

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: P383705

Luminaire Tested: **GAN-SA9D-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383705
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-SA9D-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 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: 56786.2 lumens
Efficiency: N/A
Efficacy: 98.8 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B4 - U0 - G5

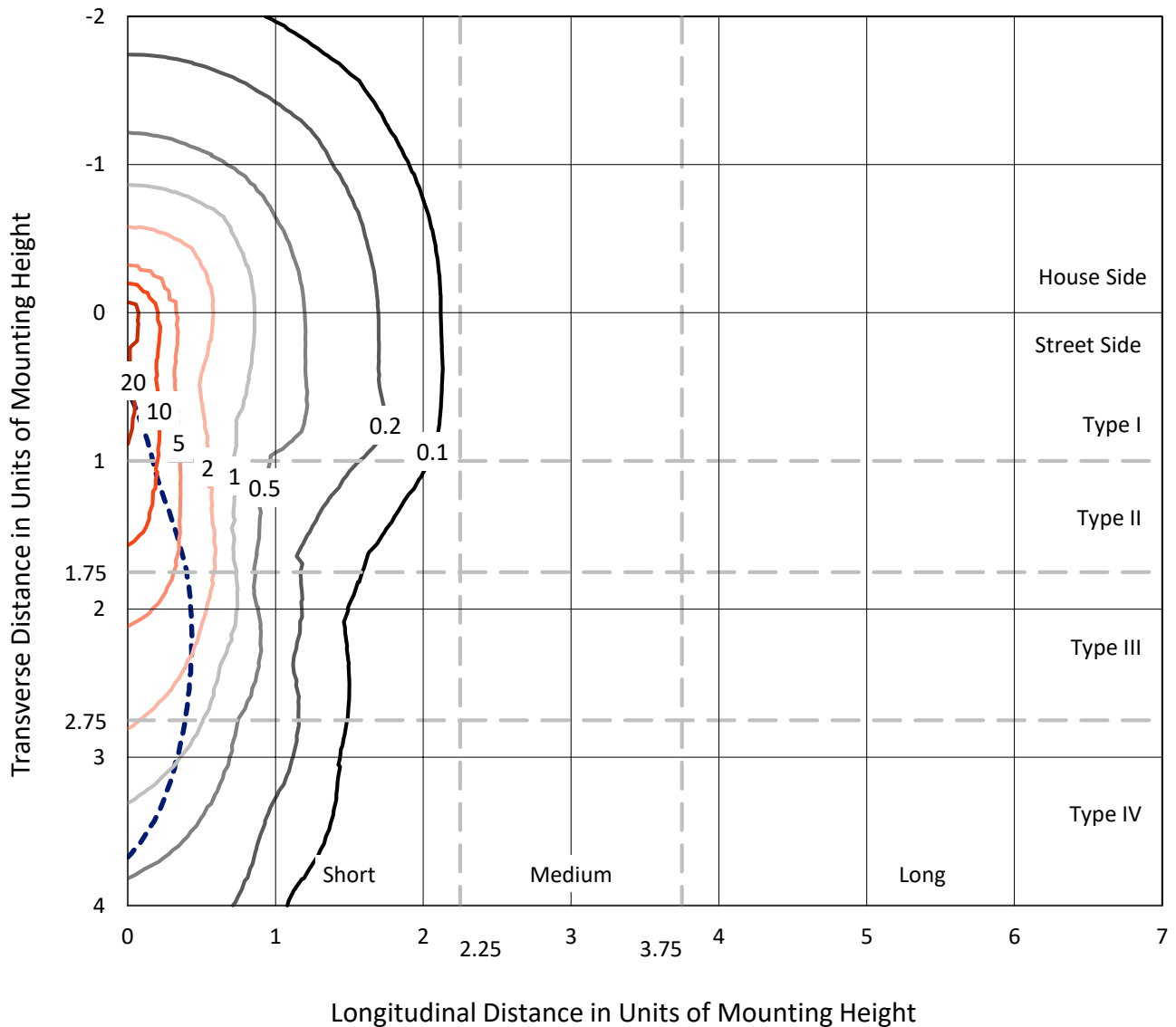
Input Watts (W): 575
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

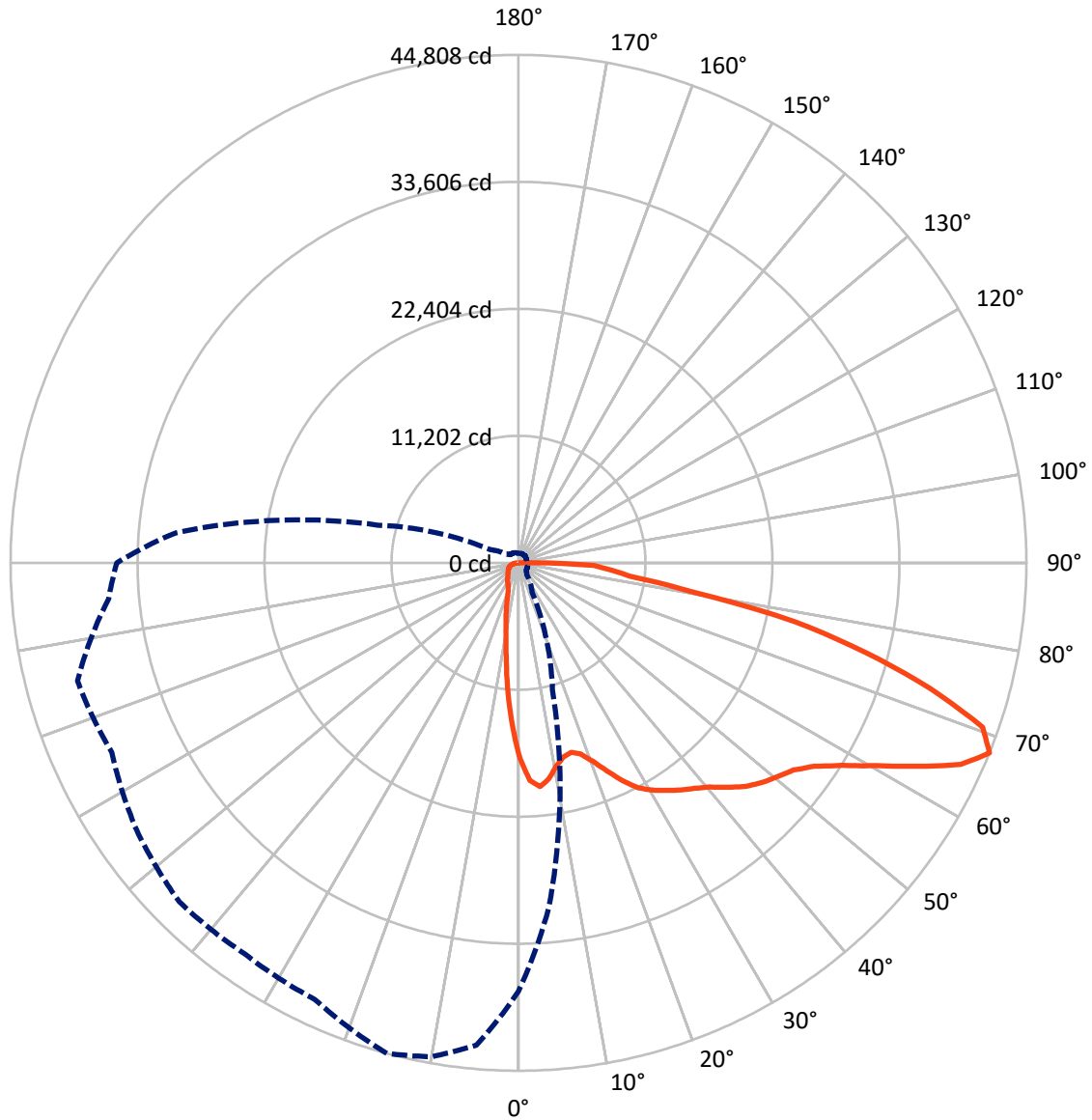
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 27.7 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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

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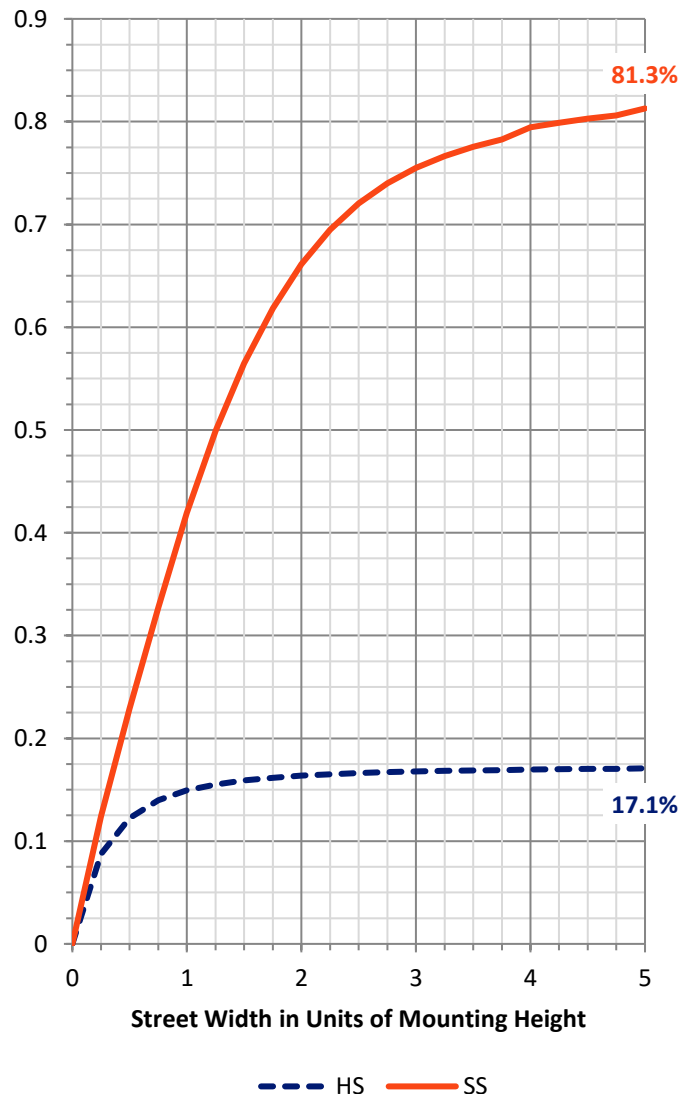
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9817.1	0.0	9817.1
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	46969.1	0.0	46969.1
