9	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°	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9
2.5°	15741.0	15602.2	15392.0	15181.8	15025.6	14867.5	14688.1	14508.8	14304.4	14098.1	13976.6
5°	15480.7	15095.0	14593.6	14092.3	13760.6	13428.9	13052.9	12676.9	12304.7	11932.5	11732.0
7.5°	14308.2	13729.7	13078.0	12426.2	11944.1	11460.1	10939.4	10416.9	9954.1	9489.3	9202.0
10°	13155.1	12460.9	11712.7	10962.6	10345.5	9728.4	9205.9	8681.4	8332.3	7983.3	7719.1
12.5°	12327.8	11558.4	10735.0	9909.7	9292.6	8675.6	8343.9	8012.2	7723.0	7433.7	7129.1
15°	12000.0	11130.3	10287.7	9443.1	8881.9	8320.8	7952.5	7582.2	7194.6	6805.1	6431.0
17.5°	12289.3	11271.1	10355.2	9439.2	8704.5	7969.8	7454.9	6938.1	6427.1	5916.1	5482.3
20°	13191.7	11892.0	10694.5	9495.1	8517.5	7539.8	6849.4	6157.2	5501.5	4845.9	4354.2
22.5°	14458.7	12738.6	11174.7	9610.8	8347.8	7082.8	6217.0	5349.2	4574.0	3798.8	3316.7
25°	15997.5	13860.9	11867.0	9871.1	8278.3	6683.6	5619.2	4554.7	3737.1	2917.6	2574.3
27.5°	17619.2	15199.1	12727.0	10253.0	8289.9	6326.9	5115.9	3902.9	3166.3	2429.7	2194.4
30°	18971.0	16728.3	13729.7	10729.3	8334.3	5939.3	4641.5	3343.7	2736.3	2128.9	1976.5
32.5°	20207.0	17794.7	14485.6	11174.7	8384.4	5592.2	4275.1	2956.1	2460.6	1963.0	1837.7
35°	21483.6	18741.5	15014.0	11284.6	8297.6	5308.7	4024.4	2740.2	2283.1	1824.2	1718.1
37.5°	22889.3	19765.4	15523.1	11278.8	8151.1	5023.3	3829.7	2634.1	2167.4	1698.9	1621.7
40°	24457.1	20897.4	16074.6	11251.8	8018.0	4782.3	3685.0	2585.9	2103.8	1619.8	1554.2
42.5°	25990.1	21977.2	16587.5	11197.8	7910.0	4620.3	3542.4	2464.4	2046.0	1625.6	1533.0
45°	27141.3	22920.2	17033.0	11143.8	7829.0	4514.2	3430.5	2346.8	1992.0	1637.2	1519.5
47.5°	28014.8	23867.0	17526.6	11184.3	7821.3	4458.3	3351.4	2244.6	1889.8	1533.0	1484.8
50°	29125.6	25004.7	18245.9	11487.1	7927.4	4367.7	3258.9	2148.2	1791.4	1434.7	1500.2
52.5°	30508.2	26628.4	19360.5	12090.7	8149.1	4207.6	3112.3	2017.0	1671.9	1324.8	1427.0
55°	32538.7	28709.0	20785.5	12860.1	8417.2	3972.4	2890.6	1806.8	1513.7	1218.7	1309.3
57.5°	34361.0	30810.9	22152.7	13492.6	8584.9	3675.4	2611.0	1546.5	1336.3	1126.1	1178.2
60°	35172.8	31894.7	22792.9	13689.2	8484.7	3280.1	2296.6	1311.3	1180.1	1049.0	1039.4
62.5°	34856.6	31206.2	22162.3	13118.5	7994.9	2871.3	2019.0	1166.6	1068.3	968.0	946.8
65°	33931.0	29042.6	20396.0	11749.3	7167.6	2585.9	1843.5	1101.1	991.2	881.2	858.1
67.5°	32106.8	25963.1	17893.0	9822.9	6116.7	2410.4	1743.2	1076.0	943.0	808.0	781.0
70°	28832.5	22256.8	15010.2	7761.5	5033.0	2302.4	1677.7	1052.9	890.9	727.0	701.9
