

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: P320621

Luminaire Tested: **GAN-SA7D-730-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320621  
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-730-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 70 CRI, 3000K, 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: 43923 lumens  
Efficiency: N/A  
Efficacy: 98.0 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

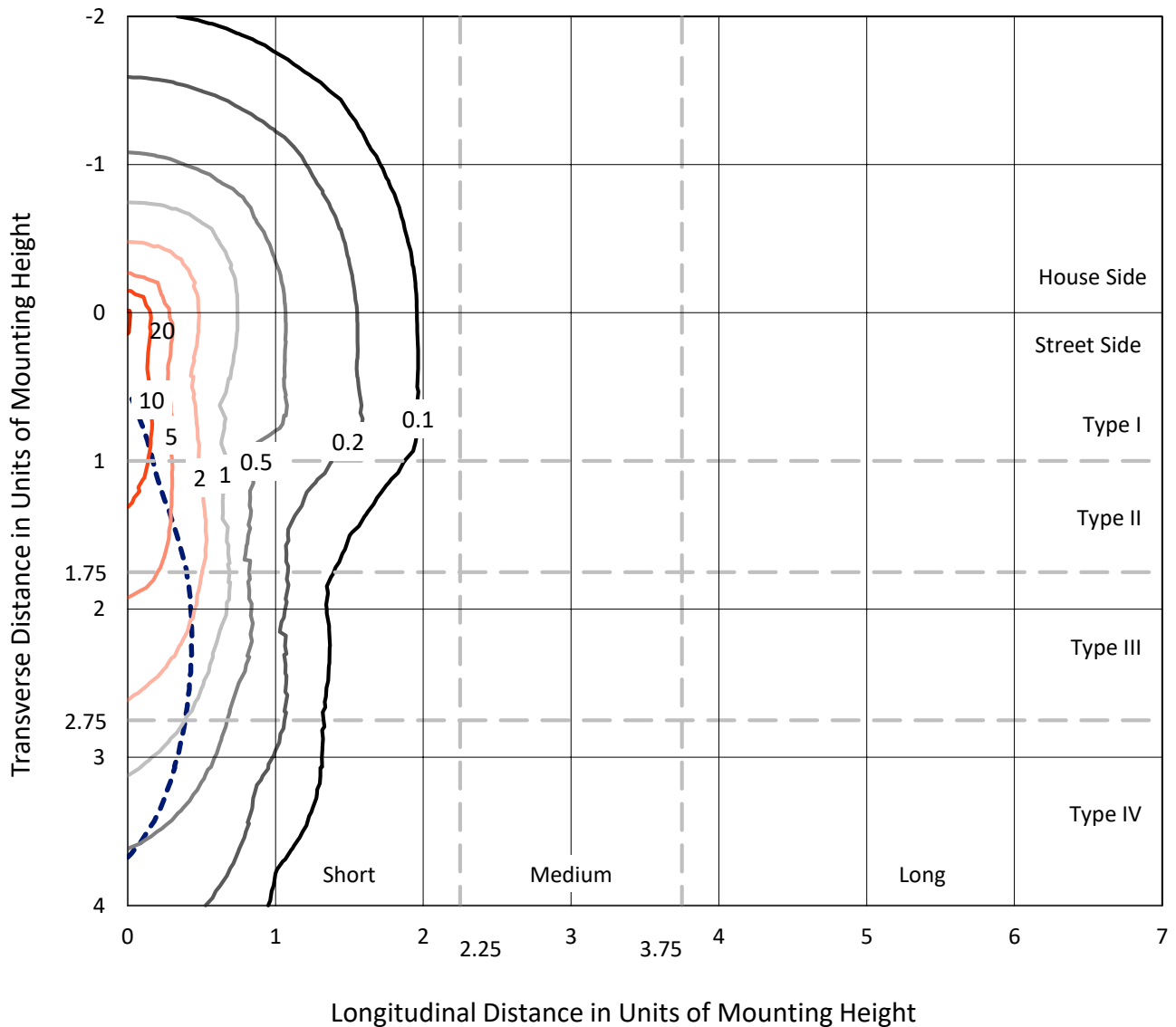
Input Watts (W): 448  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

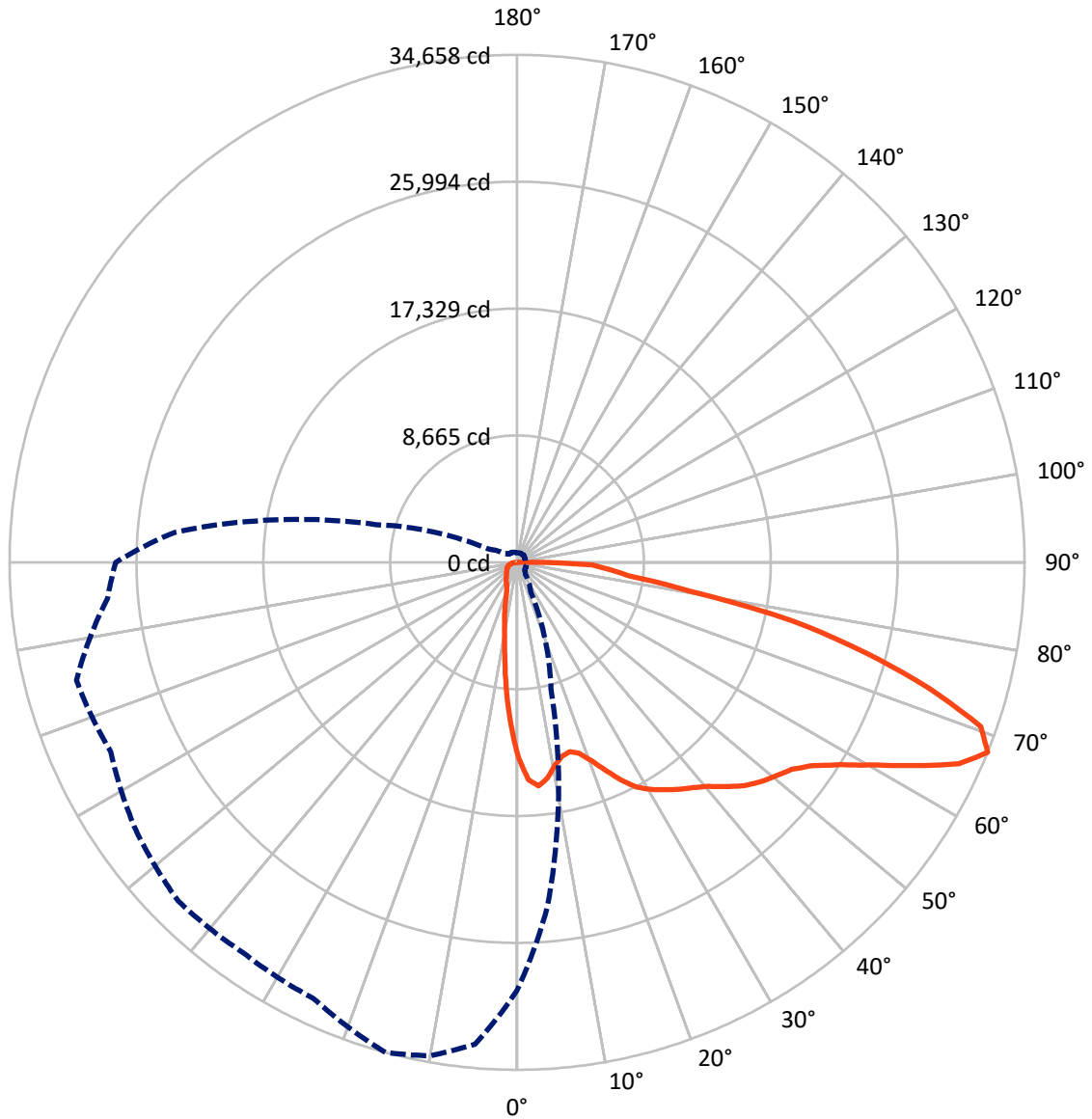
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.4 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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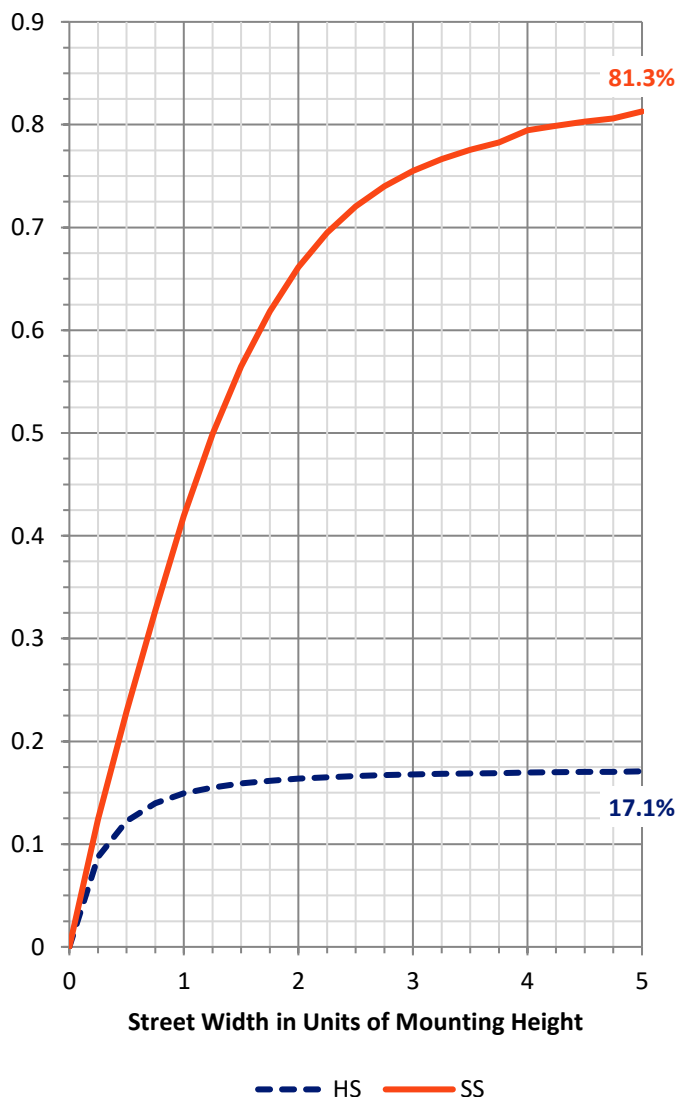
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	7593.4	0.0	7593.4
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	36329.6	0.0	36329.6
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	43923.0	0.0	43923.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1032.7	2.4
10°-20°	2145.4	4.9
20°-30°	3051.3	6.9
30°-40°	4396.8	10.0
40°-50°	6196.4	14.1
50°-60°	8614.1	19.6
60°-70°	10417.0	23.7
70°-80°	6403.1	14.6
80°-90°	1666.1	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°	43923.0	100.0
0°-180°	43923.0	100.0

**Coefficient of Utilization**

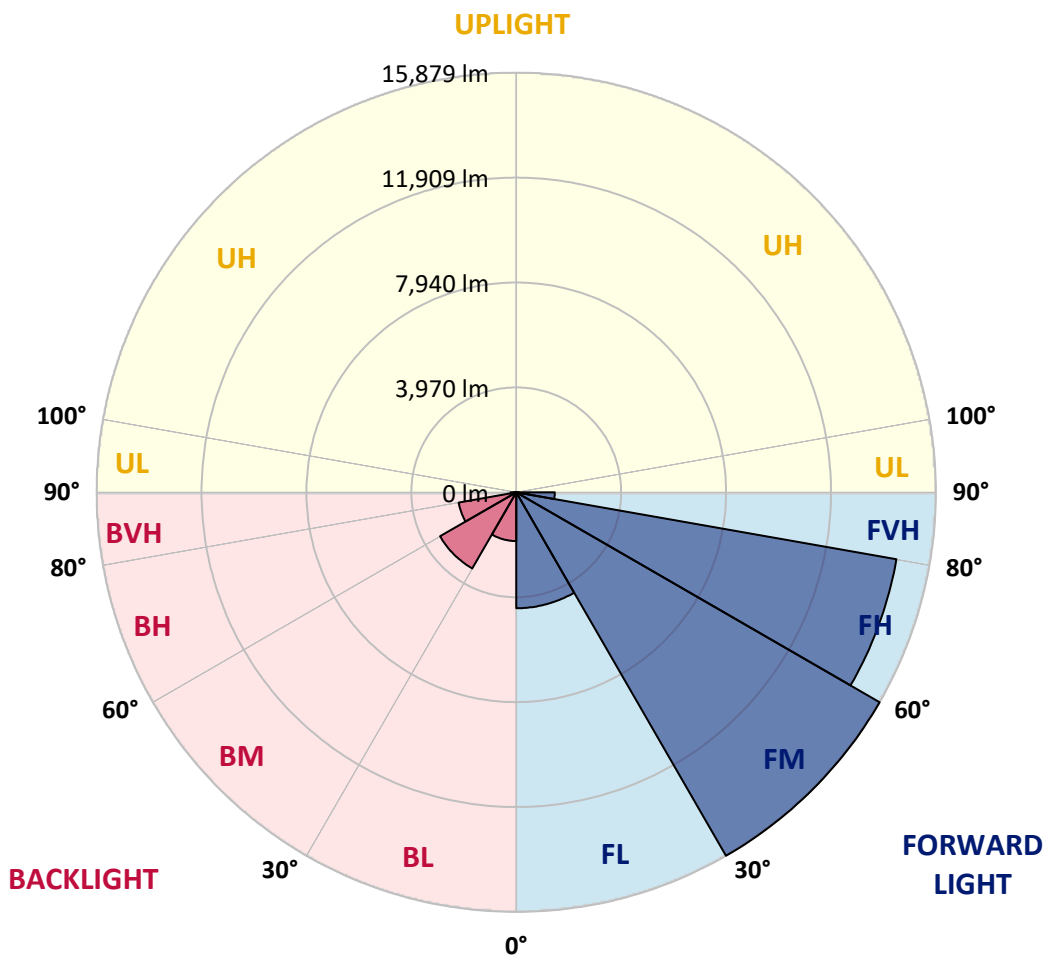


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4385.8	10.0			
FM (30°-60°)	15879.3	36.2			
FH (60°-80°)	14607.3	33.3			G5
FVH (80°-90°)	1457.3	3.3			G5
BL (0°-30°)	1843.6	4.2	B3/2500		
BM (30°-60°)	3328.1	7.6	B3/5000		
BH (60°-80°)	2212.8	5.0	B3/2500		G3/2500
BVH (80°-90°)	208.9	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**  
 Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4
2.5°	14335.0	14208.6	14017.2	13825.7	13683.5	13539.5	13376.2	13212.9	13026.7	12838.8	12728.2
5°	14097.9	13746.7	13290.1	12833.5	12531.5	12229.4	11887.0	11544.6	11205.6	10866.7	10684.1
7.5°	13030.2	12503.4	11909.8	11316.3	10877.3	10436.5	9962.3	9486.4	9065.0	8641.7	8380.1
10°	11980.1	11347.9	10666.5	9983.4	9421.5	8859.5	8383.6	7905.9	7588.1	7270.2	7029.6
12.5°	11226.7	10526.0	9776.2	9024.6	8462.6	7900.7	7598.6	7296.6	7033.2	6769.7	6492.3
15°	10928.2	10136.2	9368.8	8599.6	8088.6	7577.6	7242.1	6905.0	6552.0	6197.3	5856.6
17.5°	11191.6	10264.4	9430.2	8596.1	7927.0	7257.9	6789.1	6318.4	5853.1	5387.7	4992.6
20°	12013.4	10829.8	9739.3	8647.0	7756.7	6866.3	6237.7	5607.2	5010.1	4413.1	3965.3
22.5°	13167.2	11600.8	10176.6	8752.4	7602.1	6450.1	5661.7	4871.4	4165.5	3459.5	3020.5
25°	14568.6	12622.8	10807.0	8989.5	7538.9	6086.6	5117.3	4147.9	3403.3	2657.0	2344.4
27.5°	16045.4	13841.5	11590.2	9337.2	7549.5	5761.7	4658.9	3554.3	2883.5	2212.7	1998.4
30°	17276.5	15234.1	12503.4	9770.9	7589.8	5408.8	4226.9	3045.1	2491.9	1938.7	1800.0
