

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: P383145

Luminaire Tested: **GAN-SA4D-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383145
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-SA4D-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3500K, 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: 25623.2 lumens
Efficiency: N/A
Efficacy: 99.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

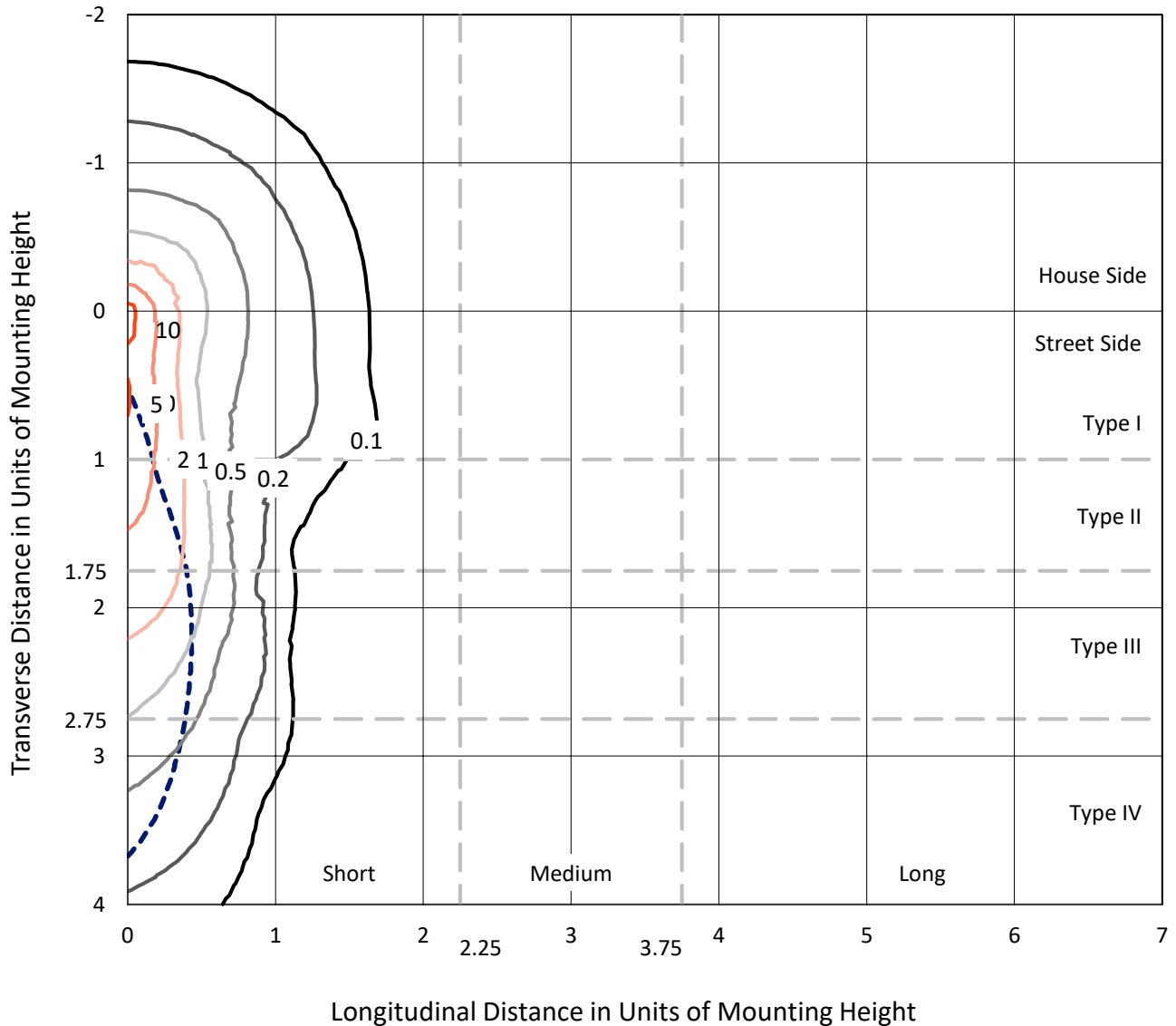
Input Watts (W): 258
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P383145
 CATALOG NUMBER: GAN-SA4D-735-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