72.5°	23681.9	17844.8	11986.5	6126.3	4207.6	2288.9	1669.9	1050.9	848.5	646.0	622.9
75°	16955.8	13554.3	9149.9	4743.7	3445.9	2148.2	1585.1	1022.0	790.6	557.3	536.1
77.5°	11410.0	9381.3	6359.6	3336.0	2557.0	1777.9	1332.5	887.0	676.8	466.7	445.4
80°	7327.7	6492.7	4261.6	2030.5	1658.4	1286.2	952.6	619.0	493.7	366.4	349.0
82.5°	5376.2	4832.4	2961.9	1091.4	921.7	750.1	582.4	414.6	337.5	260.3	252.6
85°	3417.0	3768.0	2180.9	593.9	485.9	378.0	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°	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9
2.5°	13853.2	13720.1	13587.0	13436.6	13284.3	13143.5	13000.8	12844.6	12873.6	12754.0	12634.4
5°	11531.4	11319.3	11105.3	10920.2	10735.0	10575.0	10413.0	10268.4	10393.7	10308.9	10224.0
7.5°	8912.8	8650.5	8386.3	8164.6	7942.8	7771.2	7597.6	7478.1	7601.5	7586.1	7570.6
10°	7454.9	7200.4	6943.9	6699.0	6454.1	6245.9	6035.7	5858.3	5827.4	5738.7	5648.1
12.5°	6822.4	6473.4	6122.5	5866.0	5609.5	5360.8	5112.0	4903.8	4809.3	4662.7	4514.2
15°	6056.9	5644.2	5231.6	4940.4	4647.3	4406.2	4163.3	3983.9	3924.2	3810.4	3696.6
17.5°	5048.4	4597.1	4145.9	3850.9	3553.9	3361.1	3166.3	3046.8	3046.8	3014.0	2981.2
20°	3862.5	3459.4	3056.4	2830.8	2605.2	2503.0	2398.8	2348.7	2364.1	2366.1	2366.1
22.5°	2832.7	2585.9	2339.1	2248.4	2155.9	2119.2	2082.6	2061.4	2069.1	2071.0	2073.0
25°	2231.1	2136.6	2040.2	1993.9	1945.7	1922.5	1899.4	1891.7	1909.1	1911.0	1911.0
27.5°	1959.2	1901.3	1841.6	1812.6	1781.8	1772.1	1762.5	1749.0	1766.4	1766.4	1764.4
30°	1822.3	1760.6	1698.9	1662.2	1625.6	1629.4	1631.4	1627.5	1639.1	1646.8	1652.6
32.5°	1710.4	1650.7	1590.9	1554.2	1515.7	1509.9	1504.1	1500.2	1525.3	1538.8	1552.3
35°	1610.2	1544.6	1479.0	1444.3	1409.6	1396.1	1382.6	1373.0	1396.1	1413.5	1430.8
37.5°	1542.7	1475.2	1405.8	1373.0	1338.3	1320.9	1303.6	1292.0	1301.6	1309.3	1317.1
40°	1488.7	1419.3	1347.9	1309.3	1270.8	1253.4	1236.1	1226.4	1232.2	1234.1	1236.1
42.5°	1438.5	1371.0	1303.6	1261.1	1216.8	1195.6	1174.4	1162.8	1166.6	1170.5	1172.4
45°	1401.9	1334.4	1265.0	1214.9	1162.8	1139.6	1116.5	1103.0	1104.9	1104.9	1104.9
47.5°	1436.6	1338.3	1238.0	1180.1	1120.4	1093.4	1066.4	1052.9	1049.0	1045.2	1041.3
50°	1563.9	1396.1	1226.4	1153.1	1077.9	1049.0	1018.2	1002.7	993.1	989.2	985.4
52.5°	1527.2	1382.6	1236.1	1141.6	1045.2	1010.4	975.7	950.7	941.0	935.2	929.5
55°	1398.0	1307.4	1214.9	1101.1	987.3	956.5	923.7	906.3	889.0	885.1	881.2
57.5°	1228.3	1191.7	1155.1	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	867.8	835.0	802.2	792.5	786.8	784.8	782.9
62.5°	923.7	1012.4	1099.2	958.4	815.7	781.0	746.3	734.7	732.8	734.7	734.7
