

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: P320615

Luminaire Tested: **GAN-SA1D-730-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320615
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-SA1D-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6503 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

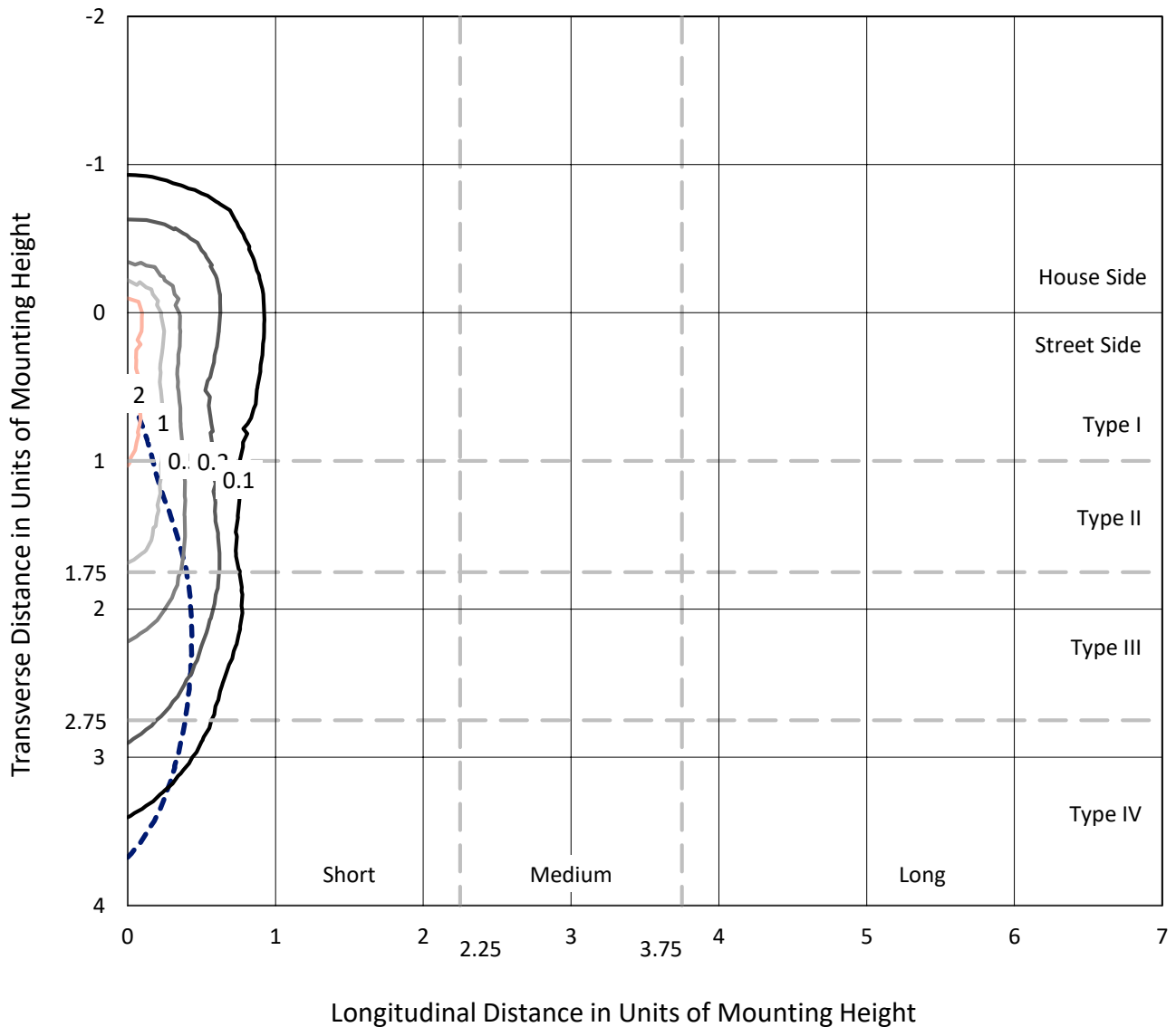
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P320615
 CATALOG NUMBER: GAN-SA1D-730-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

