

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: P320782

Luminaire Tested: **GAN-SA8D-827-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320782
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-SA8D-827-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 CRI, 2700K, 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: 40174 lumens
Efficiency: N/A
Efficacy: 78.6 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): 511
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



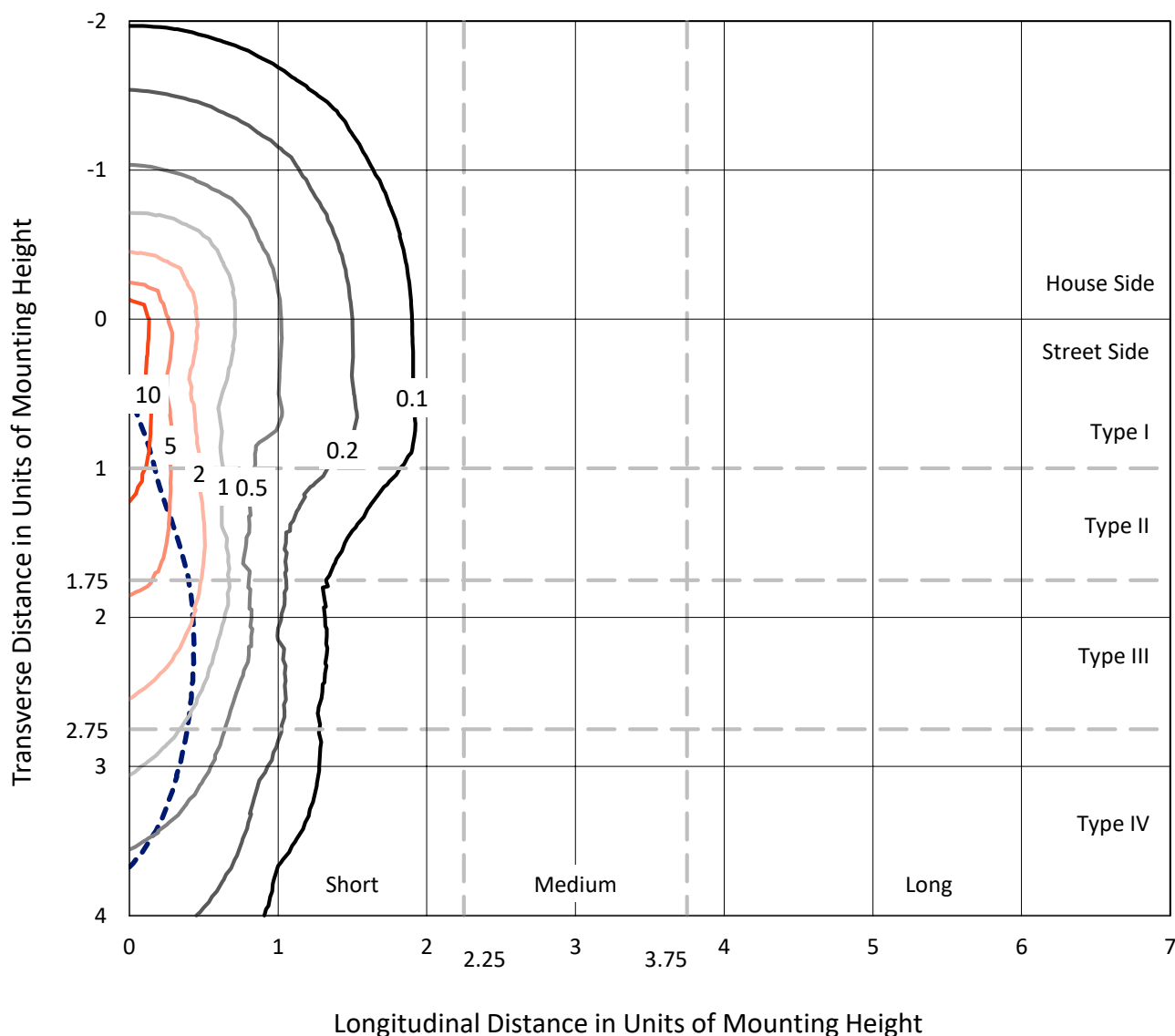
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

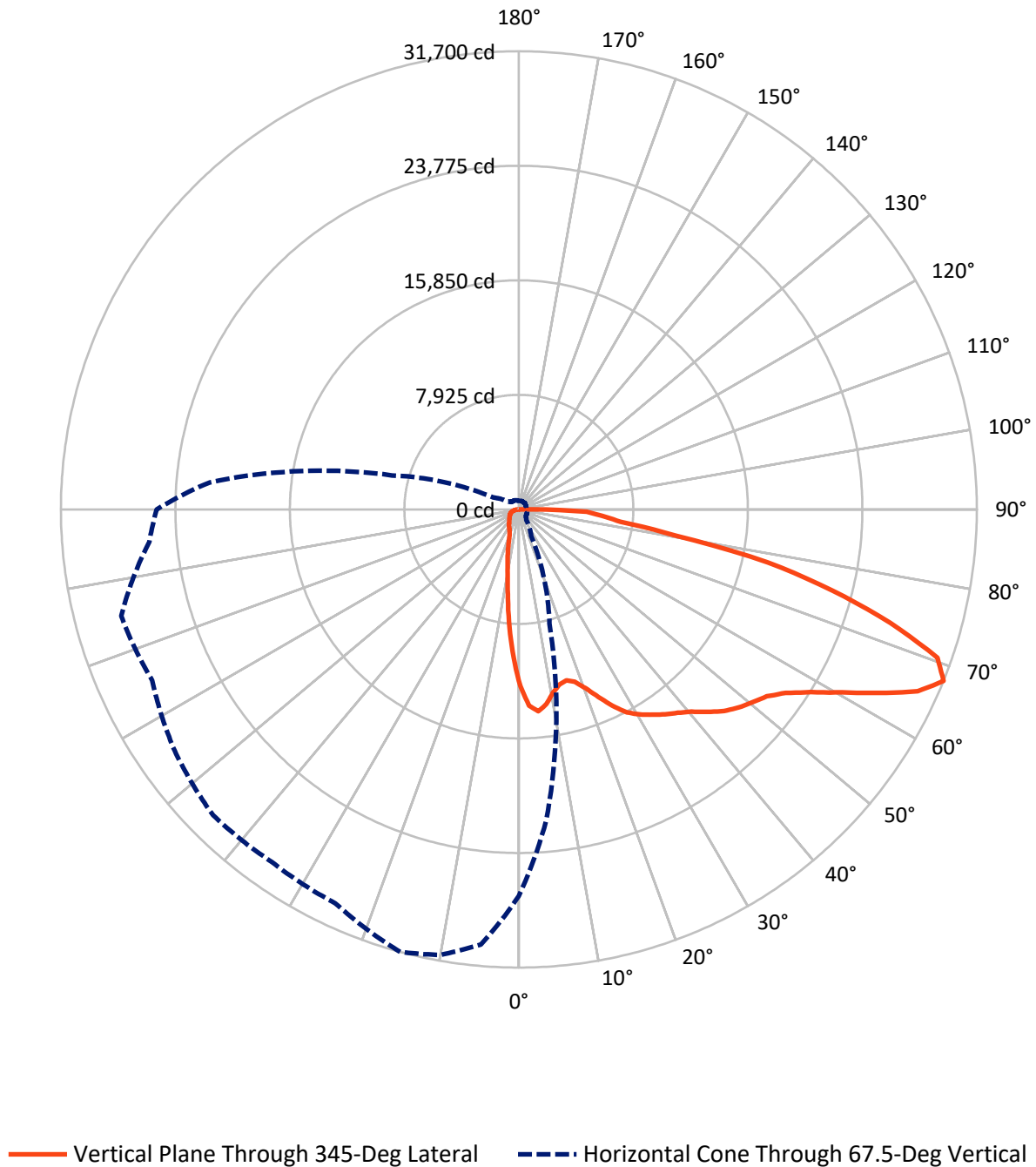
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.6 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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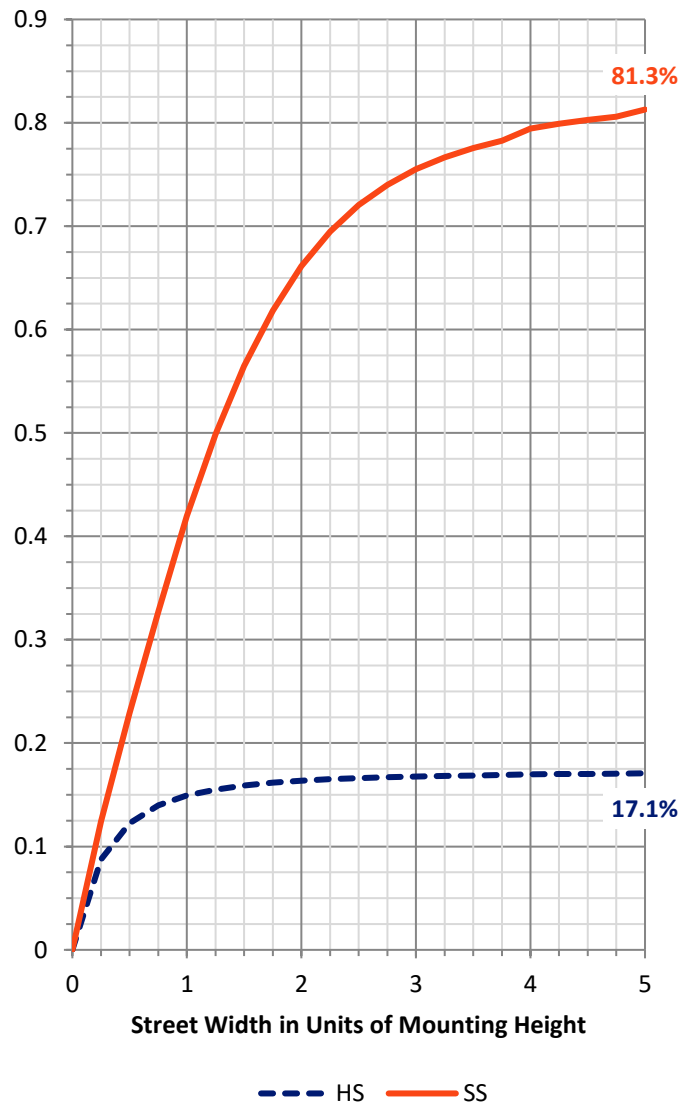
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6945.2	0.0	6945.2
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	33228.8	0.0	33228.8
	% Fixture	82.7	0.0	82.7
Total	Lumens	40174.0	0.0	40174.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	944.6	2.4
10°-20°	1962.3	4.9
20°-30°	2790.8	6.9
30°-40°	4021.6	10.0
40°-50°	5667.5	14.1
50°-60°	7878.8	19.6
60°-70°	9527.8	23.7
70°-80°	5856.6	14.6
80°-90°	1523.9	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°	40174.0	100.0
0°-180°	40174.0	100.0

Coefficient of Utilization



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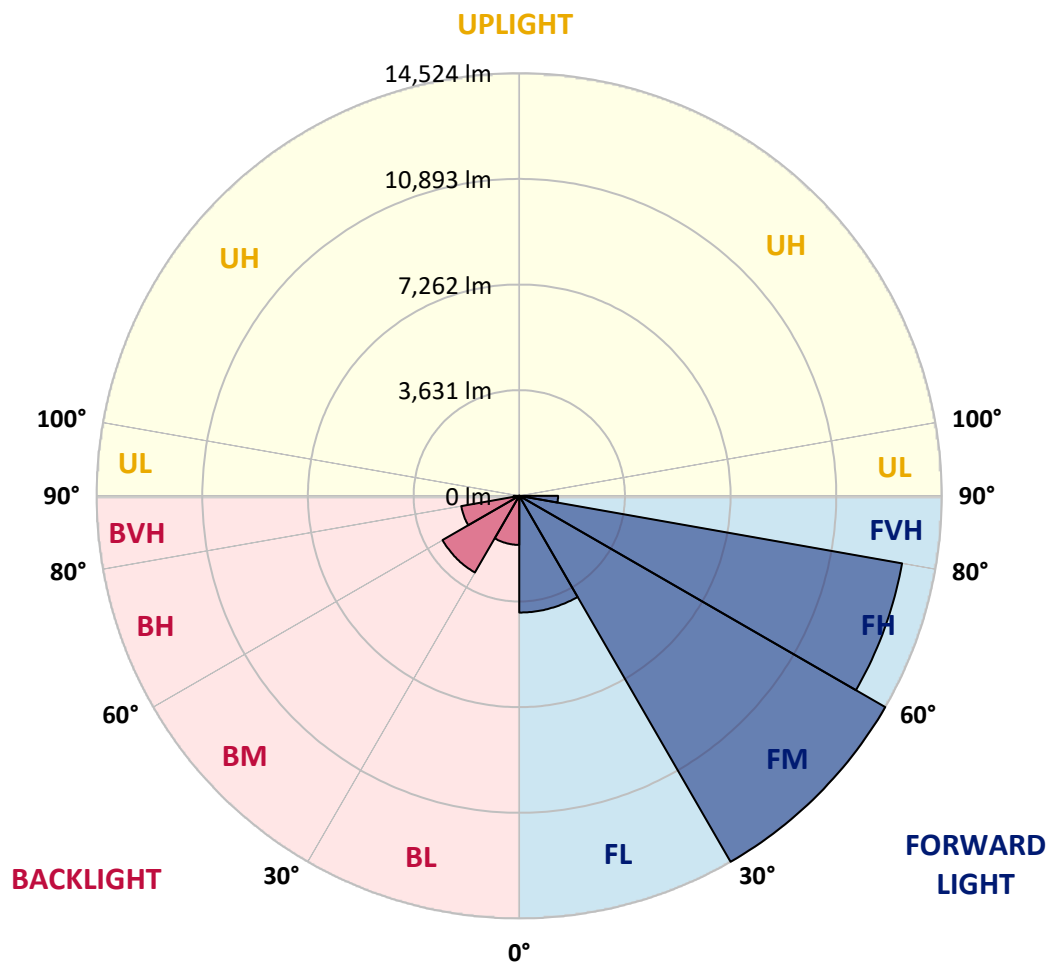
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4011.5	10.0			
FM	(30°-60°)	14523.9	36.2			
FH	(60°-80°)	13360.5	33.3			G5
FVH	(80°-90°)	1332.9	3.3			G5
BL	(0°-30°)	1686.2	4.2	B3/2500		
BM	(30°-60°)	3044.0	7.6	B3/5000		
BH	(60°-80°)	2024.0	5.0	B3/2500		G3/2500
BVH	(80°-90°)	191.0	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°	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3
2.5°	13111.5	12995.8	12820.7	12645.7	12515.6	12383.8	12234.5	12085.1	11914.8	11743.0	11641.8
5°	12894.6	12573.4	12155.8	11738.2	11461.9	11185.6	10872.4	10559.2	10249.2	9939.2	9772.2
7.5°	11918.0	11436.2	10893.3	10350.4	9948.8	9545.7	9112.0	8676.7	8291.2	7904.1	7664.8
10°	10957.5	10379.3	9756.1	9131.3	8617.3	8103.3	7668.0	7231.1	6940.4	6649.7	6429.6
12.5°	10268.5	9627.6	8941.7	8254.3	7740.3	7226.3	6950.1	6673.8	6432.9	6191.9	5938.1
15°	9995.4	9271.0	8569.1	7865.6	7398.2	6930.8	6624.0	6315.6	5992.8	5668.3	5356.7
17.5°	10236.3	9388.3	8625.3	7862.4	7250.4	6638.4	6209.6	5779.1	5353.5	4927.8	4566.4
20°	10988.1	9905.5	8908.0	7909.0	7094.6	6280.3	5705.2	5128.6	4582.5	4036.4	3626.8
22.5°	12043.3	10610.6	9308.0	8005.3	6953.3	5899.6	5178.4	4455.6	3809.9	3164.2	2762.7
25°	13325.1	11545.4	9884.6	8222.2	6895.4	5567.1	4680.5	3793.9	3112.8	2430.2	2144.3
27.5°	14675.9	12660.1	10601.0	8540.2	6905.1	5270.0	4261.3	3251.0	2637.4	2023.8	1827.9