65°	835.0	862.0	889.0	823.4	757.8	723.1	686.5	674.9	678.8	684.6	690.3
67.5°	754.0	748.2	742.4	719.3	694.2	665.3	634.4	622.9	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	582.4
72.5°	599.7	590.1	578.5	565.0	549.6	528.4	507.2	501.4	503.3	509.1	514.9
75°	514.9	507.2	497.5	485.9	472.4	453.2	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	351.0	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	248.8	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: P320661  
 CATALOG NUMBER: GAN-SA7D-740-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: P320661

CATALOG NUMBER: GAN-SA7D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9
2.5°	12559.2	12484.0	12460.9	12437.8	12352.9	12266.1	12354.8	12441.6	12478.3	12514.9	12420.4
5°	10212.5	10199.0	10199.0	10197.0	10119.9	10040.8	10100.6	10158.5	10029.3	9900.1	9886.6
7.5°	7653.6	7736.5	7804.0	7869.5	7844.5	7819.4	7875.3	7931.2	7767.3	7601.5	7520.5
10°	5667.4	5684.7	5758.0	5831.3	5848.6	5864.1	5933.5	6001.0	5873.7	5746.4	5690.5
12.5°	4421.7	4329.1	4338.8	4346.5	4381.2	4414.0	4487.2	4558.6	4506.5	4452.5	4458.3
15°	3580.9	3463.3	3415.1	3364.9	3403.5	3442.1	3494.1	3544.3	3546.2	3546.2	3596.3
17.5°	2923.4	2863.6	2815.4	2765.2	2817.3	2867.4	2873.2	2879.0	2880.9	2882.9	2879.0
20°	2395.0	2423.9	2408.5	2393.1	2412.3	2429.7	2445.1	2458.6	2441.3	2422.0	2373.8
22.5°	2100.0	2125.0	2144.3	2161.7	2194.4	2225.3	2209.9	2192.5	2157.8	2121.2	2084.5
25°	1928.3	1945.7	1965.0	1984.3	2011.3	2036.3	2009.3	1982.3	1957.3	1932.2	1907.1
27.5°	1783.7	1801.1	1818.4	1833.8	1858.9	1882.1	1857.0	1831.9	1810.7	1789.5	1770.2
30°	1666.1	1677.7	1691.1	1704.6	1727.8	1749.0	1727.8	1704.6	1689.2	1671.9	1658.4
32.5°	1565.8	1577.4	1583.2	1588.9	1610.2	1631.4	1615.9	1600.5	1587.0	1573.5	1563.9
35°	1455.9	1479.0	1482.9	1486.7	1508.0	1529.2	1519.5	1508.0	1492.5	1477.1	1459.7
37.5°	1344.0	1371.0	1386.5	1400.0	1421.2	1442.4	1432.8	1423.1	1401.9	1380.7	1349.8
40°	1249.6	1261.1	1290.1	1317.1	1351.8	1384.5	1365.3	1344.0	1311.3	1278.5	1263.1
42.5°	1170.5	1168.6	1195.6	1222.6	1274.6	1324.8	1290.1	1255.3	1224.5	1193.6	1189.8
45°	1101.1	1095.3	1108.8	1122.3	1178.2	1232.2	1197.5	1160.9	1143.5	1126.1	1126.1
47.5°	1039.4	1035.5	1045.2	1052.9	1087.6	1120.4	1103.0	1085.7	1076.0	1066.4	1068.3
50°	983.5	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	970.0	970.0	970.0	973.8
55°	887.0	890.9	890.9	890.9	917.9	943.0	935.2	927.5	929.5	929.5	933.3
57.5°	842.7	848.5	852.3	856.2	883.2	910.2	902.5	894.7	894.7	894.7	896.7