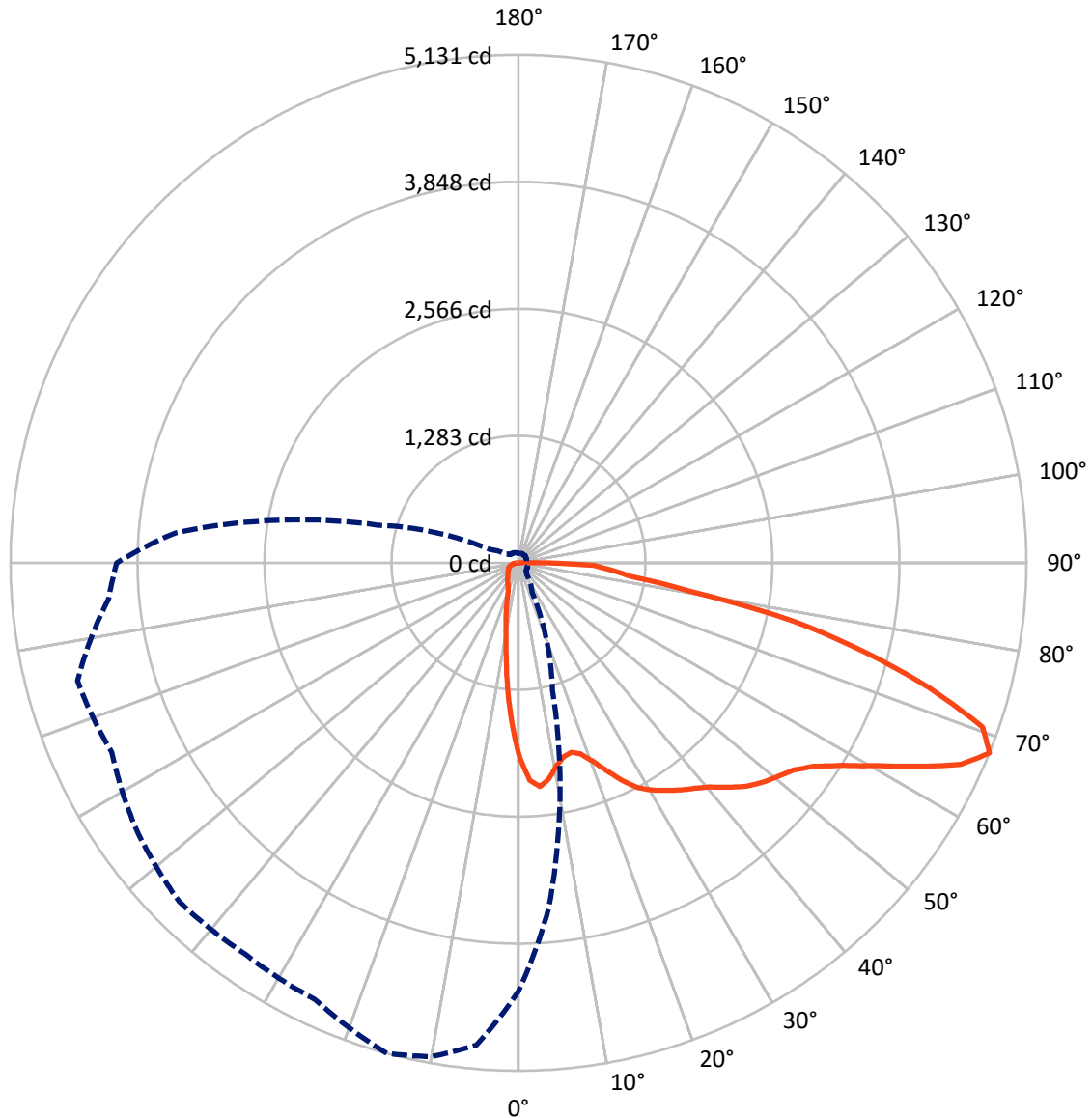
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.2 fc
 Type IV - Medium - N/A

REPORT NUMBER: P320615
CATALOG NUMBER: GAN-SA1D-730-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P320615
 CATALOG NUMBER: GAN-SA1D-730-U-SLR

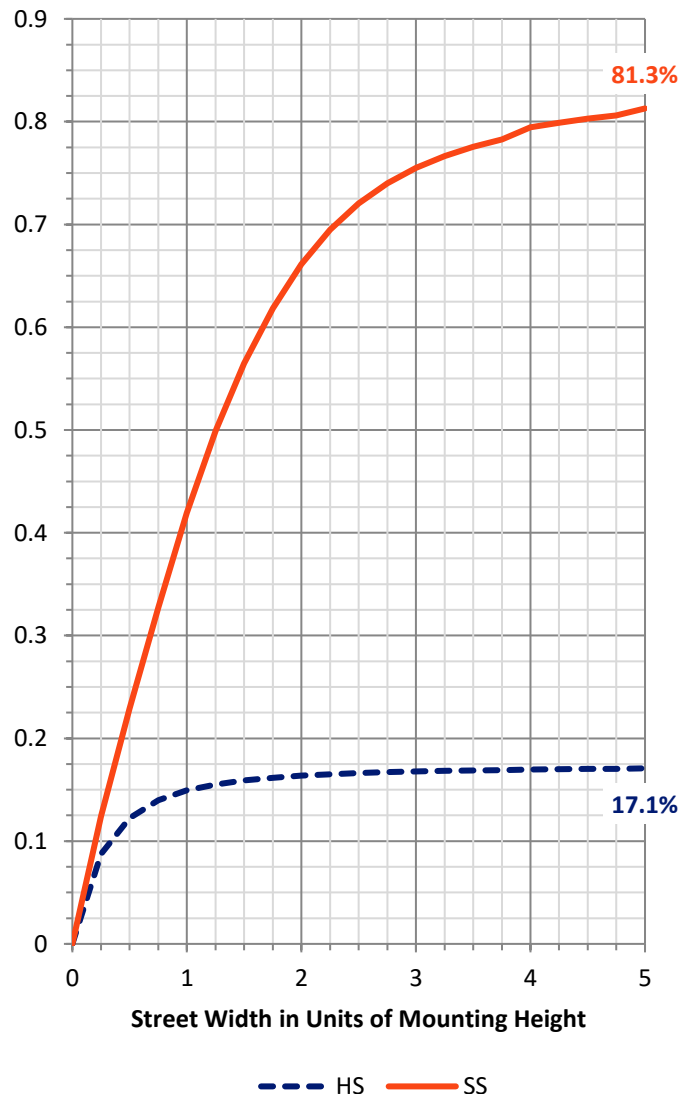
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1124.2	0.0	1124.2
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	5378.8	0.0	5378.8
	% Fixture	82.7	0.0	82.7
Total	Lumens	6503.0	0.0	6503.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.9	2.4
10°-20°	317.6	4.9
20°-30°	451.8	6.9
30°-40°	651.0	10.0
40°-50°	917.4	14.1
50°-60°	1275.4	19.6
60°-70°	1542.3	23.7
70°-80°	948.0	14.6
80°-90°	246.7	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°	6503.0	100.0
0°-180°	6503.0	100.0