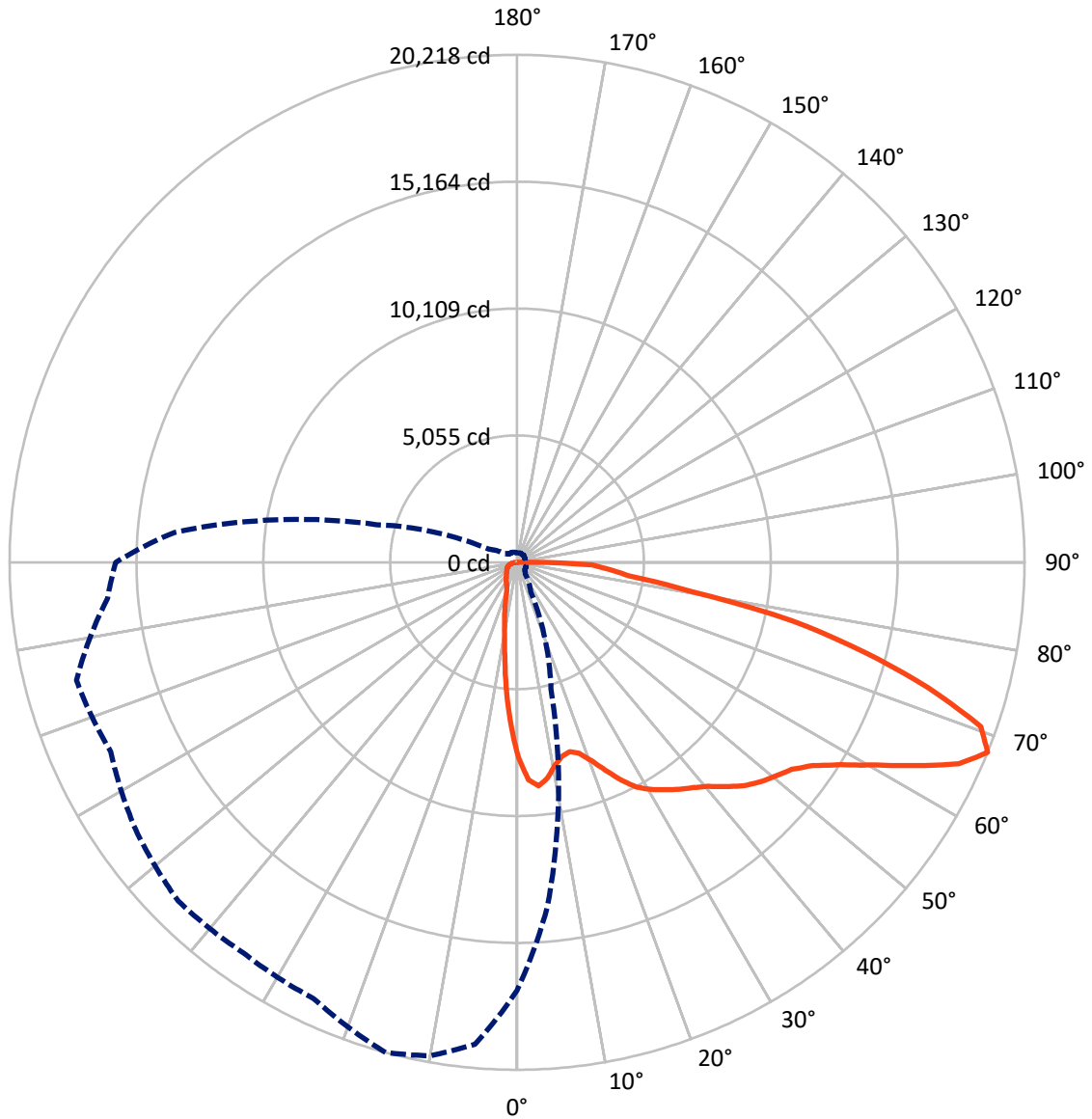
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.5 fc
 Type IV - Medium - N/A

REPORT NUMBER: P383145
CATALOG NUMBER: GAN-SA4D-735-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P383145
 CATALOG NUMBER: GAN-SA4D-735-U-SLR

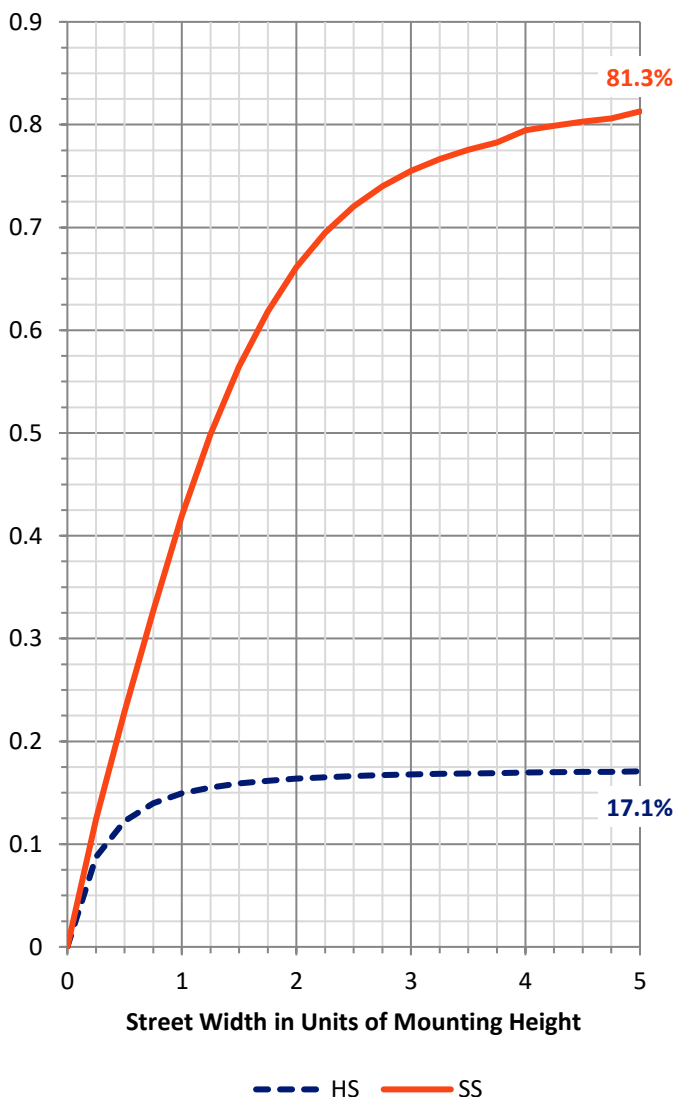
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4429.7	0.0	4429.7
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	21193.5	0.0	21193.5
	% Fixture	82.7	0.0	82.7
Total	Lumens	25623.2	0.0	25623.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	602.5	2.4
10°-20°	1251.6	4.9
20°-30°	1780.0	6.9
30°-40°	2565.0	10.0
40°-50°	3614.8	14.1
50°-60°	5025.2	19.6
60°-70°	6076.9	23.7
70°-80°	3735.4	14.6
80°-90°	972.0	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°	25623.2	100.0
0°-180°	25623.2	100.0