32.5°	18402.1	16205.2	13191.8	10176.6	7635.5	5092.7	3893.3	2692.1	2240.8	1787.7	1673.6
35°	19564.7	17067.5	13673.0	10276.7	7556.5	4834.5	3665.0	2495.4	2079.2	1661.3	1564.7
37.5°	20844.9	18000.0	14136.6	10271.4	7423.0	4574.6	3487.6	2398.8	1973.9	1547.1	1476.9
40°	22272.6	19030.8	14638.8	10246.8	7301.8	4355.1	3355.9	2354.9	1915.9	1475.1	1415.4
42.5°	23668.7	20014.2	15105.9	10197.6	7203.5	4207.6	3225.9	2244.3	1863.2	1480.4	1396.1
45°	24717.0	20872.9	15511.6	10148.5	7129.7	4111.0	3124.1	2137.2	1814.0	1490.9	1383.8
47.5°	25512.6	21735.2	15961.2	10185.4	7122.7	4060.1	3052.1	2044.1	1721.0	1396.1	1352.2
50°	26524.1	22771.3	16616.2	10461.1	7219.3	3977.6	2967.8	1956.3	1631.4	1306.5	1366.2
52.5°	27783.2	24249.9	17631.2	11010.7	7421.3	3831.8	2834.3	1836.9	1522.5	1206.4	1299.5
55°	29632.4	26144.7	18929.0	11711.4	7665.4	3617.6	2632.4	1645.5	1378.5	1109.9	1192.4
57.5°	31291.9	28058.9	20174.0	12287.4	7818.1	3347.1	2377.8	1408.4	1217.0	1025.6	1073.0
60°	32031.2	29045.8	20757.0	12466.5	7726.8	2987.1	2091.5	1194.1	1074.7	955.3	946.5
62.5°	31743.2	28418.9	20182.8	11946.7	7280.8	2614.8	1838.6	1062.4	972.9	881.6	862.2
65°	30900.3	26448.6	18574.2	10699.9	6527.4	2354.9	1678.8	1002.7	902.6	802.5	781.5
67.5°	29239.0	23644.1	16294.8	8945.5	5570.3	2195.1	1587.5	979.9	858.7	735.8	711.2
70°	26257.1	20268.9	13669.4	7068.3	4583.4	2096.8	1527.8	958.8	811.3	662.0	639.2
72.5°	21566.6	16250.9	10915.9	5579.1	3831.8	2084.5	1520.8	957.1	772.7	588.3	567.2
75°	15441.3	12343.6	8332.7	4320.0	3138.1	1956.3	1443.5	930.7	720.0	507.5	488.2
77.5°	10390.8	8543.4	5791.6	3038.0	2328.6	1619.1	1213.5	807.8	616.4	425.0	405.7
80°	6673.2	5912.8	3881.0	1849.2	1510.2	1171.3	867.5	563.7	449.6	333.7	317.9
82.5°	4896.0	4400.8	2697.4	993.9	839.4	683.1	530.3	377.6	307.3	237.1	230.0
85°	3111.8	3431.4	1986.1	540.9	442.5	344.2	284.5	224.8	177.4	130.0	130.0
87.5°	604.1	835.9	549.7	261.7	191.4	121.2	103.6	84.3	47.4	8.8	10.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4
2.5°	12615.8	12494.6	12373.4	12236.5	12097.7	11969.5	11839.6	11697.4	11723.7	11614.8	11505.9
5°	10501.4	10308.3	10113.4	9944.8	9776.2	9630.4	9482.9	9351.2	9465.4	9388.1	9310.8
7.5°	8116.7	7877.8	7637.3	7435.3	7233.4	7077.1	6919.0	6810.1	6922.5	6908.5	6894.4
10°	6789.1	6557.3	6323.7	6100.7	5877.7	5688.0	5496.6	5335.0	5306.9	5226.1	5143.6
12.5°	6213.1	5895.2	5575.6	5342.0	5108.5	4881.9	4655.4	4465.8	4379.7	4246.2	4111.0
15°	5515.9	5140.1	4764.3	4499.1	4232.2	4012.7	3791.4	3628.1	3573.7	3470.0	3366.4
17.5°	4597.5	4186.5	3775.6	3506.9	3236.5	3060.9	2883.5	2774.6	2774.6	2744.8	2714.9
20°	3517.5	3150.4	2783.4	2577.9	2372.5	2279.4	2184.6	2138.9	2153.0	2154.7	2154.7
22.5°	2579.7	2354.9	2130.1	2047.6	1963.3	1929.9	1896.6	1877.3	1884.3	1886.0	1887.8
25°	2031.8	1945.8	1857.9	1815.8	1771.9	1750.8	1729.8	1722.7	1738.5	1740.3	1740.3