Coefficient of Utilization

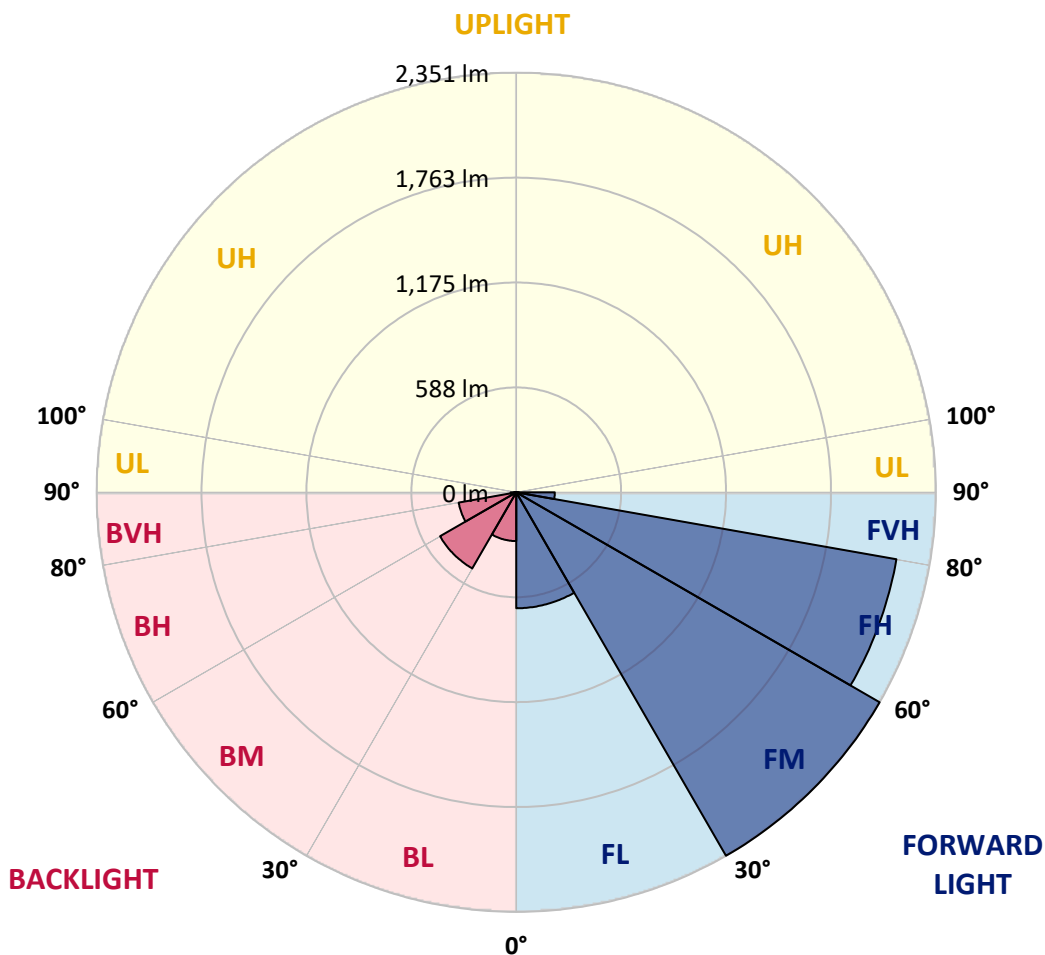


REPORT NUMBER: P320615
 CATALOG NUMBER: GAN-SA1D-730-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	649.3	10.0			
FM (30°-60°)	2351.0	36.2			
FH (60°-80°)	2162.7	33.3			G2/5000
FVH (80°-90°)	215.8	3.3			G2/225
BL (0°-30°)	273.0	4.2	B1/500		
BM (30°-60°)	492.7	7.6	B1/1000		
BH (60°-80°)	327.6	5.0	B1/500		G1/500
BVH (80°-90°)	30.9	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Medium