	% Fixture	82.7	0.0	82.7
Total	Lumens	56786.2	0.0	56786.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1335.2	2.4
10°-20°	2773.7	4.9
20°-30°	3944.8	6.9
30°-40°	5684.5	10.0
40°-50°	8011.1	14.1
50°-60°	11136.8	19.6
60°-70°	13467.7	23.7
70°-80°	8278.3	14.6
80°-90°	2154.1	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	56786.2	100.0
0°-180°	56786.2	100.0

Coefficient of Utilization

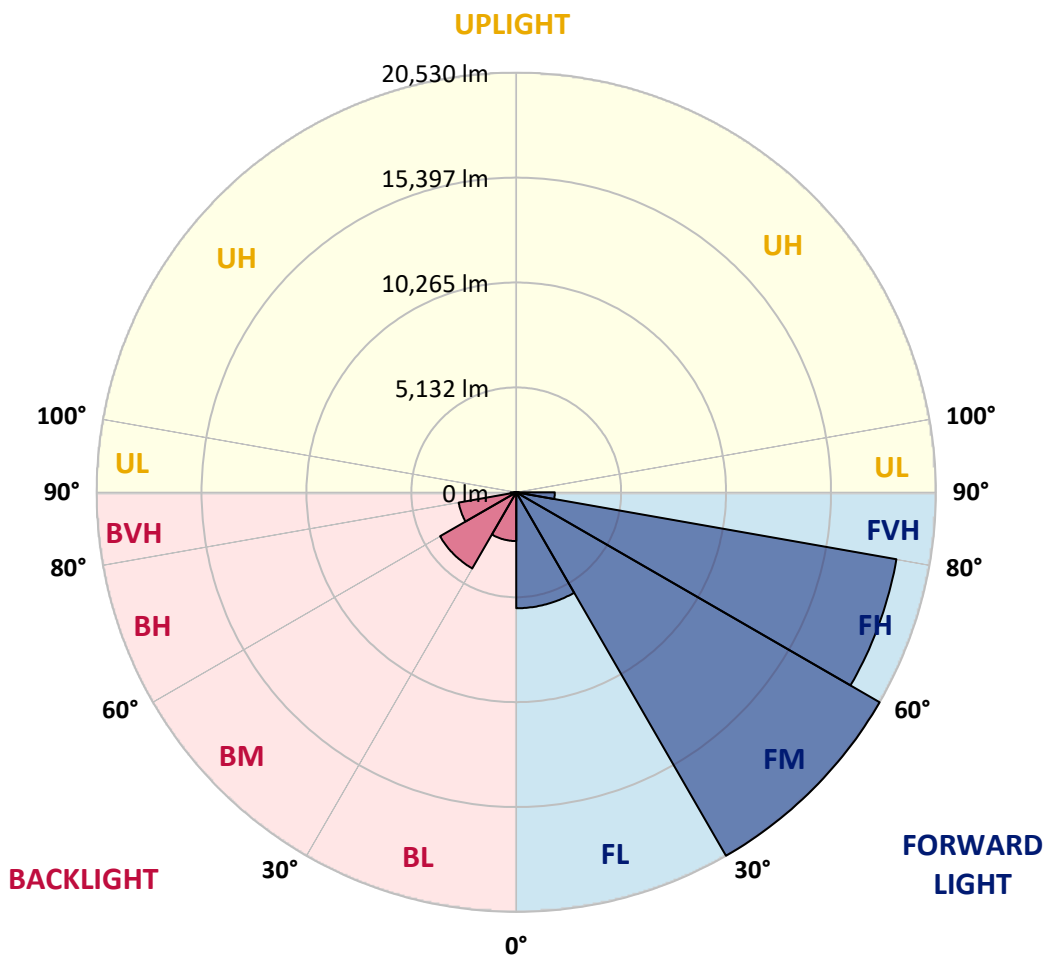


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	5670.2	10.0			
FM (30°-60°)	20529.6	36.2			
FH (60°-80°)	18885.1	33.3			G5
FVH (80°-90°)	1884.1	3.3			G5
BL (0°-30°)	2383.5	4.2	B3/2500		
BM (30°-60°)	4302.7	7.6	B3/5000		
BH (60°-80°)	2860.9	5.0	B4/5000		G4/5000
BVH (80°-90°)	270.0	0.5			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3
2.5°	18533.1	18369.7	18122.2	17874.7	17690.8	17504.6	17293.5	17082.3	16841.7	16598.8	16455.7
5°	18226.7	17772.5	17182.2	16592.0	16201.5	15811.0	15368.2	14925.5	14487.3	14049.1	13813.0