27.5°	1784.2	1731.5	1677.1	1650.7	1622.6	1613.9	1605.1	1592.8	1608.6	1608.6	1606.8
30°	1659.5	1603.3	1547.1	1513.8	1480.4	1483.9	1485.7	1482.1	1492.7	1499.7	1505.0
32.5°	1557.7	1503.2	1448.8	1415.4	1380.3	1375.0	1369.8	1366.2	1389.1	1401.4	1413.7
35°	1466.3	1406.6	1346.9	1315.3	1283.7	1271.4	1259.1	1250.3	1271.4	1287.2	1303.0
37.5°	1404.9	1343.4	1280.2	1250.3	1218.7	1202.9	1187.1	1176.6	1185.4	1192.4	1199.4
40°	1355.7	1292.5	1227.5	1192.4	1157.3	1141.5	1125.7	1116.9	1122.1	1123.9	1125.7
42.5°	1310.0	1248.6	1187.1	1148.5	1108.1	1088.8	1069.5	1058.9	1062.4	1065.9	1067.7
45°	1276.7	1215.2	1152.0	1106.3	1058.9	1037.9	1016.8	1004.5	1006.2	1006.2	1006.2
47.5°	1308.3	1218.7	1127.4	1074.7	1020.3	995.7	971.1	958.8	955.3	951.8	948.3
50°	1424.2	1271.4	1116.9	1050.1	981.7	955.3	927.2	913.2	904.4	900.9	897.4
52.5°	1390.8	1259.1	1125.7	1039.6	951.8	920.2	888.6	865.8	857.0	851.7	846.4
55°	1273.2	1190.6	1106.3	1002.7	899.1	871.0	841.2	825.4	809.6	806.0	802.5
57.5°	1118.6	1085.3	1051.9	946.5	841.2	814.8	786.7	776.2	762.1	762.1	760.4
60°	936.0	985.2	1034.3	913.2	790.2	760.4	730.5	721.8	716.5	714.7	713.0
62.5°	841.2	922.0	1001.0	872.8	742.8	711.2	679.6	669.1	667.3	669.1	669.1
65°	760.4	785.0	809.6	749.9	690.1	658.5	625.2	614.6	618.1	623.4	628.7
67.5°	686.6	681.4	676.1	655.0	632.2	605.9	577.8	567.2	569.0	576.0	583.0
70°	616.4	609.4	600.6	584.8	569.0	546.1	523.3	516.3	514.5	523.3	530.3
72.5°	546.1	537.4	526.8	514.5	500.5	481.2	461.9	456.6	458.3	463.6	468.9
75°	468.9	461.9	453.1	442.5	430.2	412.7	395.1	391.6	395.1	400.4	405.7
77.5°	384.6	382.8	379.3	370.5	361.8	342.4	321.4	319.6	324.9	330.1	333.7
80°	300.3	302.0	303.8	296.8	289.8	268.7	245.9	244.1	249.4	254.6	259.9
82.5°	221.3	226.5	230.0	221.3	212.5	187.9	163.3	159.8	177.4	182.6	187.9
85°	128.2	135.2	142.2	135.2	128.2	103.6	79.0	77.3	93.1	101.9	110.6
87.5°	10.5	14.0	17.6	15.8	14.0	7.0	0.0	0.0	1.8	8.8	15.8
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: P320621  
 CATALOG NUMBER: GAN-SA7D-730-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: P320621

CATALOG NUMBER: GAN-SA7D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4
2.5°	11437.4	11369.0	11347.9	11326.8	11249.5	11170.5	11251.3	11330.3	11363.7	11397.1	11311.0
5°	9300.3	9288.0	9288.0	9286.2	9216.0	9144.0	9198.4	9251.1	9133.5	9015.8	9003.5
7.5°	6969.9	7045.5	7106.9	7166.6	7143.8	7121.0	7171.9	7222.8	7073.6	6922.5	6848.8
10°	5161.2	5177.0	5243.7	5310.4	5326.2	5340.3	5403.5	5465.0	5349.1	5233.2	5182.2
12.5°	4026.7	3942.4	3951.2	3958.2	3989.8	4019.7	4086.4	4151.4	4104.0	4054.8	4060.1
15°	3261.1	3153.9	3110.0	3064.4	3099.5	3134.6	3182.0	3227.7	3229.5	3229.5	3275.1
17.5°	2662.2	2607.8	2563.9	2518.2	2565.7	2611.3	2616.6	2621.9	2623.6	2625.4	2621.9
20°	2181.1	2207.4	2193.4	2179.3	2196.9	2212.7	2226.7	2239.0	2223.2	2205.7	2161.8