60°	792.5	800.3	808.0	815.7	842.7	869.7	862.0	852.3	854.3	856.2	858.1
62.5°	744.3	752.1	759.8	767.5	794.5	821.5	813.8	804.1	809.9	813.8	813.8
65°	698.1	703.8	711.6	719.3	744.3	769.4	761.7	754.0	761.7	767.5	771.3
67.5°	646.0	649.8	657.6	665.3	690.3	715.4	707.7	698.1	707.7	715.4	723.1
70°	586.2	590.1	599.7	607.4	632.5	657.6	647.9	638.3	647.9	657.6	665.3
72.5°	520.7	524.5	534.1	541.9	570.8	599.7	588.1	576.6	588.1	599.7	603.6
75°	449.3	453.2	464.7	474.4	503.3	532.2	522.6	511.0	520.7	530.3	532.2
77.5°	372.2	378.0	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	364.5	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	173.6	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: P320661  
 CATALOG NUMBER: GAN-SA7D-740-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: P320661  
 CATALOG NUMBER: GAN-SA7D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9
2.5°	12324.0	12474.4	12622.9	12661.4	12719.3	12744.4	12767.5	12956.5	13143.5	13363.4	13583.2
5°	9871.1	9983.0	10094.8	10112.2	10172.0	10202.8	10233.7	10463.1	10690.7	10997.3	11303.9
7.5°	7439.5	7466.5	7493.5	7489.7	7539.8	7607.3	7672.8	7917.7	8160.7	8490.5	8818.3
10°	5634.6	5696.3	5756.1	5812.0	5921.9	6049.2	6174.5	6425.2	6675.9	7001.8	7325.7
12.5°	4464.1	4535.4	4604.9	4666.6	4793.8	4963.5	5131.3	5432.1	5732.9	6122.5	6510.1
15°	3644.6	3638.8	3633.0	3675.4	3787.2	3972.4	4155.6	4473.7	4791.9	5220.0	5646.2
17.5°	2875.1	2846.2	2817.3	2850.1	2954.2	3106.5	3257.0	3526.9	3795.0	4209.6	4624.1
20°	2325.6	2306.3	2287.0	2317.9	2383.4	2447.1	2510.7	2705.5	2898.3	3235.7	3571.3
22.5°	2046.0	2044.0	2040.2	2057.5	2088.4	2121.2	2152.0	2246.5	2339.1	2557.0	2772.9
25°	1882.1	1880.1	1878.2	1885.9	1911.0	1936.0	1961.1	2022.8	2084.5	2188.7	2292.8
27.5°	1750.9	1747.1	1743.2	1745.1	1750.9	1789.5	1826.1	1855.1	1882.1	1953.4	2022.8
30°	1644.9	1642.9	1641.0	1641.0	1635.2	1648.7	1662.2	1706.6	1749.0	1822.3	1895.6
32.5°	1554.2	1544.6	1535.0	1513.7	1500.2	1519.5	1538.8	1585.1	1631.4	1698.9	1766.4
35°	1440.5	1415.4	1388.4	1376.8	1378.8	1398.0	1417.3	1463.6	1508.0	1581.2	1652.6
37.5°	1317.1	1309.3	1299.7	1297.8	1303.6	1322.8	1342.1	1382.6	1421.2	1494.5	1565.8
40°	1247.6	1243.8	1239.9	1236.1	1239.9	1259.2	1278.5	1317.1	1353.7	1425.0	1494.5
42.5°	1185.9	1184.0	1182.1	1182.1	1184.0	1205.2	1226.4	1265.0	1301.6	1365.3	1428.9
45°	1126.1	1128.1	1128.1	1131.9	1137.7	1158.9	1178.2	1220.6	1263.1	1324.8	1386.5
47.5°	1070.2	1076.0	1079.9	1089.5	1095.3	1118.4	1139.6	1185.9	1232.2	1309.3	1384.5
50°	1022.0	1027.8	1031.7	1039.4	1054.8	1081.8	1108.8	1164.7	1218.7	1347.9	1475.2