30°	15801.9	13933.8	11436.2	8936.9	6942.0	4947.1	3866.1	2785.2	2279.2	1773.3	1646.4
32.5°	16831.4	14822.1	12065.8	9308.0	6983.8	4658.0	3561.0	2462.3	2049.5	1635.1	1530.7
35°	17894.7	15610.7	12505.9	9399.5	6911.5	4421.9	3352.2	2282.4	1901.7	1519.5	1431.1
37.5°	19065.7	16463.6	12930.0	9394.7	6789.4	4184.2	3189.9	2194.1	1805.4	1415.1	1350.8
40°	20371.5	17406.5	13389.3	9372.2	6678.6	3983.4	3069.5	2153.9	1752.4	1349.2	1294.6
42.5°	21648.4	18305.9	13816.6	9327.2	6588.7	3848.5	2950.6	2052.7	1704.2	1354.0	1276.9
45°	22607.3	19091.4	14187.6	9282.3	6521.2	3760.1	2857.4	1954.8	1659.2	1363.7	1265.7
47.5°	23335.0	19880.0	14598.8	9316.0	6514.8	3713.5	2791.6	1869.6	1574.1	1276.9	1236.8
50°	24260.1	20827.7	15197.9	9568.2	6603.1	3638.1	2714.5	1789.3	1492.2	1195.0	1249.6
52.5°	25411.8	22180.1	16126.3	10070.9	6787.8	3504.7	2592.4	1680.1	1392.6	1103.5	1188.6
55°	27103.1	23913.2	17313.3	10711.8	7011.1	3308.8	2407.7	1505.0	1260.9	1015.1	1090.6
57.5°	28621.0	25664.0	18452.1	11238.6	7150.8	3061.4	2174.8	1288.2	1113.1	938.0	981.4
60°	29297.2	26566.6	18985.4	11402.5	7067.3	2732.2	1913.0	1092.2	983.0	873.8	865.7
62.5°	29033.8	25993.2	18460.1	10927.0	6659.3	2391.6	1681.7	971.8	889.8	806.3	788.6
65°	28262.8	24191.1	16988.8	9786.6	5970.3	2153.9	1535.5	917.1	825.6	734.0	714.8
67.5°	26743.3	21626.0	14904.0	8182.0	5094.9	2007.8	1452.0	896.3	785.4	673.0	650.5
70°	24016.0	18538.8	12502.7	6465.0	4192.2	1917.8	1397.4	877.0	742.1	605.5	584.7
72.5°	19725.8	14863.8	9984.2	5102.9	3504.7	1906.6	1391.0	875.4	706.7	538.1	518.8
75°	14123.4	11290.0	7621.4	3951.3	2870.3	1789.3	1320.3	851.3	658.5	464.2	446.5
77.5°	9503.9	7814.2	5297.3	2778.7	2129.8	1480.9	1109.9	738.9	563.8	388.7	371.0
80°	6103.6	5408.1	3549.7	1691.3	1381.3	1071.3	793.5	515.6	411.2	305.2	290.7
82.5°	4478.1	4025.2	2467.1	909.1	767.8	624.8	485.1	345.3	281.1	216.8	210.4
85°	2846.2	3138.5	1816.6	494.7	404.8	314.8	260.2	205.6	162.2	118.9	118.9
87.5°	552.5	764.6	502.7	239.3	175.1	110.8	94.8	77.1	43.4	8.0	9.6
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°	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3
2.5°	11539.0	11428.2	11317.3	11192.0	11065.2	10947.9	10829.0	10698.9	10723.0	10623.4	10523.9
5°	9605.1	9428.4	9250.1	9095.9	8941.7	8808.4	8673.5	8553.0	8657.4	8586.8	8516.1
7.5°	7423.9	7205.4	6985.4	6800.7	6616.0	6473.0	6328.5	6228.9	6331.7	6318.8	6306.0
10°	6209.6	5997.6	5783.9	5580.0	5376.0	5202.5	5027.4	4879.7	4854.0	4780.1	4704.6
12.5°	5682.8	5392.0	5099.7	4886.1	4672.5	4465.3	4258.1	4084.6	4005.9	3883.8	3760.1
15°	5045.1	4701.4	4357.6	4115.1	3871.0	3670.2	3467.8	3318.4	3268.6	3173.9	3079.1
17.5°	4205.0	3829.2	3453.3	3207.6	2960.2	2799.6	2637.4	2537.8	2537.8	2510.5	2483.2
20°	3217.2	2881.5	2545.8	2357.9	2170.0	2084.9	1998.1	1956.4	1969.2	1970.8	1970.8
22.5°	2359.5	2153.9	1948.3	1872.8	1795.7	1765.2	1734.7	1717.0	1723.5	1725.1	1726.7