Coefficient of Utilization

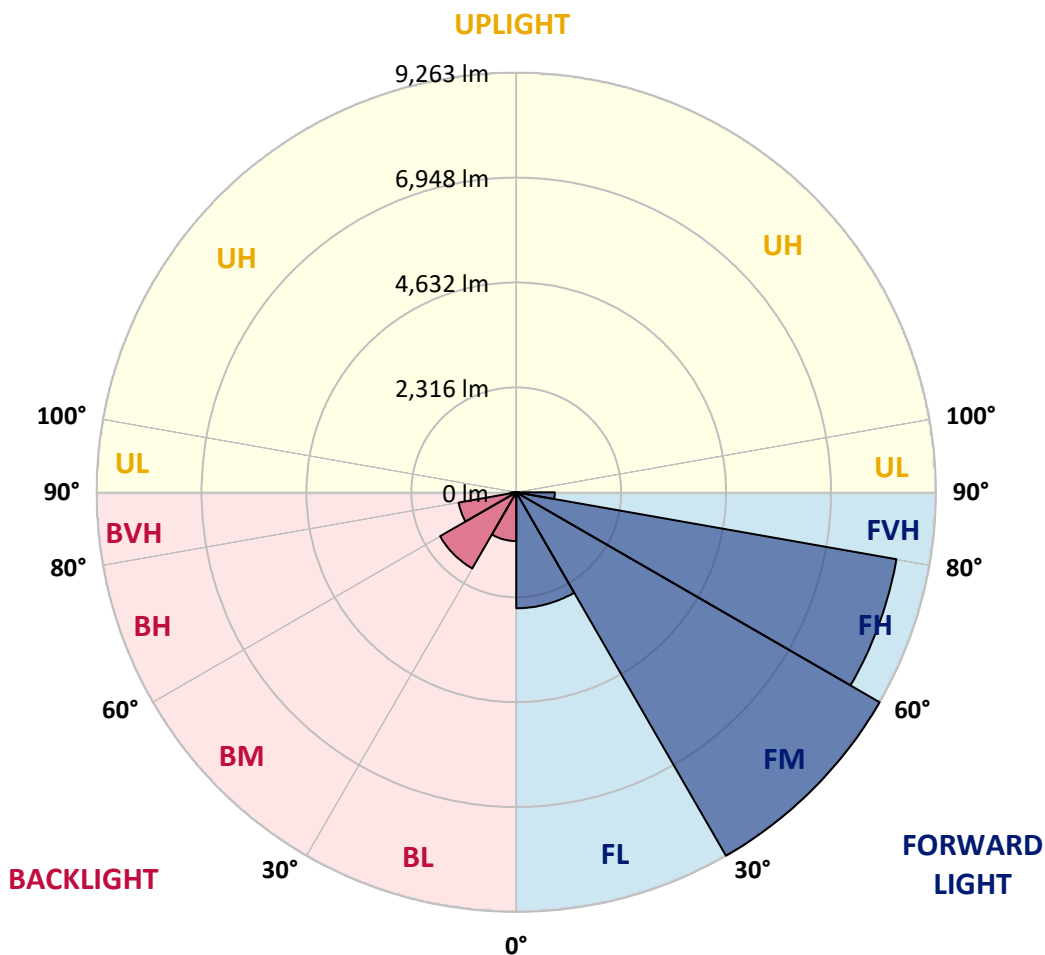


REPORT NUMBER: P383145
 CATALOG NUMBER: GAN-SA4D-735-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2558.5	10.0			
FM (30°-60°)	9263.4	36.2			
FH (60°-80°)	8521.4	33.3			G4/12000
FVH (80°-90°)	850.1	3.3			G5
BL (0°-30°)	1075.5	4.2	B3/2500		
BM (30°-60°)	1941.5	7.6	B2/2500		
BH (60°-80°)	1290.9	5.0	B3/2500		G3/2500
BVH (80°-90°)	121.8	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