52.5°	977.7	983.5	989.2	996.9	1016.2	1047.1	1077.9	1147.4	1214.9	1365.3	1515.7
55°	937.2	943.0	946.8	958.4	977.7	1004.7	1029.7	1114.6	1199.4	1309.3	1419.3
57.5°	898.6	904.4	908.2	916.0	925.6	954.5	981.5	1072.2	1162.8	1239.9	1315.1
60°	858.1	862.0	863.9	863.9	871.6	904.4	937.2	1052.9	1166.6	1153.1	1137.7
62.5°	813.8	817.6	819.5	813.8	823.4	858.1	892.8	1043.2	1193.6	1101.1	1008.5
65°	773.3	771.3	769.4	763.6	775.2	809.9	842.7	917.9	993.1	956.5	919.8
67.5°	728.9	723.1	717.3	709.6	721.2	752.1	781.0	806.0	831.1	835.0	838.8
70°	673.0	665.3	657.6	655.6	661.4	686.5	711.6	728.9	744.3	752.1	757.8
72.5°	607.4	601.6	595.9	592.0	593.9	615.1	634.4	649.8	665.3	671.1	674.9
75°	534.1	534.1	532.2	520.7	520.7	538.0	553.4	566.9	580.4	588.1	595.9
77.5°	455.1	457.0	457.0	441.6	439.7	457.0	472.4	484.0	493.7	501.4	507.2
80°	364.5	360.6	356.7	347.1	343.2	364.5	383.7	393.4	401.1	403.0	403.0
82.5°	279.6	271.9	262.3	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	57.9	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: P320661  
 CATALOG NUMBER: GAN-SA7D-740-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: P320661

CATALOG NUMBER: GAN-SA7D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9
2.5°	13751.0	13916.8	14088.4	14260.0	14456.7	14653.4	14882.9	15110.4	15305.2	15500.0	15661.9
5°	11568.1	11832.3	12142.7	12453.2	12848.5	13243.8	13727.8	14209.9	14639.9	15069.9	15569.4
7.5°	9163.4	9506.7	9911.6	10316.6	10827.6	11338.6	11965.3	12592.0	13199.4	13804.9	14572.4
10°	7686.3	8046.9	8446.1	8843.3	9364.0	9882.7	10546.1	11207.5	11890.1	12570.8	13438.6
12.5°	6911.2	7310.3	7661.3	8012.2	8434.5	8854.9	9497.0	10139.2	10941.4	11741.6	12576.6
15°	6083.9	6519.7	6940.1	7360.5	7821.3	8280.3	8905.0	9529.8	10407.2	11284.6	12244.9
17.5°	5083.1	5542.0	6055.0	6566.0	7167.6	7767.3	8567.6	9367.8	10407.2	11444.7	12576.6
20°	4039.9	4508.4	5121.7	5734.9	6483.1	7229.3	8266.8	9304.2	10704.2	12102.2	13546.5
22.5°	3187.5	3600.2	4269.3	4936.5	5800.4	6664.3	7994.9	9323.5	11153.5	12981.5	14931.1
25°	2584.0	2875.1	3532.7	4188.3	5185.3	6182.2	7829.0	9473.9	11807.2	14138.5	16556.7
27.5°	2213.7	2404.6	3017.8	3629.1	4718.6	5806.2	7761.5	9714.9	12636.4	15557.8	18325.0
30°	2028.6	2161.7	2680.4	3197.2	4304.0	5410.9	7680.6	9950.2	13434.7	16917.3	19707.6
32.5°	1874.3	1980.4	2423.9	2865.5	3945.4	5025.2	7524.4	10021.6	13992.0	17962.4	20878.1
35°	1743.2	1831.9	2217.6	2603.3	3663.8	4724.4	7262.1	9799.8	14341.0	18882.3	22096.8
37.5°	1637.2	1706.6	2063.3	2420.1	3420.9	4421.7	6963.2	9504.8	14651.5	19798.2	23467.8