7.5°	16846.2	16165.1	15397.7	14630.3	14062.7	13492.9	12879.9	12264.6	11719.7	11172.5	10834.3
10°	15488.6	14671.2	13790.3	12907.2	12180.6	11454.1	10838.8	10221.2	9810.3	9399.4	9088.4
12.5°	14514.5	13608.7	12639.2	11667.5	10940.9	10214.4	9823.9	9433.4	9092.8	8752.4	8393.6
15°	14128.6	13104.6	12112.4	11118.0	10457.4	9796.7	9363.1	8927.1	8470.8	8012.1	7571.7
17.5°	14469.2	13270.4	12191.9	11113.5	10248.5	9383.5	8777.3	8168.8	7567.1	6965.6	6454.7
20°	15531.7	14001.4	12591.5	11179.3	10028.3	8877.2	8064.4	7249.3	6477.4	5705.4	5126.5
22.5°	17023.3	14998.1	13156.9	11315.6	9828.5	8339.1	7319.7	6298.0	5385.4	4472.6	3905.0
25°	18835.1	16319.5	13971.9	11622.1	9746.8	7869.2	6615.9	5362.6	4400.0	3435.1	3031.0
27.5°	20744.4	17895.1	14984.5	12071.6	9760.4	7449.1	6023.3	4595.2	3728.0	2860.7	2583.7
30°	22336.0	19695.5	16165.1	12632.4	9812.5	6992.8	5464.8	3936.8	3221.7	2506.5	2327.1
32.5°	23791.4	20951.1	17055.1	13156.9	9871.6	6584.1	5033.4	3480.5	2897.0	2311.3	2163.7
35°	25294.3	22065.8	17677.2	13286.3	9769.4	6250.4	4738.3	3226.2	2688.2	2147.8	2022.9