REPORT NUMBER: P320615

CATALOG NUMBER: GAN-SA1D-730-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2
2.5°	2122.4	2103.6	2075.3	2047.0	2025.9	2004.6	1980.4	1956.2	1928.7	1900.8	1884.5
5°	2087.3	2035.3	1967.7	1900.1	1855.3	1810.6	1759.9	1709.2	1659.0	1608.9	1581.8
7.5°	1929.2	1851.2	1763.3	1675.4	1610.4	1545.2	1475.0	1404.5	1342.1	1279.4	1240.7
10°	1773.7	1680.1	1579.2	1478.1	1394.9	1311.7	1241.2	1170.5	1123.5	1076.4	1040.8
12.5°	1662.2	1558.4	1447.4	1336.1	1252.9	1169.7	1125.0	1080.3	1041.3	1002.3	961.2
15°	1618.0	1500.7	1387.1	1273.2	1197.6	1121.9	1072.2	1022.3	970.1	917.5	867.1
17.5°	1657.0	1519.7	1396.2	1272.7	1173.6	1074.6	1005.2	935.5	866.6	797.7	739.2
20°	1778.6	1603.4	1441.9	1280.2	1148.4	1016.6	923.5	830.2	741.8	653.4	587.1
22.5°	1949.5	1717.5	1506.7	1295.8	1125.5	955.0	838.2	721.2	616.7	512.2	447.2
25°	2156.9	1868.9	1600.0	1330.9	1116.2	901.2	757.6	614.1	503.9	393.4	347.1
27.5°	2375.6	2049.3	1716.0	1382.4	1117.7	853.1	689.8	526.2	426.9	327.6	295.9
30°	2557.9	2255.5	1851.2	1446.6	1123.7	800.8	625.8	450.8	368.9	287.0	266.5
32.5°	2724.5	2399.3	1953.1	1506.7	1130.5	754.0	576.4	398.6	331.8	264.7	247.8
35°	2896.6	2526.9	2024.3	1521.5	1118.8	715.8	542.6	369.5	307.8	246.0	231.7
37.5°	3086.2	2665.0	2093.0	1520.7	1099.0	677.3	516.4	355.2	292.2	229.1	218.7
40°	3297.6	2817.6	2167.3	1517.1	1081.1	644.8	496.9	348.7	283.7	218.4	209.6
42.5°	3504.3	2963.2	2236.5	1509.8	1066.5	623.0	477.6	332.3	275.9	219.2	206.7
45°	3659.5	3090.3	2296.6	1502.5	1055.6	608.7	462.5	316.4	268.6	220.7	204.9
47.5°	3777.2	3218.0	2363.1	1508.0	1054.6	601.1	451.9	302.6	254.8	206.7	200.2
50°	3927.0	3371.4	2460.1	1548.8	1068.9	588.9	439.4	289.6	241.5	193.4	202.3
52.5°	4113.4	3590.3	2610.4	1630.2	1098.8	567.3	419.6	272.0	225.4	178.6	192.4
55°	4387.2	3870.8	2802.5	1733.9	1134.9	535.6	389.7	243.6	204.1	164.3	176.5
57.5°	4632.9	4154.2	2986.9	1819.2	1157.5	495.6	352.0	208.5	180.2	151.8	158.9
60°	4742.4	4300.4	3073.2	1845.7	1144.0	442.3	309.7	176.8	159.1	141.4	140.1
62.5°	4699.7	4207.5	2988.2	1768.8	1078.0	387.1	272.2	157.3	144.0	130.5	127.7
65°	4574.9	3915.8	2750.0	1584.2	966.4	348.7	248.6	148.5	133.6	118.8	115.7
67.5°	4329.0	3500.6	2412.5	1324.4	824.7	325.0	235.0	145.1	127.1	108.9	105.3
70°	3887.5	3000.9	2023.8	1046.5	678.6	310.4	226.2	142.0	120.1	98.0	94.6
72.5°	3193.0	2406.0	1616.1	826.0	567.3	308.6	225.2	141.7	114.4	87.1	84.0
75°	2286.2	1827.5	1233.7	639.6	464.6	289.6	213.7	137.8	106.6	75.1	72.3
77.5°	1538.4	1264.9	857.5	449.8	344.8	239.7	179.7	119.6	91.3	62.9	60.1
80°	988.0	875.4	574.6	273.8	223.6	173.4	128.4	83.5	66.6	49.4	47.1
82.5°	724.9	651.6	399.4	147.2	124.3	101.1	78.5	55.9	45.5	35.1	34.1
85°	460.7	508.0	294.1	80.1	65.5	51.0	42.1	33.3	26.3	19.2	19.2
87.5°	89.4	123.8	81.4	38.7	28.3	17.9	15.3	12.5	7.0	1.3	1.6
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: P320615
 CATALOG NUMBER: GAN-SA1D-730-U-SLR

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



REPORT NUMBER: P320615
 CATALOG NUMBER: GAN-SA1D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2
2.5°	1867.8	1849.9	1831.9	1811.7	1791.1	1772.1	1752.9	1731.8	1735.7	1719.6	1703.5
5°	1554.8	1526.2	1497.3	1472.4	1447.4	1425.8	1404.0	1384.5	1401.4	1389.9	1378.5
7.5°	1201.7	1166.4	1130.7	1100.8	1070.9	1047.8	1024.4	1008.3	1024.9	1022.8	1020.8
10°	1005.2	970.8	936.3	903.2	870.2	842.1	813.8	789.9	785.7	773.8	761.5
12.5°	919.9	872.8	825.5	790.9	756.3	722.8	689.3	661.2	648.4	628.7	608.7
15°	816.7	761.0	705.4	666.1	626.6	594.1	561.3	537.2	529.1	513.8	498.4
17.5°	680.7	619.8	559.0	519.2	479.2	453.2	426.9	410.8	410.8	406.4	402.0
20°	520.8	466.4	412.1	381.7	351.3	337.5	323.4	316.7	318.8	319.0	319.0
22.5°	381.9	348.7	315.4	303.2	290.7	285.7	280.8	277.9	279.0	279.2	279.5
25°	300.8	288.1	275.1	268.8	262.3	259.2	256.1	255.1	257.4	257.7	257.7
27.5°	264.2	256.4	248.3	244.4	240.2	238.9	237.6	235.8	238.2	238.2	237.9
30°	245.7	237.4	229.1	224.1	219.2	219.7	220.0	219.4	221.0	222.0	222.8
32.5°	230.6	222.6	214.5	209.6	204.4	203.6	202.8	202.3	205.7	207.5	209.3
35°	217.1	208.3	199.4	194.7	190.1	188.2	186.4	185.1	188.2	190.6	192.9
37.5°	208.0	198.9	189.5	185.1	180.4	178.1	175.8	174.2	175.5	176.5	177.6
40°	200.7	191.4	181.7	176.5	171.3	169.0	166.7	165.4	166.1	166.4	166.7
42.5°	194.0	184.9	175.8	170.0	164.1	161.2	158.3	156.8	157.3	157.8	158.1
45°	189.0	179.9	170.6	163.8	156.8	153.7	150.5	148.7	149.0	149.0	149.0
47.5°	193.7	180.4	166.9	159.1	151.1	147.4	143.8	142.0	141.4	140.9	140.4
50°	210.9	188.2	165.4	155.5	145.3	141.4	137.3	135.2	133.9	133.4	132.9
52.5°	205.9	186.4	166.7	153.9	140.9	136.2	131.6	128.2	126.9	126.1	125.3
55°	188.5	176.3	163.8	148.5	133.1	129.0	124.5	122.2	119.9	119.3	118.8
57.5°	165.6	160.7	155.7	140.1	124.5	120.6	116.5	114.9	112.8	112.8	112.6
60°	138.6	145.9	153.1	135.2	117.0	112.6	108.2	106.9	106.1	105.8	105.6
62.5°	124.5	136.5	148.2	129.2	110.0	105.3	100.6	99.1	98.8	99.1	99.1
65°	112.6	116.2	119.9	111.0	102.2	97.5	92.6	91.0	91.5	92.3	93.1
67.5°	101.7	100.9	100.1	97.0	93.6	89.7	85.5	84.0	84.2	85.3	86.3
70°	91.3	90.2	88.9	86.6	84.2	80.9	77.5	76.4	76.2	77.5	78.5
72.5°	80.9	79.6	78.0	76.2	74.1	71.2	68.4	67.6	67.9	68.6	69.4
75°	69.4	68.4	67.1	65.5	63.7	61.1	58.5	58.0	58.5	59.3	60.1
77.5°	56.9	56.7	56.2	54.9	53.6	50.7	47.6	47.3	48.1	48.9	49.4
80°	44.5	44.7	45.0	43.9	42.9	39.8	36.4	36.1	36.9	37.7	38.5
82.5°	32.8	33.5	34.1	32.8	31.5	27.8	24.2	23.7	26.3	27.0	27.8
85°	19.0	20.0	21.1	20.0	19.0	15.3	11.7	11.4	13.8	15.1	16.4
87.5°	1.6	2.1	2.6	2.3	2.1	1.0	0.0	0.0	0.3	1.3	2.3
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):