40°	1554.2	1614.0	1947.6	2281.2	3189.5	4097.7	6706.7	9313.9	15079.6	20845.3	24916.0
42.5°	1508.0	1585.1	1847.3	2107.7	2969.6	3831.6	6500.4	9169.2	15476.8	21782.5	26182.9
45°	1496.4	1606.3	1795.3	1984.3	2805.7	3627.2	6317.2	9005.3	15733.3	22461.2	27137.5
47.5°	1477.1	1567.7	1754.8	1941.8	2724.7	3505.7	6218.9	8930.1	15989.7	23047.5	27930.0
50°	1488.7	1500.2	1722.0	1941.8	2713.2	3484.5	6330.7	9176.9	16545.1	23911.3	28836.3
52.5°	1467.5	1417.3	1660.3	1903.3	2711.2	3519.2	6652.8	9786.3	17576.8	25365.3	29817.8
55°	1355.6	1290.1	1544.6	1799.1	2670.7	3540.4	7036.5	10530.6	18961.3	27390.1	31582.3
57.5°	1257.3	1197.5	1413.5	1627.5	2547.3	3467.1	7431.8	11394.5	20424.9	29453.4	33570.4
60°	1126.1	1112.6	1266.9	1421.2	2356.4	3289.7	7757.7	12223.7	21408.4	30591.1	34335.9
62.5°	1018.2	1025.9	1139.6	1253.4	2117.3	2979.3	7865.7	12750.1	21381.4	30012.6	33564.6
65°	935.2	948.7	1060.6	1172.4	1912.9	2653.4	7510.9	12366.4	20299.6	28230.8	32039.3
67.5°	854.3	869.7	1002.7	1133.9	1731.6	2327.5	6623.8	10918.2	18353.9	25787.6	30099.4
70°	777.1	796.4	941.0	1085.7	1600.5	2113.5	5480.3	8847.2	15918.4	22987.7	27852.9
72.5°	694.2	713.5	867.8	1022.0	1517.6	2011.3	4468.0	6922.7	12917.9	18911.2	23824.6
75°	609.4	622.9	790.6	956.5	1403.8	1851.2	3505.7	5158.3	9886.6	14614.8	17995.2
77.5°	524.5	541.9	682.6	821.5	1191.7	1560.0	2641.8	3723.6	7254.4	10783.2	12514.9
80°	418.4	433.9	534.1	632.5	919.8	1205.2	1816.5	2427.8	4992.5	7557.1	8532.9
82.5°	320.1	337.5	405.0	470.5	655.6	840.8	1101.1	1361.4	3316.7	5270.1	5351.1
85°	219.8	225.6	273.8	320.1	405.0	489.8	630.6	771.3	2194.4	3617.6	3014.0
87.5°	109.9	109.9	142.7	175.5	217.9	260.3	333.6	405.0	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: P320661  
 CATALOG NUMBER: GAN-SA7D-740-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: P320661

CATALOG NUMBER: GAN-SA7D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9
2.5°	15868.3	16009.0	16151.7	16259.7	16369.6	16527.8	16685.9	16714.8	16745.7	16683.9	16622.2
5°	16072.7	16498.8	16926.9	17322.2	17717.5	17954.7	18191.9	18240.1	18288.3	18139.8	17989.4
7.5°	15314.8	16057.2	16799.6	17480.4	18161.1	18573.7	18988.3	19080.9	19175.4	18932.4	18689.4
10°	14302.5	15214.6	16126.7	17023.3	17920.0	18519.7	19119.4	19239.0	19358.5	19055.8	18753.1
12.5°	13519.6	14493.4	15467.2	16412.1	17358.9	17979.8	18600.7	18749.2	18897.7	18677.8	18456.1
15°	13278.5	14194.5	15110.4	15933.8	16759.2	17266.3	17775.4	17835.2	17896.9	17862.2	17827.5
17.5°	13716.2	14543.5	15372.7	15820.1	16269.4	16471.8	16676.2	16741.8	16809.3	16896.1	16984.8