REPORT NUMBER: P383145
 CATALOG NUMBER: GAN-SA4D-735-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3
2.5°	8362.5	8288.8	8177.1	8065.4	7982.4	7898.5	7803.2	7707.9	7599.3	7489.7	7425.2
5°	8224.3	8019.3	7753.0	7486.7	7310.4	7134.3	6934.4	6734.7	6536.9	6339.3	6232.7
7.5°	7601.3	7294.0	6947.8	6601.5	6345.4	6088.3	5811.6	5534.0	5288.2	5041.3	4888.7
10°	6988.7	6619.9	6222.5	5823.9	5496.1	5168.3	4890.7	4612.1	4426.6	4241.2	4100.9
12.5°	6549.2	6140.5	5703.1	5264.6	4936.8	4609.0	4432.8	4256.6	4102.9	3949.2	3787.4
15°	6375.1	5913.1	5465.4	5016.7	4718.6	4420.5	4224.8	4028.1	3822.2	3615.2	3416.5
17.5°	6528.8	5987.9	5501.3	5014.6	4624.4	4234.1	3960.5	3685.9	3414.5	3143.0	2912.5
20°	7008.2	6317.8	5681.6	5044.3	4525.0	4005.6	3638.8	3271.0	2922.7	2574.4	2313.2
22.5°	7681.3	6767.5	5936.7	5105.8	4434.8	3762.8	3302.8	2841.8	2429.9	2018.2	1762.0
25°	8498.8	7363.7	6304.4	5244.1	4397.9	3550.7	2985.2	2419.7	1985.4	1550.0	1367.6
27.5°	9360.4	8074.7	6761.4	5446.9	4404.1	3361.2	2717.9	2073.4	1682.1	1290.8	1165.8
30°	10078.5	8887.1	7294.0	5700.0	4427.6	3155.2	2465.8	1776.4	1453.7	1131.0	1050.0
32.5°	10735.2	9453.5	7695.6	5936.7	4454.3	2970.9	2271.2	1570.5	1307.1	1042.9	976.3
35°	11413.3	9956.6	7976.3	5995.1	4408.2	2820.3	2138.0	1455.7	1213.0	969.1	912.8
37.5°	12160.1	10500.6	8246.8	5992.0	4330.3	2668.7	2034.6	1399.4	1151.5	902.6	861.6
40°	12993.0	11101.9	8539.8	5977.6	4259.7	2540.6	1957.7	1373.8	1117.7	860.6	825.7
42.5°	13807.5	11675.6	8812.3	5949.0	4202.3	2454.5	1881.9	1309.2	1086.9	863.6	814.5
45°	14419.1	12176.5	9049.0	5920.3	4159.3	2398.3	1822.5	1246.8	1058.2	869.8	807.3
47.5°	14883.1	12679.6	9311.2	5941.8	4155.2	2368.6	1780.5	1192.5	1003.9	814.5	788.8
50°	15473.2	13284.0	9693.3	6102.7	4211.5	2320.4	1731.3	1141.2	951.7	762.2	797.0
52.5°	16207.7	14146.6	10285.4	6423.3	4329.3	2235.3	1653.5	1071.6	888.2	703.8	758.1
55°	17286.4	15251.9	11042.5	6832.1	4471.7	2110.3	1535.7	959.9	804.2	647.4	695.6
57.5°	18254.6	16368.6	11768.8	7168.1	4560.9	1952.6	1387.1	821.6	709.9	598.2	625.9
60°	18685.9	16944.3	12108.9	7272.5	4507.6	1742.6	1220.1	696.6	626.9	557.3	552.2
62.5°	18517.9	16578.6	11773.9	6969.3	4247.4	1525.4	1072.6	619.8	567.5	514.3	503.0
65°	18026.1	15429.1	10835.6	6241.9	3807.9	1373.8	979.3	584.9	526.6	468.2	455.9
67.5°	17057.0	13793.1	9505.8	5218.5	3249.5	1280.6	926.1	571.6	501.0	429.3	414.9
70°	15317.5	11824.1	7974.2	4123.4	2673.8	1223.2	891.3	559.3	473.3	386.2	372.9
72.5°	12581.2	9480.2	6368.0	3254.6	2235.3	1216.0	887.2	558.3	450.8	343.2	330.9
75°	9008.0	7200.9	4861.0	2520.1	1830.7	1141.2	842.1	543.0	420.0	296.0	284.8
77.5°	6061.7	4984.0	3378.6	1772.3	1358.4	944.5	707.9	471.3	359.6	247.9	236.6
80°	3892.8	3449.3	2264.0	1078.7	881.1	683.3	506.1	328.8	262.2	194.6	185.4
82.5°	2856.1	2567.3	1573.6	579.8	489.7	398.5	309.4	220.2	179.3	138.3	134.2
85°	1815.3	2001.8	1158.7	315.5	258.1	200.7	166.0	131.2	103.5	75.8	75.8
87.5°	352.4	487.7	320.6	152.7	111.7	70.7	60.5	49.2	27.7	5.1	6.1
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: P383145
 CATALOG NUMBER: GAN-SA4D-735-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: P383145
 CATALOG NUMBER: GAN-SA4D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3
2.5°	7359.6	7288.9	7218.3	7138.4	7057.4	6982.6	6906.8	6823.9	6839.2	6775.7	6712.2
5°	6126.1	6013.5	5899.8	5801.4	5703.1	5618.1	5532.0	5455.1	5521.7	5476.7	5431.6
7.5°	4735.0	4595.7	4455.3	4337.5	4219.7	4128.5	4036.3	3972.8	4038.4	4030.2	4022.0
10°	3960.5	3825.3	3689.0	3558.9	3428.8	3318.2	3206.5	3112.3	3095.9	3048.8	3000.6
12.5°	3624.5	3439.1	3252.6	3116.4	2980.1	2847.9	2715.8	2605.2	2555.0	2477.1	2398.3
15°	3217.8	2998.6	2779.3	2624.6	2468.9	2340.9	2211.8	2116.5	2084.7	2024.3	1963.9
17.5°	2682.0	2442.2	2202.6	2045.8	1888.1	1785.6	1682.1	1618.7	1618.7	1601.2	1583.8
20°	2051.9	1837.9	1623.8	1503.9	1384.0	1329.7	1274.5	1247.8	1256.0	1257.0	1257.0
22.5°	1504.9	1373.8	1242.7	1194.5	1145.3	1125.9	1106.4	1095.1	1099.2	1100.3	1101.3
25°	1185.3	1135.1	1083.9	1059.3	1033.6	1021.3	1009.1	1005.0	1014.2	1015.2	1015.2
27.5°	1040.8	1010.1	978.3	962.9	946.5	941.4	936.3	929.1	938.3	938.3	937.3
30°	968.1	935.3	902.6	883.1	863.6	865.7	866.7	864.7	870.8	874.9	878.0
32.5°	908.7	877.0	845.2	825.7	805.2	802.2	799.1	797.0	810.4	817.5	824.7
35°	855.4	820.6	785.8	767.3	748.9	741.7	734.5	729.4	741.7	750.9	760.1
37.5°	819.6	783.7	746.8	729.4	711.0	701.7	692.5	686.4	691.5	695.6	699.7
40°	790.9	754.0	716.1	695.6	675.1	665.9	656.6	651.5	654.6	655.6	656.6
42.5°	764.2	728.4	692.5	670.0	646.4	635.1	623.9	617.7	619.8	621.8	622.8
45°	744.8	708.9	672.0	645.4	617.7	605.4	593.1	585.9	587.0	587.0	587.0
47.5°	763.2	711.0	657.7	626.9	595.2	580.8	566.5	559.3	557.3	555.3	553.2
50°	830.8	741.7	651.5	612.6	572.6	557.3	540.9	532.8	527.6	525.6	523.5
52.5°	811.4	734.5	656.6	606.4	555.3	536.9	518.4	505.1	500.0	496.9	493.8
55°	742.7	694.6	645.4	584.9	524.6	508.2	490.7	481.5	472.3	470.2	468.2
57.5°	652.5	633.1	613.6	552.2	490.7	475.4	459.0	452.8	444.6	444.6	443.6
60°	546.1	574.7	603.4	532.8	461.0	443.6	426.2	421.1	418.0	417.0	415.9
62.5°	490.7	537.9	583.9	509.2	433.4	414.9	396.5	390.3	389.3	390.3	390.3
65°	443.6	457.9	472.3	437.5	402.6	384.2	364.7	358.6	360.6	363.7	366.8
67.5°	400.6	397.5	394.4	382.1	368.8	353.4	337.0	330.9	331.9	336.0	340.1
70°	359.6	355.5	350.4	341.1	331.9	318.6	305.3	301.2	300.1	305.3	309.4
72.5°	318.6	313.5	307.3	300.1	291.9	280.7	269.4	266.3	267.4	270.4	273.5
75°	273.5	269.4	264.3	258.1	251.0	240.7	230.5	228.4	230.5	233.5	236.6
77.5°	224.3	223.3	221.2	216.1	211.0	199.7	187.4	186.4	189.5	192.6	194.6
80°	175.2	176.2	177.3	173.2	169.1	156.8	143.5	142.4	145.5	148.6	151.7
82.5°	129.1	132.2	134.2	129.1	124.0	109.6	95.3	93.2	103.5	106.6	109.6
85°	74.8	78.9	83.0	78.9	74.8	60.5	46.1	45.1	54.3	59.4	64.6
87.5°	6.1	8.2	10.2	9.2	8.2	4.1	0.0	0.0	1.0	5.1	9.2
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: P383145
 CATALOG NUMBER: GAN-SA4D-735-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: P383145