	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: P320615
 CATALOG NUMBER: GAN-SA1D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2
2.5°	1693.4	1683.2	1680.1	1677.0	1665.5	1653.8	1665.8	1677.5	1682.4	1687.4	1674.6
5°	1376.9	1375.1	1375.1	1374.9	1364.5	1353.8	1361.9	1369.7	1352.2	1334.8	1333.0
7.5°	1031.9	1043.1	1052.2	1061.1	1057.7	1054.3	1061.8	1069.4	1047.3	1024.9	1014.0
10°	764.1	766.5	776.4	786.2	788.6	790.7	800.0	809.1	792.0	774.8	767.3
12.5°	596.2	583.7	585.0	586.0	590.7	595.1	605.0	614.6	607.6	600.3	601.1
15°	482.8	467.0	460.5	453.7	458.9	464.1	471.1	477.9	478.1	478.1	484.9
17.5°	394.2	386.1	379.6	372.8	379.9	386.6	387.4	388.2	388.4	388.7	388.2
20°	322.9	326.8	324.7	322.7	325.3	327.6	329.7	331.5	329.2	326.6	320.1
22.5°	283.1	286.5	289.1	291.5	295.9	300.0	298.0	295.6	290.9	286.0	281.1
25°	260.0	262.3	264.9	267.5	271.2	274.6	270.9	267.3	263.9	260.5	257.1
27.5°	240.5	242.8	245.2	247.3	250.6	253.8	250.4	247.0	244.1	241.3	238.7
30°	224.6	226.2	228.0	229.8	233.0	235.8	233.0	229.8	227.8	225.4	223.6
32.5°	211.1	212.7	213.5	214.2	217.1	220.0	217.9	215.8	214.0	212.2	210.9
35°	196.3	199.4	199.9	200.5	203.3	206.2	204.9	203.3	201.2	199.2	196.8
37.5°	181.2	184.9	186.9	188.8	191.6	194.5	193.2	191.9	189.0	186.2	182.0
40°	168.5	170.0	173.9	177.6	182.3	186.7	184.1	181.2	176.8	172.4	170.3
42.5°	157.8	157.6	161.2	164.8	171.9	178.6	173.9	169.3	165.1	160.9	160.4
45°	148.5	147.7	149.5	151.3	158.9	166.1	161.5	156.5	154.2	151.8	151.8
47.5°	140.1	139.6	140.9	142.0	146.6	151.1	148.7	146.4	145.1	143.8	144.0
50°	132.6	132.1	133.4	134.4	136.2	137.8	138.3	138.6	137.8	137.0	137.5
52.5°	125.6	125.6	126.1	126.4	128.7	131.0	131.0	130.8	130.8	130.8	131.3
55°	119.6	120.1	120.1	120.1	123.8	127.1	126.1	125.1	125.3	125.3	125.8
57.5°	113.6	114.4	114.9	115.4	119.1	122.7	121.7	120.6	120.6	120.6	120.9
60°	106.9	107.9	108.9	110.0	113.6	117.3	116.2	114.9	115.2	115.4	115.7
62.5°	100.4	101.4	102.4	103.5	107.1	110.8	109.7	108.4	109.2	109.7	109.7
65°	94.1	94.9	95.9	97.0	100.4	103.7	102.7	101.7	102.7	103.5	104.0
67.5°	87.1	87.6	88.7	89.7	93.1	96.5	95.4	94.1	95.4	96.5	97.5
70°	79.0	79.6	80.9	81.9	85.3	88.7	87.4	86.1	87.4	88.7	89.7
72.5°	70.2	70.7	72.0	73.1	77.0	80.9	79.3	77.7	79.3	80.9	81.4
75°	60.6	61.1	62.7	64.0	67.9	71.8	70.5	68.9	70.2	71.5	71.8
77.5°	50.2	51.0	53.0	55.1	58.2	61.4	60.6	59.8	60.6	61.4	61.4
80°	39.3	40.0	42.6	45.0	46.8	48.6	48.9	49.1	49.4	49.7	49.4
82.5°	29.1	30.2	32.5	34.8	34.8	34.8	36.9	38.7	38.7	38.5	38.2
85°	17.9	19.2	21.3	23.4	22.1	20.8	24.2	27.3	27.3	27.0	26.5
87.5°	3.6	4.9	7.0	8.8	7.5	6.2	9.6	13.0	13.3	13.3	12.7
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: P320615
 CATALOG NUMBER: GAN-SA1D-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: P320615
 CATALOG NUMBER: GAN-SA1D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2
2.5°	1661.6	1681.9	1701.9	1707.1	1714.9	1718.3	1721.4	1746.9	1772.1	1801.8	1831.4
5°	1330.9	1346.0	1361.1	1363.4	1371.5	1375.6	1379.8	1410.7	1441.4	1482.8	1524.1
7.5°	1003.1	1006.7	1010.4	1009.8	1016.6	1025.7	1034.5	1067.6	1100.3	1144.8	1189.0
10°	759.7	768.0	776.1	783.6	798.5	815.6	832.5	866.3	900.1	944.1	987.7
12.5°	601.9	611.5	620.9	629.2	646.4	669.2	691.9	732.4	773.0	825.5	877.8
15°	491.4	490.6	489.8	495.6	510.6	535.6	560.3	603.2	646.1	703.8	761.3
17.5°	387.7	383.8	379.9	384.3	398.3	418.9	439.1	475.5	511.7	567.6	623.5
20°	313.6	311.0	308.4	312.5	321.4	329.9	338.5	364.8	390.8	436.3	481.5
22.5°	275.9	275.6	275.1	277.4	281.6	286.0	290.2	302.9	315.4	344.8	373.9
25°	253.8	253.5	253.2	254.3	257.7	261.0	264.4	272.7	281.1	295.1	309.1
27.5°	236.1	235.6	235.0	235.3	236.1	241.3	246.2	250.1	253.8	263.4	272.7
30°	221.8	221.5	221.3	221.3	220.5	222.3	224.1	230.1	235.8	245.7	255.6
32.5°	209.6	208.3	207.0	204.1	202.3	204.9	207.5	213.7	220.0	229.1	238.2
35°	194.2	190.8	187.2	185.6	185.9	188.5	191.1	197.3	203.3	213.2	222.8
37.5°	177.6	176.5	175.2	175.0	175.8	178.4	181.0	186.4	191.6	201.5	211.1
40°	168.2	167.7	167.2	166.7	167.2	169.8	172.4	177.6	182.5	192.1	201.5
42.5°	159.9	159.6	159.4	159.4	159.6	162.5	165.4	170.6	175.5	184.1	192.7
45°	151.8	152.1	152.1	152.6	153.4	156.3	158.9	164.6	170.3	178.6	186.9