20°	14776.8	15359.2	15943.5	15924.2	15903.0	15804.6	15704.4	15687.0	15669.6	15918.4	16169.1
22.5°	16360.0	16591.4	16824.7	16282.9	15741.0	15411.2	15079.6	15014.0	14946.5	15210.7	15476.8
25°	18078.1	18035.7	17991.4	16959.7	15926.1	15297.5	14668.8	14595.6	14522.3	14747.9	14975.4
27.5°	19778.9	19501.2	19223.6	17821.7	16419.8	15507.7	14595.6	14522.3	14449.0	14649.6	14850.1
30°	21026.6	20581.1	20135.7	18548.6	16961.6	15877.9	14794.2	14674.6	14553.1	14800.0	15046.8
32.5°	22000.4	21402.6	20804.8	19138.7	17472.6	16300.2	15127.8	14940.7	14753.7	15083.4	15413.2
35°	22972.2	22131.5	21288.8	19665.2	18039.6	16799.6	15557.8	15328.3	15098.9	15552.0	16005.2
37.5°	24194.8	22987.7	21778.6	20257.2	18735.7	17547.8	16358.1	16122.8	15887.5	16464.1	17042.6
40°	25521.5	23911.3	22301.2	20905.1	19509.0	18583.4	17655.8	17432.1	17206.5	17908.4	18610.4
42.5°	26624.5	24771.4	22918.3	21686.0	20451.9	19800.1	19146.4	19144.5	19140.6	19852.2	20563.8
45°	27521.2	25488.7	23454.3	22447.7	21439.2	21099.8	20760.4	21032.3	21304.2	21946.4	22590.4
47.5°	28190.3	26090.4	23988.5	23319.3	22650.2	22700.4	22750.5	23303.9	23857.4	24270.0	24684.6
50°	28626.1	26636.1	24644.1	24437.8	24231.5	24680.8	25132.0	25766.4	26402.8	26684.3	26965.8
52.5°	29260.5	27376.6	25490.7	25722.1	25953.5	26871.3	27789.2	28431.4	29073.5	29177.6	29283.7
55°	30728.0	28738.0	26746.0	27189.5	27635.0	28980.9	30328.8	30830.2	31331.6	31370.1	31408.7
57.5°	32812.5	30645.1	28477.6	28955.9	29434.1	30988.3	32544.5	33084.4	33626.3	33551.1	33474.0
60°	34372.6	32455.8	30537.1	31019.2	31501.3	33016.9	34532.6	35153.5	35776.4	35610.6	35444.7
62.5°	34469.0	33445.0	32419.2	32855.0	33292.7	34777.5	36262.3	36900.6	37538.9	37249.6	36960.4
65°	32936.0	33394.9	33853.8	33998.5	34143.1	35527.6	36914.1	37402.0	37891.8	37745.2	37598.7
67.5°	30824.4	32515.6	34208.7	33917.5	33626.3	34276.1	34926.0	35429.3	35932.6	35849.7	35764.8
70°	28716.8	30974.8	33232.9	31802.1	30369.3	30101.3	29833.3	30375.1	30918.9	30583.4	30245.9
72.5°	25128.1	27534.7	29943.2	27307.1	24671.1	23755.2	22839.2	23527.6	24216.0	23681.9	23145.8
75°	19724.9	22384.1	25045.2	21900.1	18755.0	17532.4	16309.9	16901.9	17493.8	17127.5	16759.2
77.5°	14684.3	17304.9	19925.5	16728.3	13529.2	12620.9	11710.8	11886.3	12063.7	12002.0	11938.3
80°	9959.8	11786.0	13614.0	11485.2	9356.3	9425.7	9497.0	9414.1	9329.3	9452.7	9576.1
82.5°	6355.8	7765.4	9176.9	8046.9	6916.9	7564.9	8212.8	7894.6	7574.5	7692.1	7811.7
85°	3627.2	5006.0	6386.6	5952.8	5517.0	5894.9	6274.8	5781.1	5287.5	5503.5	5721.4
87.5°	956.5	2769.1	4583.7	4161.3	3739.0	3249.2	2759.4	2105.7	1452.0	2121.2	2790.3