22.5°	1912.4	1935.2	1952.8	1968.6	1998.4	2026.5	2012.5	1996.7	1965.1	1931.7	1898.3
25°	1756.1	1771.9	1789.5	1807.0	1831.6	1854.4	1829.9	1805.3	1782.4	1759.6	1736.8
27.5°	1624.4	1640.2	1656.0	1670.0	1692.9	1713.9	1691.1	1668.3	1649.0	1629.7	1612.1
30°	1517.3	1527.8	1540.1	1552.4	1573.5	1592.8	1573.5	1552.4	1538.3	1522.5	1510.2
32.5°	1425.9	1436.5	1441.8	1447.0	1466.3	1485.7	1471.6	1457.6	1445.3	1433.0	1424.2
35°	1325.9	1346.9	1350.4	1353.9	1373.3	1392.6	1383.8	1373.3	1359.2	1345.2	1329.4
37.5°	1224.0	1248.6	1262.6	1274.9	1294.2	1313.6	1304.8	1296.0	1276.7	1257.4	1229.3
40°	1137.9	1148.5	1174.8	1199.4	1231.0	1260.9	1243.3	1224.0	1194.1	1164.3	1150.2
42.5°	1065.9	1064.2	1088.8	1113.4	1160.8	1206.4	1174.8	1143.2	1115.1	1087.0	1083.5
45°	1002.7	997.5	1009.8	1022.0	1073.0	1122.1	1090.5	1057.2	1041.4	1025.6	1025.6
47.5°	946.5	943.0	951.8	958.8	990.4	1020.3	1004.5	988.7	979.9	971.1	972.9
50°	895.6	892.1	900.9	907.9	920.2	930.7	934.2	936.0	930.7	925.5	929.0
52.5°	848.2	848.2	851.7	853.5	869.3	885.1	885.1	883.3	883.3	883.3	886.8
55°	807.8	811.3	811.3	811.3	835.9	858.7	851.7	844.7	846.4	846.4	850.0
57.5°	767.4	772.7	776.2	779.7	804.3	828.9	821.9	814.8	814.8	814.8	816.6
60°	721.8	728.8	735.8	742.8	767.4	792.0	785.0	776.2	778.0	779.7	781.5
62.5°	677.9	684.9	691.9	698.9	723.5	748.1	741.1	732.3	737.6	741.1	741.1
65°	635.7	641.0	648.0	655.0	677.9	700.7	693.7	686.6	693.7	698.9	702.4
67.5°	588.3	591.8	598.8	605.9	628.7	651.5	644.5	635.7	644.5	651.5	658.5
70°	533.9	537.4	546.1	553.2	576.0	598.8	590.0	581.3	590.0	598.8	605.9
72.5°	474.1	477.7	486.4	493.5	519.8	546.1	535.6	525.1	535.6	546.1	549.7
75°	409.2	412.7	423.2	432.0	458.3	484.7	475.9	465.4	474.1	482.9	484.7
77.5°	338.9	344.2	358.2	372.3	393.4	414.4	409.2	403.9	409.2	414.4	414.4
80°	265.2	270.4	288.0	303.8	316.1	328.4	330.1	331.9	333.7	335.4	333.7
82.5°	196.7	203.7	219.5	235.3	235.3	235.3	249.4	261.7	261.7	259.9	258.1
85°	121.2	130.0	144.0	158.0	149.3	140.5	163.3	184.4	184.4	182.6	179.1
87.5°	24.6	33.4	47.4	59.7	50.9	42.1	65.0	87.8	89.6	89.6	86.0
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: P320621  
 CATALOG NUMBER: GAN-SA7D-730-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: P320621

CATALOG NUMBER: GAN-SA7D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4
2.5°	11223.2	11360.2	11495.4	11530.5	11583.2	11606.0	11627.1	11799.2	11969.5	12169.7	12369.9
5°	8989.5	9091.3	9193.2	9209.0	9263.4	9291.5	9319.6	9528.6	9735.8	10015.0	10294.2
7.5°	6775.0	6799.6	6824.2	6820.7	6866.3	6927.8	6987.5	7210.5	7431.8	7732.1	8030.6
10°	5131.3	5187.5	5241.9	5292.9	5393.0	5508.9	5623.0	5851.3	6079.6	6376.4	6671.4
12.5°	4065.4	4130.3	4193.6	4249.8	4365.7	4520.2	4673.0	4946.9	5220.9	5575.6	5928.6
15°	3319.0	3313.8	3308.5	3347.1	3449.0	3617.6	3784.4	4074.1	4363.9	4753.7	5141.8
17.5°	2618.3	2592.0	2565.7	2595.5	2690.3	2829.1	2966.0	3211.9	3456.0	3833.6	4211.1