47.5°	144.3	145.1	145.6	146.9	147.7	150.8	153.7	159.9	166.1	176.5	186.7
50°	137.8	138.6	139.1	140.1	142.2	145.9	149.5	157.0	164.3	181.7	198.9
52.5°	131.8	132.6	133.4	134.4	137.0	141.2	145.3	154.7	163.8	184.1	204.4
55°	126.4	127.1	127.7	129.2	131.8	135.5	138.8	150.3	161.7	176.5	191.4
57.5°	121.2	121.9	122.5	123.5	124.8	128.7	132.3	144.6	156.8	167.2	177.3
60°	115.7	116.2	116.5	116.5	117.5	121.9	126.4	142.0	157.3	155.5	153.4
62.5°	109.7	110.2	110.5	109.7	111.0	115.7	120.4	140.7	160.9	148.5	136.0
65°	104.3	104.0	103.7	103.0	104.5	109.2	113.6	123.8	133.9	129.0	124.0
67.5°	98.3	97.5	96.7	95.7	97.2	101.4	105.3	108.7	112.1	112.6	113.1
70°	90.7	89.7	88.7	88.4	89.2	92.6	95.9	98.3	100.4	101.4	102.2
72.5°	81.9	81.1	80.3	79.8	80.1	82.9	85.5	87.6	89.7	90.5	91.0
75°	72.0	72.0	71.8	70.2	70.2	72.5	74.6	76.4	78.3	79.3	80.3
77.5°	61.4	61.6	61.6	59.5	59.3	61.6	63.7	65.3	66.6	67.6	68.4
80°	49.1	48.6	48.1	46.8	46.3	49.1	51.7	53.0	54.1	54.3	54.3
82.5°	37.7	36.7	35.4	32.5	32.8	35.9	38.7	39.8	40.8	40.8	40.8
85°	25.7	23.7	21.3	19.0	19.2	22.6	25.7	26.8	27.8	28.3	28.6
87.5°	12.2	10.1	7.8	6.0	6.0	8.8	11.4	12.0	12.5	13.5	14.6
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: P320615
 CATALOG NUMBER: GAN-SA1D-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: P320615
 CATALOG NUMBER: GAN-SA1D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2
2.5°	1854.0	1876.4	1899.5	1922.7	1949.2	1975.7	2006.7	2037.3	2063.6	2089.9	2111.7
5°	1559.7	1595.3	1637.2	1679.1	1732.4	1785.7	1850.9	1915.9	1973.9	2031.9	2099.2
7.5°	1235.5	1281.8	1336.4	1391.0	1459.9	1528.8	1613.3	1697.8	1779.7	1861.3	1964.8
10°	1036.4	1085.0	1138.8	1192.4	1262.5	1332.5	1421.9	1511.1	1603.1	1694.9	1811.9
12.5°	931.8	985.7	1033.0	1080.3	1137.2	1193.9	1280.5	1367.1	1475.2	1583.1	1695.7
15°	820.3	879.1	935.7	992.4	1054.6	1116.4	1200.7	1284.9	1403.2	1521.5	1651.0
17.5°	685.4	747.2	816.4	885.3	966.4	1047.3	1155.2	1263.1	1403.2	1543.1	1695.7
20°	544.7	607.9	690.6	773.2	874.1	974.7	1114.6	1254.5	1443.2	1631.7	1826.5
22.5°	429.8	485.4	575.6	665.6	782.1	898.6	1078.0	1257.1	1503.8	1750.3	2013.2
25°	348.4	387.7	476.3	564.7	699.1	833.6	1055.6	1277.4	1592.0	1906.3	2232.3
27.5°	298.5	324.2	406.9	489.3	636.2	782.9	1046.5	1309.9	1703.8	2097.7	2470.8
30°	273.5	291.5	361.4	431.1	580.3	729.6	1035.6	1341.6	1811.4	2281.0	2657.2
32.5°	252.7	267.0	326.8	386.4	532.0	677.6	1014.5	1351.2	1886.5	2421.9	2815.0
35°	235.0	247.0	299.0	351.0	494.0	637.0	979.2	1321.3	1933.6	2545.9	2979.3
37.5°	220.7	230.1	278.2	326.3	461.2	596.2	938.9	1281.5	1975.5	2669.4	3164.2
40°	209.6	217.6	262.6	307.6	430.0	552.5	904.3	1255.8	2033.2	2810.6	3359.4
42.5°	203.3	213.7	249.1	284.2	400.4	516.6	876.5	1236.3	2086.7	2936.9	3530.3
45°	201.8	216.6	242.1	267.5	378.3	489.1	851.8	1214.2	2121.3	3028.5	3659.0
47.5°	199.2	211.4	236.6	261.8	367.4	472.7	838.5	1204.1	2155.9	3107.5	3765.8
50°	200.7	202.3	232.2	261.8	365.8	469.8	853.6	1237.3	2230.8	3224.0	3888.0
52.5°	197.9	191.1	223.9	256.6	365.6	474.5	897.0	1319.5	2369.9	3420.0	4020.3
55°	182.8	173.9	208.3	242.6	360.1	477.4	948.7	1419.8	2556.6	3693.0	4258.2
57.5°	169.5	161.5	190.6	219.4	343.5	467.5	1002.0	1536.3	2753.9	3971.2	4526.3
60°	151.8	150.0	170.8	191.6	317.7	443.6	1046.0	1648.1	2886.5	4124.6	4629.5
62.5°	137.3	138.3	153.7	169.0	285.5	401.7	1060.5	1719.1	2882.9	4046.6	4525.5
65°	126.1	127.9	143.0	158.1	257.9	357.8	1012.7	1667.4	2737.0	3806.4	4319.9
67.5°	115.2	117.3	135.2	152.9	233.5	313.8	893.1	1472.1	2474.7	3477.0	4058.3
70°	104.8	107.4	126.9	146.4	215.8	285.0	738.9	1192.9	2146.3	3099.4	3755.4
72.5°	93.6	96.2	117.0	137.8	204.6	271.2	602.4	933.4	1741.7	2549.8	3212.3
75°	82.2	84.0	106.6	129.0	189.3	249.6	472.7	695.5	1333.0	1970.5	2426.3
77.5°	70.7	73.1	92.0	110.8	160.7	210.3	356.2	502.1	978.1	1453.9	1687.4
80°	56.4	58.5	72.0	85.3	124.0	162.5	244.9	327.3	673.1	1018.9	1150.5
82.5°	43.2	45.5	54.6	63.4	88.4	113.4	148.5	183.6	447.2	710.6	721.5
85°	29.6	30.4	36.9	43.2	54.6	66.0	85.0	104.0	295.9	487.8	406.4
87.5°	14.8	14.8	19.2	23.7	29.4	35.1	45.0	54.6	94.6	134.7	77.5
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: P320615
 CATALOG NUMBER: GAN-SA1D-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: P320615