37.5°	26949.4	23271.5	18276.6	13279.5	9596.9	5914.3	4509.0	3101.3	2551.9	2000.2	1909.4
40°	28795.3	24604.1	18925.9	13247.7	9440.2	5630.6	4338.7	3044.6	2477.0	1907.2	1829.9
42.5°	30600.2	25875.5	19529.8	13184.1	9313.1	5439.9	4170.7	2901.6	2408.9	1914.0	1805.0
45°	31955.6	26985.7	20054.3	13120.6	9217.8	5314.9	4039.0	2763.1	2345.3	1927.6	1789.0
47.5°	32984.1	28100.5	20635.5	13168.2	9208.6	5249.1	3945.9	2642.7	2225.0	1805.0	1748.2
50°	34291.9	29440.1	21482.3	13524.7	9333.5	5142.4	3837.0	2529.2	2109.2	1689.2	1766.4
52.5°	35919.7	31351.7	22794.6	14235.3	9594.7	4954.0	3664.4	2374.8	1968.5	1559.8	1680.0
55°	38310.5	33801.5	24472.4	15141.2	9910.2	4677.0	3403.3	2127.4	1782.2	1434.9	1541.6
57.5°	40455.9	36276.1	26082.1	15885.9	10107.8	4327.3	3074.1	1820.8	1573.4	1325.9	1387.2
60°	41411.8	37552.1	26835.9	16117.5	9989.6	3861.9	2704.0	1543.9	1389.5	1235.0	1223.8
62.5°	41039.4	36741.6	26093.5	15445.4	9413.0	3380.6	2377.1	1373.6	1257.8	1139.7	1114.8