20°	2117.9	2100.3	2082.7	2110.8	2170.5	2228.5	2286.4	2463.8	2639.4	2946.7	3252.3
22.5°	1863.2	1861.5	1857.9	1873.8	1901.9	1931.7	1959.8	2045.9	2130.1	2328.6	2525.3
25°	1713.9	1712.2	1710.4	1717.5	1740.3	1763.1	1785.9	1842.1	1898.3	1993.2	2088.0
27.5°	1594.5	1591.0	1587.5	1589.3	1594.5	1629.7	1663.0	1689.4	1713.9	1778.9	1842.1
30°	1497.9	1496.2	1494.4	1494.4	1489.2	1501.5	1513.8	1554.1	1592.8	1659.5	1726.2
32.5°	1415.4	1406.6	1397.9	1378.5	1366.2	1383.8	1401.4	1443.5	1485.7	1547.1	1608.6
35°	1311.8	1289.0	1264.4	1253.9	1255.6	1273.2	1290.7	1332.9	1373.3	1440.0	1505.0
37.5°	1199.4	1192.4	1183.6	1181.9	1187.1	1204.7	1222.2	1259.1	1294.2	1361.0	1425.9
40°	1136.2	1132.7	1129.2	1125.7	1129.2	1146.7	1164.3	1199.4	1232.8	1297.8	1361.0
42.5°	1080.0	1078.2	1076.5	1076.5	1078.2	1097.6	1116.9	1152.0	1185.4	1243.3	1301.3
45°	1025.6	1027.3	1027.3	1030.8	1036.1	1055.4	1073.0	1111.6	1150.2	1206.4	1262.6
47.5°	974.6	979.9	983.4	992.2	997.5	1018.5	1037.9	1080.0	1122.1	1192.4	1260.9
50°	930.7	936.0	939.5	946.5	960.6	985.2	1009.8	1060.7	1109.9	1227.5	1343.4
52.5°	890.3	895.6	900.9	907.9	925.5	953.6	981.7	1044.9	1106.3	1243.3	1380.3
55°	853.5	858.7	862.2	872.8	890.3	914.9	937.8	1015.0	1092.3	1192.4	1292.5
57.5°	818.3	823.6	827.1	834.1	842.9	869.3	893.9	976.4	1058.9	1129.2	1197.7
60°	781.5	785.0	786.7	786.7	793.8	823.6	853.5	958.8	1062.4	1050.1	1036.1
62.5°	741.1	744.6	746.3	741.1	749.9	781.5	813.1	950.0	1087.0	1002.7	918.4
65°	704.2	702.4	700.7	695.4	706.0	737.6	767.4	835.9	904.4	871.0	837.7
67.5°	663.8	658.5	653.3	646.2	656.8	684.9	711.2	734.0	756.9	760.4	763.9
70°	612.9	605.9	598.8	597.1	602.3	625.2	648.0	663.8	677.9	684.9	690.1
72.5°	553.2	547.9	542.6	539.1	540.9	560.2	577.8	591.8	605.9	611.1	614.6
75°	486.4	486.4	484.7	474.1	474.1	490.0	504.0	516.3	528.6	535.6	542.6
77.5°	414.4	416.2	416.2	402.1	400.4	416.2	430.2	440.8	449.6	456.6	461.9
80°	331.9	328.4	324.9	316.1	312.6	331.9	349.5	358.2	365.3	367.0	367.0
82.5°	254.6	247.6	238.8	219.5	221.3	242.3	261.7	268.7	275.7	275.7	275.7
85°	173.9	159.8	144.0	128.2	130.0	152.8	173.9	180.9	187.9	191.4	193.2
87.5°	82.5	68.5	52.7	40.4	40.4	59.7	77.3	80.8	84.3	91.3	98.3
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: P320621  
 CATALOG NUMBER: GAN-SA7D-730-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: P320621

CATALOG NUMBER: GAN-SA7D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4
2.5°	12522.7	12673.7	12830.0	12986.3	13165.4	13344.6	13553.5	13760.8	13938.1	14115.5	14263.0
5°	10534.8	10775.4	11058.1	11340.9	11700.9	12060.9	12501.6	12940.7	13332.3	13723.9	14178.7
7.5°	8345.0	8657.5	9026.3	9395.1	9860.5	10325.8	10896.6	11467.3	12020.5	12571.9	13270.8
10°	6999.8	7328.2	7691.7	8053.5	8527.6	9000.0	9604.1	10206.4	10828.1	11448.0	12238.2
12.5°	6293.8	6657.4	6977.0	7296.6	7681.2	8064.0	8648.8	9233.5	9964.1	10692.9	11453.3