CATALOG NUMBER: GAN-SA4D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3
2.5°	6672.2	6632.2	6619.9	6607.7	6562.6	6516.5	6563.6	6609.7	6629.2	6648.6	6598.4
5°	5425.4	5418.3	5418.3	5417.2	5376.2	5334.3	5366.1	5396.7	5328.2	5259.5	5252.3
7.5°	4066.0	4110.1	4145.9	4180.8	4167.5	4154.1	4183.9	4213.6	4126.5	4038.4	3995.3
10°	3010.9	3020.1	3059.0	3098.0	3107.2	3115.4	3152.2	3188.0	3120.5	3052.9	3023.2
12.5°	2349.1	2299.9	2305.0	2309.1	2327.6	2345.0	2383.9	2421.7	2394.2	2365.5	2368.6
15°	1902.4	1839.9	1814.3	1787.6	1808.1	1828.6	1856.3	1882.9	1884.0	1884.0	1910.6
17.5°	1553.1	1521.3	1495.7	1469.1	1496.7	1523.4	1526.4	1529.5	1530.5	1531.6	1529.5
20°	1272.4	1287.8	1279.6	1271.4	1281.6	1290.8	1298.9	1306.1	1297.0	1286.7	1261.1
22.5°	1115.6	1128.9	1139.2	1148.4	1165.8	1182.2	1174.0	1164.8	1146.4	1126.9	1107.4
25°	1024.4	1033.6	1043.9	1054.1	1068.5	1081.8	1067.5	1053.1	1039.8	1026.5	1013.2
27.5°	947.6	956.8	966.0	974.2	987.5	999.8	986.5	973.2	961.9	950.6	940.4
30°	885.2	891.3	898.5	905.7	917.9	929.1	917.9	905.7	897.5	888.2	881.1
32.5°	831.9	838.0	841.1	844.2	855.4	866.7	858.5	850.3	843.1	836.0	830.8
35°	773.5	785.8	787.8	789.9	801.1	812.4	807.3	801.1	792.9	784.7	775.5
37.5°	714.0	728.4	736.6	743.7	755.0	766.3	761.2	756.0	744.8	733.5	717.1
40°	663.8	670.0	685.3	699.7	718.1	735.5	725.3	714.0	696.6	679.2	671.0
42.5°	621.8	620.8	635.1	649.5	677.1	703.8	685.3	666.9	650.5	634.1	632.1
45°	584.9	581.8	589.0	596.2	625.9	654.6	636.2	616.7	607.5	598.2	598.2
47.5°	552.2	550.2	555.3	559.3	577.7	595.2	585.9	576.7	571.6	566.5	567.5
50°	522.5	520.5	525.6	529.7	536.9	543.0	545.0	546.1	543.0	539.9	542.0
52.5°	494.8	494.8	496.9	497.9	507.1	516.4	516.4	515.3	515.3	515.3	517.4
55°	471.3	473.3	473.3	473.3	487.7	501.0	496.9	492.8	493.8	493.8	495.9
57.5°	447.7	450.8	452.8	454.9	469.2	483.6	479.5	475.4	475.4	475.4	476.4
60°	421.1	425.2	429.3	433.4	447.7	462.0	457.9	452.8	453.8	454.9	455.9
62.5°	395.4	399.5	403.6	407.7	422.1	436.4	432.3	427.2	430.3	432.3	432.3
65°	370.8	373.9	378.0	382.1	395.4	408.8	404.7	400.6	404.7	407.7	409.8
67.5°	343.2	345.2	349.3	353.4	366.8	380.1	376.0	370.8	376.0	380.1	384.2
70°	311.4	313.5	318.6	322.7	336.0	349.3	344.2	339.1	344.2	349.3	353.4
72.5°	276.6	278.6	283.7	287.8	303.2	318.6	312.4	306.3	312.4	318.6	320.6
75°	238.7	240.7	246.9	252.0	267.4	282.7	277.6	271.5	276.6	281.7	282.7
77.5°	197.7	200.7	208.9	217.1	229.4	241.7	238.7	235.6	238.7	241.7	241.7
80°	154.7	157.8	168.1	177.3	184.4	191.5	192.6	193.6	194.6	195.6	194.6
82.5°	114.8	118.9	128.1	137.3	137.3	137.3	145.5	152.7	152.7	151.7	150.6
85°	70.7	75.8	84.0	92.2	87.1	82.0	95.3	107.6	107.6	106.6	104.5
87.5°	14.3	19.5	27.7	34.8	29.7	24.6	37.9	51.2	52.3	52.3	50.2
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: P383145
 CATALOG NUMBER: GAN-SA4D-735-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: P383145