25°	1858.4	1779.7	1699.4	1660.8	1620.7	1601.4	1582.1	1575.7	1590.1	1591.7	1591.7
27.5°	1631.9	1583.7	1533.9	1509.8	1484.1	1476.1	1468.1	1456.8	1471.3	1471.3	1469.7
30°	1517.9	1466.5	1415.1	1384.5	1354.0	1357.2	1358.9	1355.6	1365.3	1371.7	1376.5
32.5°	1424.7	1374.9	1325.1	1294.6	1262.5	1257.7	1252.8	1249.6	1270.5	1281.8	1293.0
35°	1341.2	1286.6	1232.0	1203.0	1174.1	1162.9	1151.6	1143.6	1162.9	1177.3	1191.8
37.5°	1285.0	1228.7	1170.9	1143.6	1114.7	1100.3	1085.8	1076.2	1084.2	1090.6	1097.0
40°	1240.0	1182.2	1122.7	1090.6	1058.5	1044.0	1029.6	1021.5	1026.4	1028.0	1029.6
42.5°	1198.2	1142.0	1085.8	1050.5	1013.5	995.8	978.2	968.5	971.8	975.0	976.6
45°	1167.7	1111.5	1053.7	1011.9	968.5	949.3	930.0	918.7	920.4	920.4	920.4
47.5°	1196.6	1114.7	1031.2	983.0	933.2	910.7	888.2	877.0	873.8	870.6	867.4
50°	1302.6	1162.9	1021.5	960.5	897.9	873.8	848.1	835.2	827.2	824.0	820.8
52.5°	1272.1	1151.6	1029.6	950.9	870.6	841.7	812.7	791.9	783.8	779.0	774.2
55°	1164.5	1089.0	1011.9	917.1	822.4	796.7	769.4	754.9	740.5	737.2	734.0
57.5°	1023.2	992.6	962.1	865.7	769.4	745.3	719.6	709.9	697.1	697.1	695.5
60°	856.1	901.1	946.1	835.2	722.8	695.5	668.2	660.2	655.3	653.7	652.1
62.5°	769.4	843.3	915.5	798.3	679.4	650.5	621.6	612.0	610.4	612.0	612.0
65°	695.5	718.0	740.5	685.8	631.2	602.3	571.8	562.2	565.4	570.2	575.0
67.5°	628.0	623.2	618.4	599.1	578.2	554.1	528.4	518.8	520.4	526.8	533.3
70°	563.8	557.4	549.3	534.9	520.4	499.5	478.6	472.2	470.6	478.6	485.1
72.5°	499.5	491.5	481.9	470.6	457.8	440.1	422.4	417.6	419.2	424.0	428.9
75°	428.9	422.4	414.4	404.8	393.5	377.5	361.4	358.2	361.4	366.2	371.0
77.5°	351.8	350.2	346.9	338.9	330.9	313.2	293.9	292.3	297.1	302.0	305.2
80°	274.7	276.3	277.9	271.4	265.0	245.7	224.9	223.3	228.1	232.9	237.7
82.5°	202.4	207.2	210.4	202.4	194.4	171.9	149.4	146.2	162.2	167.0	171.9
85°	117.3	123.7	130.1	123.7	117.3	94.8	72.3	70.7	85.1	93.2	101.2
87.5°	9.6	12.8	16.1	14.5	12.8	6.4	0.0	0.0	1.6	8.0	14.5
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: P320782
 CATALOG NUMBER: GAN-SA8D-827-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: P320782

CATALOG NUMBER: GAN-SA8D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3
2.5°	10461.2	10398.6	10379.3	10360.0	10289.4	10217.1	10291.0	10363.2	10393.8	10424.3	10345.6
5°	8506.5	8495.2	8495.2	8493.6	8429.4	8363.5	8413.3	8461.5	8353.9	8246.3	8235.0
7.5°	6375.0	6444.1	6500.3	6554.9	6534.0	6513.2	6559.7	6606.3	6469.8	6331.7	6264.2
10°	4720.6	4735.1	4796.1	4857.2	4871.6	4884.5	4942.3	4998.5	4892.5	4786.5	4739.9
12.5°	3683.0	3605.9	3614.0	3620.4	3649.3	3676.6	3737.6	3797.1	3753.7	3708.7	3713.5
15°	2982.7	2884.7	2844.6	2802.8	2835.0	2867.1	2910.4	2952.2	2953.8	2953.8	2995.6
17.5°	2435.0	2385.2	2345.1	2303.3	2346.7	2388.4	2393.2	2398.1	2399.7	2401.3	2398.1
20°	1994.9	2019.0	2006.2	1993.3	2009.4	2023.8	2036.7	2047.9	2033.5	2017.4	1977.2