15°	5540.5	5937.4	6320.2	6703.0	7122.7	7540.7	8109.6	8678.6	9477.6	10276.7	11151.2
17.5°	4629.1	5047.0	5514.1	5979.5	6527.4	7073.6	7802.3	8531.1	9477.6	10422.4	11453.3
20°	3679.0	4105.8	4664.2	5222.6	5904.0	6583.6	7528.4	8473.2	9748.1	11021.3	12336.6
22.5°	2902.8	3278.6	3888.0	4495.6	5282.3	6069.1	7280.8	8490.7	10157.3	11822.0	13597.4
25°	2353.2	2618.3	3217.2	3814.2	4722.1	5630.0	7129.7	8627.7	10752.6	12875.7	15077.8
27.5°	2016.0	2189.9	2748.3	3305.0	4297.2	5287.6	7068.3	8847.2	11507.7	14168.2	16688.2
30°	1847.4	1968.6	2441.0	2911.6	3919.6	4927.6	6994.5	9061.5	12234.7	15406.2	17947.3
32.5°	1706.9	1803.5	2207.4	2609.6	3593.0	4576.4	6852.3	9126.4	12742.2	16358.0	19013.2
35°	1587.5	1668.3	2019.5	2370.7	3336.6	4302.4	6613.5	8924.5	13060.1	17195.7	20123.1
37.5°	1490.9	1554.1	1879.0	2203.9	3115.3	4026.7	6341.3	8655.8	13342.8	18029.8	21371.7
40°	1415.4	1469.9	1773.7	2077.5	2904.6	3731.7	6107.7	8481.9	13732.7	18983.4	22690.5
42.5°	1373.3	1443.5	1682.3	1919.4	2704.4	3489.4	5919.8	8350.2	14094.4	19836.9	23844.3
45°	1362.7	1462.8	1634.9	1807.0	2555.1	3303.2	5753.0	8201.0	14328.0	20455.0	24713.5
47.5°	1345.2	1427.7	1598.0	1768.4	2481.4	3192.6	5663.4	8132.5	14561.5	20988.9	25435.3
50°	1355.7	1366.2	1568.2	1768.4	2470.8	3173.3	5765.3	8357.3	15067.3	21775.6	26260.6
52.5°	1336.4	1290.7	1512.0	1733.3	2469.1	3204.9	6058.5	8912.2	16006.8	23099.7	27154.5
55°	1234.5	1174.8	1406.6	1638.4	2432.2	3224.2	6408.0	9590.0	17267.7	24943.6	28761.3
57.5°	1145.0	1090.5	1287.2	1482.1	2319.8	3157.5	6768.0	10376.8	18600.6	26822.6	30571.9
60°	1025.6	1013.3	1153.8	1294.2	2145.9	2995.9	7064.8	11131.9	19496.2	27858.7	31269.0
62.5°	927.2	934.2	1037.9	1141.5	1928.2	2713.2	7163.1	11611.3	19471.6	27331.9	30566.6
65°	851.7	864.0	965.9	1067.7	1742.0	2416.4	6840.0	11261.8	18486.4	25709.2	29177.5
67.5°	778.0	792.0	913.2	1032.6	1577.0	2119.6	6032.2	9943.0	16714.5	23484.3	27410.9
70°	707.7	725.3	857.0	988.7	1457.6	1924.7	4990.8	8057.0	14496.6	20934.4	25365.0
72.5°	632.2	649.8	790.2	930.7	1382.0	1831.6	4068.9	6304.4	11764.1	17222.0	21696.6
75°	554.9	567.2	720.0	871.0	1278.4	1685.9	3192.6	4697.6	9003.5	13309.4	16387.9
77.5°	477.7	493.5	621.7	748.1	1085.3	1420.7	2405.9	3391.0	6606.4	9820.1	11397.1
80°	381.1	395.1	486.4	576.0	837.7	1097.6	1654.2	2210.9	4546.5	6882.1	7770.7
82.5°	291.5	307.3	368.8	428.5	597.1	765.7	1002.7	1239.8	3020.5	4799.4	4873.2
85°	200.2	205.5	249.4	291.5	368.8	446.0	574.2	702.4	1998.4	3294.4	2744.8
87.5°	100.1	100.1	130.0	159.8	198.4	237.1	303.8	368.8	639.2	909.7	523.3
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: P320621  
 CATALOG NUMBER: GAN-SA7D-730-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: P320621

CATALOG NUMBER: GAN-SA7D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4
2.5°	14450.9	14579.1	14709.1	14807.4	14907.5	15051.5	15195.5	15221.8	15249.9	15193.7	15137.5