CATALOG NUMBER: GAN-SA4D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3
2.5°	6547.2	6627.1	6706.0	6726.5	6757.3	6770.6	6782.9	6883.2	6982.6	7099.4	7216.2
5°	5244.1	5303.6	5363.0	5372.2	5403.9	5420.3	5436.7	5558.6	5679.6	5842.4	6005.3
7.5°	3952.3	3966.6	3981.0	3978.9	4005.6	4041.4	4076.3	4206.4	4335.4	4510.6	4684.8
10°	2993.4	3026.2	3058.0	3087.7	3146.1	3213.7	3280.3	3413.5	3546.6	3719.8	3891.8
12.5°	2371.6	2409.4	2446.3	2479.1	2546.8	2636.9	2726.1	2885.8	3045.7	3252.6	3458.6
15°	1936.2	1933.1	1930.1	1952.6	2012.0	2110.3	2207.7	2376.8	2545.7	2773.2	2999.6
17.5°	1527.5	1512.1	1496.7	1514.1	1569.5	1650.4	1730.3	1873.7	2016.1	2236.4	2456.6
20°	1235.5	1225.3	1215.0	1231.4	1266.3	1300.0	1333.8	1437.3	1539.8	1719.0	1897.3
22.5°	1086.9	1085.9	1083.9	1093.1	1109.5	1126.9	1143.3	1193.5	1242.7	1358.4	1473.1
25°	999.8	998.8	997.8	1001.9	1015.2	1028.5	1041.8	1074.6	1107.4	1162.8	1218.1
27.5°	930.2	928.1	926.1	927.1	930.2	950.6	970.1	985.5	999.8	1037.7	1074.6
30°	873.9	872.9	871.8	871.8	868.8	875.9	883.1	906.7	929.1	968.1	1007.0
32.5°	825.7	820.6	815.5	804.2	797.0	807.3	817.5	842.1	866.7	902.6	938.3
35°	765.3	751.9	737.6	731.5	732.5	742.7	753.0	777.6	801.1	840.1	878.0
37.5°	699.7	695.6	690.5	689.4	692.5	702.8	713.0	734.5	755.0	794.0	831.9
40°	662.8	660.7	658.7	656.6	658.7	668.9	679.2	699.7	719.2	757.1	794.0
42.5°	630.0	629.0	628.0	628.0	629.0	640.3	651.5	672.0	691.5	725.3	759.1
45°	598.2	599.3	599.3	601.3	604.4	615.7	625.9	648.5	671.0	703.8	736.6
47.5°	568.5	571.6	573.6	578.8	581.8	594.1	605.4	630.0	654.6	695.6	735.5
50°	543.0	546.1	548.1	552.2	560.3	574.7	589.0	618.7	647.4	716.1	783.7
52.5°	519.4	522.5	525.6	529.7	539.9	556.2	572.6	609.5	645.4	725.3	805.2
55°	497.9	501.0	503.0	509.2	519.4	533.8	547.1	592.1	637.2	695.6	754.0
57.5°	477.4	480.5	482.5	486.6	491.8	507.1	521.5	569.5	617.7	658.7	698.7
60°	455.9	457.9	459.0	459.0	463.1	480.5	497.9	559.3	619.8	612.6	604.4
62.5°	432.3	434.4	435.4	432.3	437.5	455.9	474.3	554.3	634.1	584.9	535.8
65°	410.8	409.8	408.8	405.7	411.8	430.3	447.7	487.7	527.6	508.2	488.7
67.5°	387.2	384.2	381.1	377.0	383.1	399.5	414.9	428.2	441.6	443.6	445.7
70°	357.5	353.4	349.3	348.3	351.4	364.7	378.0	387.2	395.4	399.5	402.6
72.5°	322.7	319.6	316.5	314.5	315.5	326.8	337.0	345.2	353.4	356.5	358.6
75°	283.7	283.7	282.7	276.6	276.6	285.8	294.0	301.2	308.3	312.4	316.5
77.5°	241.7	242.8	242.8	234.6	233.5	242.8	251.0	257.1	262.2	266.3	269.4
80°	193.6	191.5	189.5	184.4	182.4	193.6	203.8	208.9	213.0	214.1	214.1
82.5°	148.6	144.5	139.4	128.1	129.1	141.4	152.7	156.8	160.9	160.9	160.9
85°	101.4	93.2	84.0	74.8	75.8	89.1	101.4	105.5	109.6	111.7	112.7
87.5°	48.2	40.0	30.7	23.6	23.6	34.8	45.1	47.1	49.2	53.3	57.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383145
 CATALOG NUMBER: GAN-SA4D-735-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: P383145