22.5°	1749.2	1770.0	1786.1	1800.6	1827.9	1853.6	1840.7	1826.3	1797.3	1766.8	1736.3
25°	1606.2	1620.7	1636.7	1652.8	1675.3	1696.2	1673.7	1651.2	1630.3	1609.4	1588.5
27.5°	1485.7	1500.2	1514.7	1527.5	1548.4	1567.7	1546.8	1525.9	1508.2	1490.6	1474.5
30°	1387.8	1397.4	1408.6	1419.9	1439.2	1456.8	1439.2	1419.9	1407.0	1392.6	1381.3
32.5°	1304.2	1313.9	1318.7	1323.5	1341.2	1358.9	1346.0	1333.2	1321.9	1310.7	1302.6
35°	1212.7	1232.0	1235.2	1238.4	1256.1	1273.7	1265.7	1256.1	1243.2	1230.4	1215.9
37.5°	1119.5	1142.0	1154.9	1166.1	1183.8	1201.4	1193.4	1185.4	1167.7	1150.0	1124.3
40°	1040.8	1050.5	1074.6	1097.0	1126.0	1153.3	1137.2	1119.5	1092.2	1064.9	1052.1
42.5°	975.0	973.4	995.8	1018.3	1061.7	1103.5	1074.6	1045.6	1019.9	994.2	991.0
45°	917.1	912.3	923.6	934.8	981.4	1026.4	997.5	966.9	952.5	938.0	938.0
47.5°	865.7	862.5	870.6	877.0	905.9	933.2	918.7	904.3	896.3	888.2	889.8
50°	819.2	816.0	824.0	830.4	841.7	851.3	854.5	856.1	851.3	846.5	849.7
52.5°	775.8	775.8	779.0	780.6	795.1	809.5	809.5	807.9	807.9	807.9	811.1
55°	738.9	742.1	742.1	742.1	764.6	785.4	779.0	772.6	774.2	774.2	777.4
57.5°	701.9	706.7	709.9	713.2	735.6	758.1	751.7	745.3	745.3	745.3	746.9
60°	660.2	666.6	673.0	679.4	701.9	724.4	718.0	709.9	711.5	713.2	714.8
62.5°	620.0	626.4	632.8	639.3	661.8	684.2	677.8	669.8	674.6	677.8	677.8
65°	581.4	586.3	592.7	599.1	620.0	640.9	634.5	628.0	634.5	639.3	642.5
67.5°	538.1	541.3	547.7	554.1	575.0	595.9	589.5	581.4	589.5	595.9	602.3
70°	488.3	491.5	499.5	506.0	526.8	547.7	539.7	531.7	539.7	547.7	554.1
72.5°	433.7	436.9	444.9	451.3	475.4	499.5	489.9	480.3	489.9	499.5	502.7
75°	374.2	377.5	387.1	395.1	419.2	443.3	435.3	425.6	433.7	441.7	443.3
77.5°	310.0	314.8	327.7	340.5	359.8	379.1	374.2	369.4	374.2	379.1	379.1
80°	242.5	247.4	263.4	277.9	289.1	300.4	302.0	303.6	305.2	306.8	305.2
82.5°	179.9	186.3	200.8	215.2	215.2	215.2	228.1	239.3	239.3	237.7	236.1
85°	110.8	118.9	131.7	144.6	136.5	128.5	149.4	168.7	168.7	167.0	163.8
87.5°	22.5	30.5	43.4	54.6	46.6	38.5	59.4	80.3	81.9	81.9	78.7
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: P320782
 CATALOG NUMBER: GAN-SA8D-827-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: P320782

CATALOG NUMBER: GAN-SA8D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3
2.5°	10265.3	10390.5	10514.2	10546.3	10594.5	10615.4	10634.7	10792.1	10947.9	11131.0	11314.1
5°	8222.2	8315.3	8408.5	8422.9	8472.7	8498.4	8524.1	8715.3	8904.8	9160.2	9415.6
7.5°	6196.7	6219.2	6241.7	6238.5	6280.3	6336.5	6391.1	6595.1	6797.5	7072.1	7345.2
10°	4693.3	4744.7	4794.5	4841.1	4932.7	5038.7	5143.1	5351.9	5560.7	5832.1	6102.0
12.5°	3718.4	3777.8	3835.6	3887.0	3993.0	4134.4	4274.1	4524.7	4775.2	5099.7	5422.6
15°	3035.7	3030.9	3026.1	3061.4	3154.6	3308.8	3461.4	3726.4	3991.4	4348.0	4703.0