5°	14637.1	15025.2	15415.0	15775.0	16135.0	16351.0	16567.0	16610.9	16654.8	16519.6	16382.6
7.5°	13946.9	14623.0	15299.1	15919.0	16538.9	16914.7	17292.3	17376.6	17462.6	17241.3	17020.1
10°	13025.0	13855.6	14686.2	15502.8	16319.4	16865.5	17411.7	17520.6	17629.4	17353.7	17078.0
12.5°	12312.0	13198.8	14085.6	14946.1	15808.4	16373.8	16939.3	17074.5	17209.7	17009.5	16807.6
15°	12092.5	12926.6	13760.8	14510.6	15262.2	15724.1	16187.7	16242.1	16298.3	16266.7	16235.1
17.5°	12491.1	13244.5	13999.6	14407.0	14816.2	15000.6	15186.7	15246.4	15307.9	15386.9	15467.7
20°	13457.0	13987.3	14519.4	14501.8	14482.5	14393.0	14301.6	14285.8	14270.0	14496.6	14724.9
22.5°	14898.7	15109.4	15321.9	14828.5	14335.0	14034.7	13732.7	13673.0	13611.5	13852.1	14094.4
25°	16463.4	16424.8	16384.4	15444.9	14503.6	13931.1	13358.6	13291.9	13225.2	13430.6	13637.8
27.5°	18012.3	17759.4	17506.5	16229.8	14953.2	14122.5	13291.9	13225.2	13158.4	13341.1	13523.7
30°	19148.5	18742.8	18337.1	16891.9	15446.6	14459.7	13472.8	13363.9	13253.3	13478.0	13702.8
32.5°	20035.3	19490.9	18946.5	17429.2	15912.0	14844.3	13776.6	13606.2	13435.9	13736.2	14036.5
35°	20920.4	20154.7	19387.3	17908.7	16428.3	15299.1	14168.2	13959.2	13750.2	14162.9	14575.6
37.5°	22033.7	20934.4	19833.3	18447.8	17062.2	15980.5	14897.0	14682.7	14468.5	14993.5	15520.4
40°	23241.9	21775.6	20309.2	19037.8	17766.4	16923.5	16078.8	15875.1	15669.6	16308.9	16948.1
42.5°	24246.4	22558.8	20871.2	19749.0	18625.1	18031.6	17436.3	17434.5	17431.0	18079.0	18727.0
45°	25063.0	23212.1	21359.4	20442.7	19524.3	19215.2	18906.1	19153.7	19401.3	19986.1	20572.7
47.5°	25672.4	23760.0	21845.8	21236.5	20627.1	20672.8	20718.4	21222.4	21726.4	22102.2	22479.8
50°	26069.2	24256.9	22442.9	22255.0	22067.1	22476.3	22887.2	23464.9	24044.5	24300.8	24557.2
52.5°	26647.0	24931.3	23213.8	23424.6	23635.3	24471.2	25307.1	25891.9	26476.6	26571.5	26668.1
55°	27983.4	26171.1	24357.0	24760.9	25166.6	26392.4	27619.9	28076.5	28533.0	28568.2	28603.3
57.5°	29881.7	27907.9	25934.0	26369.5	26805.0	28220.5	29637.6	30129.3	30622.8	30554.3	30484.1
60°	31302.4	29556.8	27809.5	28248.5	28687.6	30067.9	31448.2	32013.6	32580.8	32429.8	32278.8
62.5°	31390.2	30457.7	29523.5	29920.4	30319.0	31671.2	33023.4	33604.6	34185.9	33922.5	33659.1
65°	29994.1	30412.1	30830.0	30961.7	31093.4	32354.3	33616.9	34061.2	34507.3	34373.8	34240.3
67.5°	28071.2	29611.3	31153.1	30888.0	30622.8	31214.6	31806.4	32264.7	32723.1	32647.6	32570.3
70°	26151.8	28208.2	30264.5	28961.5	27656.7	27412.6	27168.6	27662.0	28157.2	27851.7	27544.4
72.5°	22883.7	25075.3	27268.6	24868.1	22467.5	21633.3	20799.2	21426.1	22053.0	21566.6	21078.4
75°	17963.1	20384.8	22808.2	19944.0	17079.8	15966.4	14853.1	15392.2	15931.3	15597.6	15262.2
77.5°	13372.7	15759.2	18145.7	15234.1	12320.8	11493.6	10664.8	10824.6	10986.1	10929.9	10872.0