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



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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: P320661

CATALOG NUMBER: GAN-SA7D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9	14693.9
2.5°	16589.5	16556.7	16439.1	16319.5	16142.1	15995.5	15741.0
5°	17781.2	17572.9	17214.2	16853.6	16452.5	15991.7	15480.7
7.5°	18203.5	17715.6	17027.2	16336.8	15715.9	14987.0	14308.2
10°	18024.1	17293.3	16398.6	15501.9	14747.9	13909.1	13155.1
12.5°	17680.9	16903.8	15918.4	14931.1	14073.0	13172.5	12327.8
15°	17208.5	16587.5	15663.9	14740.2	13876.3	13000.8	12000.0
17.5°	16691.7	16396.6	15729.4	15060.3	14312.1	13463.6	12289.3
20°	16275.1	16383.1	16117.0	15850.9	15251.2	14510.7	13191.7
22.5°	15993.6	16512.3	16716.7	16923.1	16562.5	15984.0	14458.7
25°	15835.5	16695.5	17380.1	18066.6	17906.5	17461.1	15997.5
27.5°	15904.9	16959.7	18022.2	19086.7	19235.1	19111.7	17619.2
30°	16113.2	17181.5	18475.4	19771.2	20363.2	20529.0	18971.0
32.5°	16460.3	17507.3	18917.0	20328.5	21223.2	21751.6	20207.0
35°	16984.8	17964.4	19433.8	20903.1	22060.1	23024.3	21483.6
37.5°	17885.3	18728.0	20083.6	21441.2	22941.4	24389.6	22889.3
40°	19204.3	19800.1	20945.6	22092.9	23980.8	25936.1	24457.1
42.5°	20868.4	21175.0	22083.3	22991.5	25066.4	27339.9	25990.1
45°	22671.4	22752.4	23323.2	23895.9	25926.5	28296.4	27141.3
47.5°	24406.9	24129.2	24356.8	24584.3	26585.9	28979.0	28014.8
50°	26192.6	25419.3	25299.7	25180.2	27245.4	29783.1	29125.6
52.5°	28009.1	26734.4	26262.0	25787.6	28032.2	30849.5	30508.2
55°	29787.0	28165.3	27528.9	26892.6	29235.5	32151.1	32538.7
57.5°	31636.3	29798.6	29208.5	28618.4	31003.8	33799.8	34361.0
60°	33626.3	31805.9	31333.5	30859.1	33202.1	35581.6	35172.8
62.5°	35514.1	34067.9	33819.1	33568.4	35425.4	36950.7	34856.6
65°	36775.3	35949.9	36181.3	36414.7	37106.9	37292.1	33931.0
67.5°	35932.6	36100.3	37078.0	38057.6	37581.3	36277.8	32106.8
70°	31250.6	32257.2	34573.1	36891.0	35834.2	33560.7	28832.5
72.5°	24275.8	25407.7	28846.0	32286.1	31312.3	28527.8	23681.9
75°	18035.7	19314.2	23109.2	26904.1	25552.4	21338.9	16955.8
77.5°	12794.5	13650.7	17397.4	21146.1	18942.0	14204.1	11410.0
80°	9313.9	9051.6	11140.0	13228.4	12862.0	9394.8	7327.7
82.5°	7171.5	6531.3	7514.7	8498.2	8444.2	6519.7	5376.2
85°	5464.9	5208.4	6078.1	6947.8	6203.5	4415.9	3417.0
87.5°	3185.6	3582.8	4606.8	5632.7	4226.9	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: P320661  
 CATALOG NUMBER: GAN-SA7D-740-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)