CATALOG NUMBER: GAN-SA1D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2
2.5°	2139.5	2158.5	2177.7	2192.3	2207.1	2228.4	2249.8	2253.7	2257.8	2249.5	2241.2
5°	2167.1	2224.5	2282.3	2335.6	2388.9	2420.8	2452.8	2459.3	2465.8	2445.8	2425.5
7.5°	2064.9	2165.0	2265.1	2356.9	2448.7	2504.3	2560.2	2572.7	2585.4	2552.7	2519.9
10°	1928.4	2051.4	2174.4	2295.3	2416.2	2497.0	2577.9	2594.0	2610.1	2569.3	2528.5
12.5°	1822.8	1954.1	2085.4	2212.8	2340.5	2424.2	2507.9	2528.0	2548.0	2518.3	2488.4
15°	1790.3	1913.8	2037.3	2148.4	2259.6	2328.0	2396.7	2404.7	2413.0	2408.4	2403.7
17.5°	1849.4	1960.9	2072.7	2133.0	2193.6	2220.9	2248.5	2257.3	2266.4	2278.1	2290.1
20°	1992.4	2070.9	2149.7	2147.1	2144.2	2130.9	2117.4	2115.1	2112.7	2146.3	2180.1
22.5°	2205.8	2237.0	2268.5	2195.4	2122.4	2077.9	2033.2	2024.3	2015.2	2050.9	2086.7
25°	2437.5	2431.8	2425.8	2286.7	2147.3	2062.6	1977.8	1967.9	1958.0	1988.5	2019.1
27.5°	2666.8	2629.4	2591.9	2402.9	2213.9	2090.9	1967.9	1958.0	1948.2	1975.2	2002.2
30°	2835.0	2775.0	2714.9	2500.9	2286.9	2140.8	1994.7	1978.6	1962.2	1995.5	2028.8
32.5°	2966.3	2885.7	2805.1	2580.5	2355.8	2197.8	2039.7	2014.5	1989.2	2033.7	2078.2
35°	3097.4	2984.0	2870.4	2651.5	2432.3	2265.1	2097.7	2066.7	2035.8	2096.9	2158.0
37.5°	3262.2	3099.4	2936.4	2731.3	2526.1	2366.0	2205.6	2173.8	2142.1	2219.9	2297.9
40°	3441.1	3224.0	3006.9	2818.6	2630.4	2505.6	2380.5	2350.4	2320.0	2414.6	2509.2
42.5°	3589.8	3339.9	3090.1	2923.9	2757.5	2669.7	2581.5	2581.3	2580.7	2676.7	2772.6
45°	3710.7	3436.7	3162.4	3026.6	2890.7	2844.9	2799.1	2835.8	2872.5	2959.0	3045.9
47.5°	3800.9	3517.8	3234.4	3144.2	3053.9	3060.7	3067.5	3142.1	3216.7	3272.3	3328.2
50°	3859.7	3591.4	3322.8	3295.0	3267.1	3327.7	3388.6	3474.1	3559.9	3597.9	3635.8
52.5°	3945.2	3691.2	3436.9	3468.1	3499.3	3623.1	3746.8	3833.4	3920.0	3934.0	3948.3
55°	4143.1	3874.7	3606.2	3666.0	3726.0	3907.5	4089.2	4156.8	4224.4	4229.6	4234.8
57.5°	4424.1	4131.9	3839.6	3904.1	3968.6	4178.2	4388.0	4460.8	4533.8	4523.7	4513.3
60°	4634.5	4376.0	4117.3	4182.3	4247.3	4451.7	4656.0	4739.8	4823.7	4801.4	4779.0
62.5°	4647.5	4509.4	4371.1	4429.8	4488.9	4689.1	4889.3	4975.3	5061.4	5022.4	4983.4
65°	4440.8	4502.6	4564.5	4584.0	4603.5	4790.2	4977.1	5042.9	5109.0	5089.2	5069.4
67.5°	4156.1	4384.1	4612.4	4573.1	4533.8	4621.5	4709.1	4776.9	4844.8	4833.6	4822.2
70°	3871.9	4176.3	4480.8	4287.9	4094.7	4058.6	4022.4	4095.5	4168.8	4123.6	4078.1
72.5°	3388.0	3712.5	4037.2	3681.8	3326.4	3202.9	3079.4	3172.2	3265.1	3193.0	3120.8
75°	2659.5	3018.1	3376.9	2952.8	2528.7	2363.9	2199.1	2278.9	2358.7	2309.3	2259.6
77.5°	1979.9	2333.2	2686.6	2255.5	1824.1	1701.7	1579.0	1602.6	1626.5	1618.2	1609.6
80°	1342.9	1589.1	1835.6	1548.5	1261.5	1270.9	1280.5	1269.3	1257.9	1274.5	1291.1
82.5°	857.0	1047.0	1237.3	1085.0	932.6	1020.0	1107.3	1064.4	1021.3	1037.1	1053.3
85°	489.1	675.0	861.1	802.6	743.9	794.8	846.0	779.5	712.9	742.0	771.4
87.5°	129.0	373.4	618.0	561.1	504.1	438.1	372.1	283.9	195.8	286.0	376.2
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