80°	9070.2	10733.3	12398.0	10459.3	8520.6	8583.8	8648.8	8573.3	8496.0	8608.4	8720.8
82.5°	5788.1	7071.8	8357.3	7328.2	6299.1	6889.2	7479.2	7189.5	6897.9	7005.1	7113.9
85°	3303.2	4558.8	5816.2	5421.1	5024.2	5368.4	5714.3	5264.8	4815.2	5011.9	5210.3
87.5°	871.0	2521.8	4174.2	3789.7	3405.1	2959.0	2513.0	1917.7	1322.3	1931.7	2541.1
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: P320621  
 CATALOG NUMBER: GAN-SA7D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P320621

CATALOG NUMBER: GAN-SA7D-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4	13381.4
2.5°	15107.7	15077.8	14970.7	14861.8	14700.3	14566.8	14335.0
5°	16193.0	16003.3	15676.7	15348.3	14983.0	14563.3	14097.9
7.5°	16577.5	16133.2	15506.3	14877.6	14312.2	13648.4	13030.2
10°	16414.2	15748.7	14933.8	14117.3	13430.6	12666.7	11980.1
12.5°	16101.6	15393.9	14496.6	13597.4	12816.0	11995.9	11226.7
15°	15671.4	15105.9	14264.8	13423.6	12636.9	11839.6	10928.2
17.5°	15200.8	14932.1	14324.5	13715.1	13033.7	12261.1	11191.6
20°	14821.4	14919.8	14677.4	14435.1	13889.0	13214.6	12013.4
22.5°	14565.1	15037.4	15223.6	15411.5	15083.1	14556.3	13167.2
25°	14421.1	15204.3	15827.7	16452.9	16307.1	15901.4	14568.6
27.5°	14484.3	15444.9	16412.5	17381.8	17517.1	17404.7	16045.4
30°	14673.9	15646.8	16825.1	18005.2	18544.4	18695.4	17276.5
32.5°	14990.0	15943.6	17227.3	18512.8	19327.6	19808.8	18402.1
35°	15467.7	16359.8	17697.9	19036.1	20089.7	20967.8	19564.7
37.5°	16287.8	17055.2	18289.7	19526.0	20892.3	22211.1	20844.9
40°	17489.0	18031.6	19074.7	20119.6	21838.8	23619.5	22272.6
42.5°	19004.5	19283.7	20110.8	20937.9	22827.5	24897.9	23668.7
45°	20646.4	20720.2	21240.0	21761.5	23610.7	25768.9	24717.0
47.5°	22226.9	21974.0	22181.2	22388.5	24211.3	26390.6	25512.6
50°	23853.0	23148.8	23040.0	22931.1	24811.9	27122.9	26524.1
52.5°	25507.3	24346.5	23916.3	23484.3	25528.4	28094.0	27783.2
55°	27126.4	25649.5	25070.0	24490.5	26624.2	29279.4	29632.4
57.5°	28810.5	27136.9	26599.6	26062.2	28234.5	30780.8	31291.9
60°	30622.8	28965.0	28534.8	28102.8	30236.4	32403.5	32031.2
62.5°	32342.0	31024.9	30798.4	30570.1	32261.2	33650.3	31743.2
65°	33490.5	32738.9	32949.6	33162.1	33792.5	33961.1	30900.3
67.5°	32723.1	32875.9	33766.2	34658.3	34224.5	33037.4	29239.0
70°	28459.3	29376.0	31485.0	33595.9	32633.5	30563.1	26257.1
72.5°	22107.5	23138.3	26269.4	29402.3	28515.5	25979.7	21566.6
75°	16424.8	17589.1	21045.0	24501.0	23270.0	19433.0	15441.3
77.5°	11651.7	12431.4	15843.5	19257.3	17250.1	12935.4	10390.8
80°	8481.9	8243.1	10145.0	12046.8	11713.2	8555.7	6673.2
82.5°	6530.9	5947.9	6843.5	7739.1	7689.9	5937.4	4896.0
85°	4976.8	4743.2	5535.2	6327.2	5649.4	4021.5	3111.8
87.5°	2901.1	3262.8	4195.3	5129.6	3849.4	1220.5	604.1
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: P320621  
 CATALOG NUMBER: GAN-SA7D-730-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)