CATALOG NUMBER: GAN-SA4D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3
2.5°	7305.3	7393.4	7484.6	7575.8	7680.2	7784.8	7906.7	8027.5	8131.0	8234.5	8320.6
5°	6145.6	6286.0	6451.0	6615.9	6825.9	7035.9	7293.0	7549.2	7777.6	8006.0	8271.4
7.5°	4868.2	5050.5	5265.7	5480.8	5752.2	6023.8	6356.7	6689.6	7012.3	7334.0	7741.7
10°	4083.4	4275.0	4487.1	4698.1	4974.7	5250.3	5602.7	5954.1	6316.7	6678.4	7139.4
12.5°	3671.6	3883.7	4070.1	4256.6	4480.9	4704.2	5045.4	5386.5	5812.7	6237.8	6681.4
15°	3232.1	3463.7	3687.0	3910.3	4155.2	4399.0	4730.9	5062.8	5528.9	5995.1	6505.2
17.5°	2700.5	2944.2	3216.7	3488.3	3807.9	4126.5	4551.6	4976.8	5528.9	6080.1	6681.4
20°	2146.2	2395.2	2721.0	3046.7	3444.2	3840.7	4391.8	4943.0	5686.7	6429.4	7196.8
22.5°	1693.4	1912.7	2268.1	2622.6	3081.6	3540.4	4247.4	4953.2	5925.4	6896.5	7932.3
25°	1372.7	1527.5	1876.8	2225.1	2754.8	3284.4	4159.3	5033.1	6272.7	7511.3	8795.9
27.5°	1176.1	1277.5	1603.3	1928.0	2506.8	3084.6	4123.4	5161.1	6713.2	8265.2	9735.3
30°	1077.7	1148.4	1424.0	1698.5	2286.6	2874.6	4080.4	5286.2	7137.3	8987.5	10469.8
32.5°	995.7	1052.1	1287.8	1522.3	2096.0	2669.7	3997.4	5324.1	7433.4	9542.7	11091.7
35°	926.1	973.2	1178.1	1383.0	1946.5	2509.9	3858.1	5206.2	7618.8	10031.4	11739.1
37.5°	869.8	906.7	1096.2	1285.7	1817.4	2349.1	3699.3	5049.5	7783.7	10518.0	12467.5
40°	825.7	857.5	1034.7	1211.9	1694.4	2176.9	3563.0	4948.1	8011.1	11074.2	13236.8
42.5°	801.1	842.1	981.4	1119.7	1577.7	2035.6	3453.4	4871.2	8222.2	11572.2	13909.9
45°	795.0	853.4	953.7	1054.1	1490.6	1927.0	3356.1	4784.1	8358.4	11932.8	14417.0
47.5°	784.7	832.9	932.2	1031.6	1447.5	1862.4	3303.8	4744.2	8494.7	12244.2	14838.1
50°	790.9	797.0	914.9	1031.6	1441.4	1851.2	3363.3	4875.3	8789.7	12703.1	15319.6
52.5°	779.6	753.0	882.1	1011.1	1440.4	1869.6	3534.3	5199.1	9337.8	13475.6	15841.0
55°	720.2	685.3	820.6	955.8	1418.8	1880.9	3738.2	5594.5	10073.4	14551.2	16778.4
57.5°	667.9	636.2	750.9	864.7	1353.3	1841.9	3948.2	6053.5	10850.9	15647.4	17834.6
60°	598.2	591.1	673.0	755.0	1251.9	1747.7	4121.4	6493.9	11373.4	16251.8	18241.3
62.5°	540.9	545.0	605.4	665.9	1124.8	1582.8	4178.7	6773.7	11359.0	15944.5	17831.5
65°	496.9	504.1	563.4	622.8	1016.2	1409.6	3990.2	6569.7	10784.3	14997.9	17021.1
67.5°	453.8	462.0	532.8	602.3	920.0	1236.5	3519.0	5800.4	9750.7	13699.9	15990.6
70°	412.9	423.1	500.0	576.7	850.3	1122.8	2911.5	4700.1	8456.8	12212.4	14797.1
72.5°	368.8	379.0	461.0	543.0	806.3	1068.5	2373.7	3677.7	6862.7	10046.7	12657.0
75°	323.7	330.9	420.0	508.2	745.8	983.4	1862.4	2740.4	5252.3	7764.3	9560.1
77.5°	278.6	287.8	362.7	436.4	633.1	828.8	1403.5	1978.2	3854.0	5728.7	6648.6
80°	222.3	230.5	283.7	336.0	488.7	640.3	965.0	1289.8	2652.3	4014.8	4533.2
82.5°	170.1	179.3	215.1	249.9	348.3	446.7	584.9	723.3	1762.0	2799.8	2842.8
85°	116.8	119.9	145.5	170.1	215.1	260.2	335.0	409.8	1165.8	1921.9	1601.2
87.5°	58.4	58.4	75.8	93.2	115.8	138.3	177.3	215.1	372.9	530.7	305.3
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: P383145
 CATALOG NUMBER: GAN-SA4D-735-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: P383145

CATALOG NUMBER: GAN-SA4D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3
2.5°	8430.1	8504.9	8580.8	8638.1	8696.6	8780.5	8864.5	8879.9	8896.3	8863.5	8830.7
5°	8538.8	8765.1	8992.6	9202.6	9412.6	9538.6	9664.6	9690.2	9715.9	9637.0	9557.0
7.5°	8136.1	8530.6	8925.0	9286.6	9648.2	9867.4	10087.7	10136.9	10187.1	10058.0	9928.9
10°	7598.3	8082.9	8567.4	9043.8	9520.1	9838.7	10157.4	10220.8	10284.4	10123.6	9962.7
12.5°	7182.4	7699.7	8217.1	8719.0	9222.0	9551.9	9881.8	9960.7	10039.6	9922.8	9805.0
15°	7054.3	7541.0	8027.5	8465.0	8903.5	9172.9	9443.4	9475.1	9507.8	9489.4	9471.0
17.5°	7286.8	7726.3	8166.9	8404.5	8643.3	8750.8	8859.4	8894.2	8930.1	8976.2	9023.3
20°	7850.3	8159.7	8470.1	8459.8	8448.6	8396.3	8343.0	8333.9	8324.7	8456.8	8590.0
22.5°	8691.4	8814.3	8938.3	8650.4	8362.5	8187.4	8011.1	7976.3	7940.5	8080.8	8222.2
25°	9604.2	9581.6	9558.1	9010.0	8460.9	8126.9	7793.0	7754.0	7715.1	7835.0	7955.9
27.5°	10507.8	10360.2	10212.6	9467.9	8723.1	8238.6	7754.0	7715.1	7676.1	7782.7	7889.3
30°	11170.6	10933.9	10697.2	9854.1	9011.0	8435.3	7859.6	7796.0	7731.5	7862.6	7993.7
32.5°	11687.8	11370.3	11052.7	10167.7	9282.5	8659.7	8036.7	7937.4	7838.0	8013.2	8188.4
35°	12204.2	11757.5	11309.8	10447.3	9583.7	8925.0	8265.2	8143.3	8021.4	8262.2	8502.9
37.5°	12853.7	12212.4	11570.1	10761.8	9953.5	9322.5	8690.4	8565.4	8440.4	8746.7	9054.1
40°	13558.5	12703.1	11847.7	11106.0	10364.3	9872.5	9379.8	9261.0	9141.1	9514.0	9886.9
42.5°	14144.5	13160.0	12175.5	11520.9	10865.3	10519.0	10171.8	10170.7	10168.7	10546.7	10924.7
45°	14620.9	13541.1	12460.3	11925.6	11389.8	11209.5	11029.2	11173.6	11318.0	11659.2	12001.4
47.5°	14976.4	13860.8	12744.1	12388.7	12033.2	12059.7	12086.4	12380.5	12674.5	12893.6	13114.0
50°	15207.9	14150.7	13092.4	12982.8	12873.1	13111.9	13351.6	13688.6	14026.7	14176.3	14325.8
52.5°	15544.9	14544.1	13542.1	13665.1	13788.0	14275.6	14763.3	15104.4	15445.5	15500.9	15557.2
55°	16324.5	15267.3	14209.1	14444.7	14681.3	15396.3	16112.5	16378.8	16645.2	16665.7	16686.2
57.5°	17432.0	16280.5	15129.0	15383.0	15637.1	16462.9	17289.5	17576.4	17864.3	17824.3	17783.3
60°	18260.8	17242.4	16223.1	16479.3	16735.3	17540.6	18345.7	18675.7	19006.6	18918.4	18830.3
62.5°	18312.0	17768.0	17223.0	17454.5	17687.0	18475.8	19264.7	19603.8	19942.9	19789.2	19635.5
65°	17497.5	17741.3	17985.1	18062.0	18138.8	18874.4	19610.9	19870.1	20130.4	20052.5	19974.6
67.5°	16375.8	17274.2	18173.7	18018.9	17864.3	18209.5	18554.8	18822.1	19089.5	19045.5	19000.4
70°	15256.0	16455.7	17655.2	16895.1	16133.9	15991.6	15849.2	16137.0	16426.0	16247.7	16068.5
72.5°	13349.5	14628.1	15907.6	14507.2	13106.8	12620.1	12133.5	12499.2	12865.0	12581.2	12296.4
75°	10479.1	11891.8	13305.5	11634.7	9963.7	9314.3	8664.8	8979.3	9293.8	9099.1	8903.5
77.5°	7801.2	9193.4	10585.5	8887.1	7187.5	6705.0	6221.4	6314.7	6409.0	6376.2	6342.3
80°	5291.3	6261.4	7232.5	6101.6	4970.6	5007.4	5045.4	5001.4	4956.3	5021.8	5087.4
82.5°	3376.6	4125.5	4875.3	4275.0	3674.7	4018.9	4363.1	4194.1	4024.0	4086.5	4150.0
85°	1927.0	2659.5	3393.0	3162.4	2930.9	3131.8	3333.5	3071.3	2809.0	2923.8	3039.5
87.5°	508.2	1471.1	2435.1	2210.7	1986.4	1726.2	1466.0	1118.7	771.4	1126.9	1482.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383145
 CATALOG NUMBER: GAN-SA4D-735-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: P383145