17.5°	2394.9	2370.8	2346.7	2374.0	2460.7	2587.6	2712.9	2937.8	3161.0	3506.3	3851.7
20°	1937.1	1921.0	1905.0	1930.7	1985.3	2038.3	2091.3	2253.5	2414.1	2695.2	2974.7
22.5°	1704.2	1702.6	1699.4	1713.8	1739.5	1766.8	1792.5	1871.2	1948.3	2129.8	2309.7
25°	1567.7	1566.1	1564.4	1570.9	1591.7	1612.6	1633.5	1684.9	1736.3	1823.0	1909.8
27.5°	1458.4	1455.2	1452.0	1453.6	1458.4	1490.6	1521.1	1545.2	1567.7	1627.1	1684.9
30°	1370.1	1368.5	1366.9	1366.9	1362.1	1373.3	1384.5	1421.5	1456.8	1517.9	1578.9
32.5°	1294.6	1286.6	1278.5	1260.9	1249.6	1265.7	1281.8	1320.3	1358.9	1415.1	1471.3
35°	1199.8	1179.0	1156.5	1146.8	1148.4	1164.5	1180.6	1219.1	1256.1	1317.1	1376.5
37.5°	1097.0	1090.6	1082.6	1081.0	1085.8	1101.9	1117.9	1151.6	1183.8	1244.8	1304.2
40°	1039.2	1036.0	1032.8	1029.6	1032.8	1048.9	1064.9	1097.0	1127.6	1187.0	1244.8
42.5°	987.8	986.2	984.6	984.6	986.2	1003.9	1021.5	1053.7	1084.2	1137.2	1190.2
45°	938.0	939.6	939.6	942.8	947.7	965.3	981.4	1016.7	1052.1	1103.5	1154.9
47.5°	891.4	896.3	899.5	907.5	912.3	931.6	949.3	987.8	1026.4	1090.6	1153.3
50°	851.3	856.1	859.3	865.7	878.6	901.1	923.6	970.1	1015.1	1122.7	1228.7
52.5°	814.3	819.2	824.0	830.4	846.5	872.2	897.9	955.7	1011.9	1137.2	1262.5
55°	780.6	785.4	788.6	798.3	814.3	836.8	857.7	928.4	999.1	1090.6	1182.2
57.5°	748.5	753.3	756.5	762.9	771.0	795.1	817.6	893.1	968.5	1032.8	1095.4
60°	714.8	718.0	719.6	719.6	726.0	753.3	780.6	877.0	971.8	960.5	947.7
62.5°	677.8	681.0	682.6	677.8	685.8	714.8	743.7	869.0	994.2	917.1	840.0
65°	644.1	642.5	640.9	636.1	645.7	674.6	701.9	764.6	827.2	796.7	766.2
67.5°	607.1	602.3	597.5	591.1	600.7	626.4	650.5	671.4	692.3	695.5	698.7
70°	560.6	554.1	547.7	546.1	550.9	571.8	592.7	607.1	620.0	626.4	631.2
72.5°	506.0	501.1	496.3	493.1	494.7	512.4	528.4	541.3	554.1	559.0	562.2
75°	444.9	444.9	443.3	433.7	433.7	448.1	461.0	472.2	483.5	489.9	496.3
77.5°	379.1	380.7	380.7	367.8	366.2	380.7	393.5	403.2	411.2	417.6	422.4
80°	303.6	300.4	297.1	289.1	285.9	303.6	319.6	327.7	334.1	335.7	335.7
82.5°	232.9	226.5	218.4	200.8	202.4	221.7	239.3	245.7	252.2	252.2	252.2
85°	159.0	146.2	131.7	117.3	118.9	139.7	159.0	165.4	171.9	175.1	176.7
87.5°	75.5	62.6	48.2	36.9	36.9	54.6	70.7	73.9	77.1	83.5	89.9
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: P320782

CATALOG NUMBER: GAN-SA8D-827-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: P320782

CATALOG NUMBER: GAN-SA8D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3
2.5°	11453.9	11592.0	11734.9	11877.9	12041.7	12205.6	12396.7	12586.2	12748.5	12910.7	13045.6
5°	9635.6	9855.7	10114.3	10372.9	10702.1	11031.4	11434.6	11836.1	12194.3	12552.5	12968.5
7.5°	7632.7	7918.6	8255.9	8593.2	9018.8	9444.5	9966.5	10488.5	10994.5	11498.8	12138.1
10°	6402.3	6702.7	7035.2	7366.1	7799.7	8231.8	8784.3	9335.3	9903.9	10470.9	11193.6
12.5°	5756.6	6089.1	6381.5	6673.8	7025.5	7375.7	7910.6	8445.4	9113.6	9780.2	10475.7