REPORT NUMBER: P320615
 CATALOG NUMBER: GAN-SA1D-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: P320615

CATALOG NUMBER: GAN-SA1D-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2	1981.2
2.5°	2236.8	2232.3	2216.5	2200.4	2176.4	2156.7	2122.4
5°	2397.4	2369.4	2321.0	2272.4	2218.3	2156.2	2087.3
7.5°	2454.4	2388.6	2295.8	2202.7	2119.0	2020.7	1929.2
10°	2430.2	2331.7	2211.0	2090.1	1988.5	1875.4	1773.7
12.5°	2383.9	2279.1	2146.3	2013.2	1897.5	1776.0	1662.2
15°	2320.2	2236.5	2112.0	1987.4	1870.9	1752.9	1618.0
17.5°	2250.5	2210.8	2120.8	2030.6	1929.7	1815.3	1657.0
20°	2194.4	2208.9	2173.1	2137.2	2056.3	1956.5	1778.6
22.5°	2156.4	2226.4	2253.9	2281.7	2233.1	2155.1	1949.5
25°	2135.1	2251.1	2343.4	2435.9	2414.3	2354.3	2156.9
27.5°	2144.5	2286.7	2429.9	2573.5	2593.5	2576.8	2375.6
30°	2172.5	2316.6	2491.0	2665.8	2745.6	2767.9	2557.9
32.5°	2219.3	2360.5	2550.6	2740.9	2861.5	2932.8	2724.5
35°	2290.1	2422.1	2620.3	2818.4	2974.4	3104.4	2896.6
37.5°	2411.5	2525.1	2707.9	2890.9	3093.2	3288.5	3086.2
40°	2589.3	2669.7	2824.1	2978.8	3233.3	3497.0	3297.6
42.5°	2813.7	2855.0	2977.5	3100.0	3379.7	3686.3	3504.3
45°	3056.8	3067.7	3144.7	3221.9	3495.7	3815.2	3659.5
47.5°	3290.8	3253.4	3284.0	3314.7	3584.6	3907.2	3777.2
50°	3531.6	3427.3	3411.2	3395.1	3673.5	4015.7	3927.0
52.5°	3776.5	3604.6	3540.9	3477.0	3779.6	4159.4	4113.4
55°	4016.2	3797.5	3711.7	3625.9	3941.8	4334.9	4387.2
57.5°	4265.5	4017.7	3938.2	3858.6	4180.2	4557.2	4632.9
60°	4533.8	4288.4	4224.7	4160.7	4476.6	4797.5	4742.4
62.5°	4788.4	4593.4	4559.8	4526.0	4776.4	4982.1	4699.7
65°	4958.4	4847.1	4878.3	4909.8	5003.1	5028.1	4574.9
67.5°	4844.8	4867.4	4999.2	5131.3	5067.1	4891.3	4329.0
70°	4213.5	4349.2	4661.5	4974.0	4831.5	4525.0	3887.5
72.5°	3273.1	3425.7	3889.3	4353.1	4221.8	3846.4	3193.0
75°	2431.8	2604.1	3115.8	3627.5	3445.2	2877.1	2286.2
77.5°	1725.1	1840.5	2345.7	2851.1	2554.0	1915.1	1538.4
80°	1255.8	1220.4	1502.0	1783.6	1734.2	1266.7	988.0
82.5°	966.9	880.6	1013.2	1145.8	1138.5	879.1	724.9
85°	736.8	702.3	819.5	936.8	836.4	595.4	460.7
87.5°	429.5	483.1	621.1	759.5	569.9	180.7	89.4
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: P320615
 CATALOG NUMBER: GAN-SA1D-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)