CATALOG NUMBER: GAN-SA4D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3	7806.3
2.5°	8813.3	8795.9	8733.4	8669.9	8575.6	8497.8	8362.5
5°	9446.5	9335.8	9145.2	8953.7	8740.5	8495.7	8224.3
7.5°	9670.8	9411.6	9045.9	8679.1	8349.2	7962.0	7601.3
10°	9575.5	9187.2	8711.8	8235.5	7835.0	7389.3	6988.7
12.5°	9393.2	8980.3	8456.8	7932.3	7476.4	6998.0	6549.2
15°	9142.1	8812.3	8321.6	7830.9	7371.9	6906.8	6375.1
17.5°	8867.6	8710.8	8356.4	8000.9	7603.4	7152.7	6528.8
20°	8646.3	8703.7	8562.3	8420.9	8102.3	7708.9	7008.2
22.5°	8496.7	8772.3	8880.9	8990.6	8798.9	8491.6	7681.3
25°	8412.7	8869.6	9233.3	9598.0	9513.0	9276.4	8498.8
27.5°	8449.6	9010.0	9574.4	10140.0	10218.8	10153.3	9360.4
30°	8560.3	9127.8	9815.3	10503.7	10818.2	10906.3	10078.5
32.5°	8744.6	9300.9	10049.8	10799.7	11275.1	11555.8	10735.2
35°	9023.3	9543.7	10324.3	11105.0	11719.6	12231.9	11413.3
37.5°	9501.7	9949.4	10669.6	11390.8	12187.8	12957.2	12160.1
40°	10202.4	10519.0	11127.5	11737.0	12740.0	13778.8	12993.0
42.5°	11086.5	11249.5	11731.9	12214.5	13316.8	14524.6	13807.5
45°	12044.4	12087.4	12390.7	12694.9	13773.7	15032.7	14419.1
47.5°	12966.4	12818.8	12939.8	13060.7	14124.0	15395.3	14883.1
50°	13915.0	13504.3	13440.7	13377.2	14474.4	15822.5	15473.2
52.5°	14880.1	14202.9	13951.9	13699.9	14892.4	16389.1	16207.7
55°	15824.6	14963.1	14625.0	14286.9	15531.6	17080.6	17286.4
57.5°	16807.1	15830.7	15517.3	15203.8	16471.1	17956.5	18254.6
60°	17864.3	16897.2	16646.2	16394.2	17638.9	18903.1	18685.9
62.5°	18867.2	18098.9	17966.8	17833.5	18820.1	19630.4	18517.9
65°	19537.2	19098.7	19221.6	19345.6	19713.4	19811.8	18026.1
67.5°	19089.5	19178.6	19698.0	20218.4	19965.4	19272.9	17057.0
70°	16602.1	17136.9	18367.2	19598.6	19037.3	17829.4	15317.5
72.5°	12896.7	13498.1	15324.7	17152.3	16634.9	15155.6	12581.2
75°	9581.6	10260.8	12277.0	14293.0	13574.9	11336.5	9008.0
77.5°	6797.2	7252.0	9242.5	11234.1	10063.1	7546.1	6061.7
80°	4948.1	4808.7	5918.2	7027.7	6833.1	4991.1	3892.8
82.5°	3809.9	3469.8	3992.2	4514.7	4486.1	3463.7	2856.1
85°	2903.3	2767.1	3229.0	3691.1	3295.6	2346.0	1815.3
87.5°	1692.3	1903.4	2447.4	2992.4	2245.6	712.0	352.4
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: P383145
 CATALOG NUMBER: GAN-SA4D-735-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)