15°	5067.6	5430.6	5780.7	6130.9	6514.8	6897.0	7417.5	7937.9	8668.7	9399.5	10199.4
17.5°	4234.0	4616.2	5043.5	5469.1	5970.3	6469.8	7136.4	7802.9	8668.7	9532.8	10475.7
20°	3365.0	3755.3	4266.1	4776.9	5400.1	6021.7	6885.8	7749.9	8916.0	10080.5	11283.6
22.5°	2655.1	2998.8	3556.1	4111.9	4831.5	5551.0	6659.3	7766.0	9290.3	10813.0	12436.9
25°	2152.3	2394.9	2942.6	3488.7	4319.1	5149.5	6521.2	7891.3	9834.8	11776.7	13790.9
27.5°	1843.9	2002.9	2513.7	3022.9	3930.4	4836.3	6465.0	8092.1	10525.5	12958.9	15263.8
30°	1689.7	1800.6	2232.6	2663.1	3585.1	4507.0	6397.5	8288.0	11190.4	14091.2	16415.4
32.5°	1561.2	1649.6	2019.0	2386.8	3286.3	4185.8	6267.4	8347.5	11654.6	14961.8	17390.4
35°	1452.0	1525.9	1847.1	2168.4	3051.8	3935.2	6049.0	8162.7	11945.4	15728.0	18405.5
37.5°	1363.7	1421.5	1718.6	2015.8	2849.4	3683.0	5800.0	7917.0	12204.0	16490.9	19547.5
40°	1294.6	1344.4	1622.3	1900.1	2656.7	3413.2	5586.4	7758.0	12560.5	17363.1	20753.8
42.5°	1256.1	1320.3	1538.7	1755.6	2473.6	3191.5	5414.5	7637.5	12891.4	18143.7	21809.1
45°	1246.4	1338.0	1495.4	1652.8	2337.0	3021.3	5261.9	7501.0	13105.0	18709.1	22604.1
47.5°	1230.4	1305.8	1461.6	1617.4	2269.6	2920.1	5180.0	7438.3	13318.7	19197.4	23264.3
50°	1240.0	1249.6	1434.3	1617.4	2259.9	2902.4	5273.2	7643.9	13781.2	19917.0	24019.2
52.5°	1222.3	1180.6	1382.9	1585.3	2258.3	2931.3	5541.4	8151.5	14640.6	21128.0	24836.8
55°	1129.2	1074.6	1286.6	1498.6	2224.6	2949.0	5861.0	8771.5	15793.8	22814.5	26306.4
57.5°	1047.2	997.5	1177.3	1355.6	2121.8	2888.0	6190.3	9491.1	17012.9	24533.2	27962.4
60°	938.0	926.8	1055.3	1183.8	1962.8	2740.2	6461.8	10181.7	17832.1	25480.8	28600.1
62.5°	848.1	854.5	949.3	1044.0	1763.6	2481.6	6551.7	10620.2	17809.6	24999.0	27957.6
65°	779.0	790.3	883.4	976.6	1593.4	2210.1	6256.2	10300.6	16908.5	23514.9	26687.1
67.5°	711.5	724.4	835.2	944.4	1442.4	1938.7	5517.3	9094.3	15287.9	21479.8	25071.3
70°	647.3	663.4	783.8	904.3	1333.2	1760.4	4564.8	7369.3	13259.2	19147.6	23200.0
72.5°	578.2	594.3	722.8	851.3	1264.1	1675.3	3721.6	5766.3	10760.0	15752.1	19844.7
75°	507.6	518.8	658.5	796.7	1169.3	1542.0	2920.1	4296.6	8235.0	12173.4	14989.1
77.5°	436.9	451.3	568.6	684.2	992.6	1299.4	2200.5	3101.6	6042.5	8981.9	10424.3
80°	348.5	361.4	444.9	526.8	766.2	1003.9	1513.0	2022.2	4158.5	6294.7	7107.5
82.5°	266.6	281.1	337.3	391.9	546.1	700.3	917.1	1134.0	2762.7	4389.8	4457.2
85°	183.1	187.9	228.1	266.6	337.3	408.0	525.2	642.5	1827.9	3013.2	2510.5
87.5°	91.6	91.6	118.9	146.2	181.5	216.8	277.9	337.3	584.7	832.0	478.6
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: P320782
 CATALOG NUMBER: GAN-SA8D-827-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: P320782

CATALOG NUMBER: GAN-SA8D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3
2.5°	13217.5	13334.7	13453.6	13543.5	13635.1	13766.8	13898.5	13922.6	13948.3	13896.9	13845.5
5°	13387.7	13742.7	14099.3	14428.5	14757.8	14955.4	15152.9	15193.1	15233.3	15109.6	14984.3
7.5°	12756.5	13374.9	13993.3	14560.3	15127.2	15471.0	15816.3	15893.4	15972.1	15769.7	15567.3
10°	11913.2	12673.0	13432.7	14179.6	14926.5	15426.0	15925.5	16025.1	16124.7	15872.5	15620.4
12.5°	11261.1	12072.2	12883.4	13670.4	14459.1	14976.3	15493.5	15617.1	15740.8	15557.7	15373.0
15°	11060.3	11823.3	12586.2	13272.1	13959.5	14382.0	14806.0	14855.8	14907.2	14878.3	14849.4
17.5°	11424.9	12114.0	12804.7	13177.3	13551.6	13720.2	13890.5	13945.1	14001.3	14073.6	14147.5
20°	12308.4	12793.4	13280.1	13264.0	13246.4	13164.5	13080.9	13066.5	13052.0	13259.2	13468.0
22.5°	13627.0	13819.8	14014.1	13562.8	13111.5	12836.8	12560.5	12505.9	12449.7	12669.8	12891.4
25°	15058.2	15022.8	14985.9	14126.6	13265.7	12742.0	12218.4	12157.4	12096.3	12284.3	12473.8
27.5°	16474.9	16243.6	16012.3	14844.6	13676.8	12917.1	12157.4	12096.3	12035.3	12202.3	12369.4
30°	17514.1	17143.0	16772.0	15450.1	14128.2	13225.5	12322.8	12223.2	12122.0	12327.6	12533.2
32.5°	18325.2	17827.3	17329.4	15941.6	14553.8	13577.3	12600.7	12444.9	12289.1	12563.7	12838.4
35°	19134.7	18434.4	17732.5	16380.1	15026.1	13993.3	12958.9	12767.7	12576.6	12954.0	13331.5
37.5°	20153.1	19147.6	18140.5	16873.2	15605.9	14616.5	13625.4	13429.5	13233.5	13713.8	14195.6
40°	21258.1	19917.0	18575.8	17412.9	16250.0	15479.0	14706.4	14520.1	14332.2	14916.8	15501.5
42.5°	22176.9	20633.3	19089.8	18063.4	17035.4	16492.5	15948.0	15946.4	15943.2	16535.9	17128.6
45°	22923.8	21230.8	19536.3	18697.8	17857.8	17575.1	17292.4	17518.9	17745.4	18280.2	18816.7
47.5°	23481.1	21732.0	19981.2	19423.8	18866.5	18908.3	18950.0	19411.0	19872.0	20215.7	20561.0
50°	23844.1	22186.5	20527.3	20355.4	20183.6	20557.8	20933.7	21462.1	21992.2	22226.7	22461.2
52.5°	24372.6	22803.3	21232.4	21425.2	21617.9	22382.5	23147.0	23681.9	24216.8	24303.5	24391.8
55°	25594.9	23937.3	22278.1	22647.5	23018.5	24139.7	25262.4	25680.0	26097.6	26129.8	26161.9
57.5°	27331.2	25525.8	23720.4	24118.8	24517.1	25811.7	27107.9	27557.7	28009.0	27946.4	27882.1
60°	28630.6	27034.0	25435.9	25837.4	26239.0	27501.5	28763.9	29281.1	29799.9	29661.8	29523.7
62.5°	28710.9	27858.0	27003.5	27366.5	27731.1	28967.9	30204.7	30736.4	31268.0	31027.1	30786.1
65°	27434.0	27816.3	28198.5	28319.0	28439.5	29592.7	30747.6	31154.0	31561.9	31439.9	31317.8
67.5°	25675.2	27083.8	28494.1	28251.6	28009.0	28550.3	29091.6	29510.8	29930.0	29861.0	29790.3
70°	23919.6	25800.5	27681.3	26489.5	25296.1	25072.9	24849.6	25301.0	25753.9	25474.4	25193.3
72.5°	20930.5	22935.0	24941.2	22745.5	20549.8	19786.8	19023.9	19597.3	20170.7	19725.8	19279.3
75°	16429.9	18644.8	20861.4	18241.7	15622.0	14603.6	13585.3	14078.4	14571.5	14266.3	13959.5
77.5°	12231.3	14414.1	16596.9	13933.8	11269.1	10512.6	9754.5	9900.7	10048.4	9997.0	9944.0
80°	8296.1	9817.1	11339.8	9566.6	7793.3	7851.1	7910.6	7841.5	7770.8	7873.6	7976.4
82.5°	5294.1	6468.2	7643.9	6702.7	5761.5	6301.1	6840.8	6575.8	6309.2	6407.2	6506.7
85°	3021.3	4169.7	5319.8	4958.4	4595.4	4910.2	5226.6	4815.4	4404.2	4584.1	4765.6
87.5°	796.7	2306.5	3818.0	3466.2	3114.4	2706.5	2298.5	1754.0	1209.5	1766.8	2324.2
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: P320782

CATALOG NUMBER: GAN-SA8D-827-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: P320782

CATALOG NUMBER: GAN-SA8D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3	12239.3
2.5°	13818.2	13790.9	13692.9	13593.3	13445.5	13323.5	13111.5
5°	14810.8	14637.4	14338.6	14038.2	13704.1	13320.3	12894.6
7.5°	15162.6	14756.2	14182.8	13607.8	13090.6	12483.4	11918.0
10°	15013.2	14404.5	13659.2	12912.3	12284.3	11585.6	10957.5
12.5°	14727.3	14080.0	13259.2	12436.9	11722.1	10972.0	10268.5
15°	14333.8	13816.6	13047.2	12277.8	11558.3	10829.0	9995.4
17.5°	13903.3	13657.6	13101.8	12544.5	11921.3	11214.5	10236.3
20°	13556.4	13646.3	13424.7	13203.0	12703.5	12086.7	10988.1
22.5°	13321.9	13753.9	13924.2	14096.1	13795.7	13313.8	12043.3
25°	13190.2	13906.5	14476.7	15048.5	14915.2	14544.2	13325.1
27.5°	13248.0	14126.6	15011.6	15898.2	16021.9	15919.1	14675.9
30°	13421.5	14311.3	15389.1	16468.4	16961.5	17099.7	15801.9
32.5°	13710.6	14582.7	15756.9	16932.6	17677.9	18118.0	16831.4
35°	14147.5	14963.4	16187.3	17411.3	18375.0	19178.1	17894.7
37.5°	14897.6	15599.5	16728.6	17859.4	19109.0	20315.3	19065.7
40°	15996.2	16492.5	17446.6	18402.3	19974.8	21603.5	20371.5
42.5°	17382.4	17637.7	18394.3	19150.8	20879.1	22772.8	21648.4
45°	18884.2	18951.6	19427.1	19904.1	21595.4	23569.5	22607.3
47.5°	20329.7	20098.5	20288.0	20477.5	22144.8	24138.1	23335.0
50°	21817.1	21173.0	21073.4	20973.8	22694.1	24807.8	24260.1
52.5°	23330.1	22268.4	21874.9	21479.8	23349.4	25696.1	25411.8
55°	24811.1	23460.2	22930.2	22400.1	24351.7	26780.3	27103.1
57.5°	26351.4	24820.7	24329.2	23837.7	25824.6	28153.6	28621.0
60°	28009.0	26492.8	26099.2	25704.1	27655.6	29637.7	29297.2
62.5°	29581.5	28376.8	28169.6	27960.8	29507.6	30778.1	29033.8
65°	30631.9	29944.5	30137.2	30331.6	30908.2	31062.4	28262.8
67.5°	29930.0	30069.8	30884.1	31700.1	31303.3	30217.5	26743.3
70°	26030.2	26868.6	28797.7	30728.3	29848.1	27954.4	24016.0
72.5°	20220.5	21163.4	24027.2	26892.7	26081.6	23762.2	19725.8
75°	15022.8	16087.8	19248.8	22409.8	21283.8	17774.3	14123.4
77.5°	10657.2	11370.3	14491.2	17613.7	15777.8	11831.3	9503.9
80°	7758.0	7539.5	9279.1	11018.6	10713.4	7825.4	6103.6
82.5°	5973.5	5440.2	6259.4	7078.5	7033.6	5430.6	4478.1
85°	4552.0	4338.4	5062.8	5787.2	5167.2	3678.2	2846.2
87.5°	2653.5	2984.3	3837.2	4691.7	3520.8	1116.3	552.5
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: P320782
 CATALOG NUMBER: GAN-SA8D-827-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)