65°	39949.6	34194.2	24013.8	13833.5	8439.0	3044.6	2170.5	1296.4	1166.9	1037.6	1010.4
67.5°	37801.8	30568.5	21066.9	11565.3	7201.6	2838.0	2052.4	1266.9	1110.2	951.3	919.5
70°	33946.7	26204.7	17672.7	9138.3	5925.7	2710.8	1975.3	1239.6	1048.9	855.9	826.4
72.5°	27882.5	21010.1	14112.7	7213.0	4954.0	2695.0	1966.1	1237.4	999.0	760.6	733.3
75°	19963.4	15958.5	10773.0	5585.1	4057.2	2529.2	1866.3	1203.3	930.9	656.2	631.1
77.5°	13433.8	11045.5	7487.7	3927.8	3010.5	2093.3	1568.8	1044.4	796.9	549.4	524.5
80°	8627.4	7644.4	5017.5	2390.7	1952.5	1514.3	1121.6	728.7	581.2	431.4	410.9
82.5°	6329.9	5689.6	3487.3	1285.1	1085.3	883.2	685.6	488.1	397.3	306.5	297.4
85°	4023.1	4436.3	2567.8	699.3	572.2	445.0	367.8	290.6	229.3	168.1	168.1
87.5°	781.0	1080.7	710.6	338.2	247.5	156.7	134.0	109.0	61.3	11.4	13.6
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°	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3
2.5°	16310.5	16153.8	15997.1	15820.0	15640.7	15475.0	15306.9	15123.0	15157.1	15016.3	14875.5
5°	13576.8	13327.2	13075.1	12857.2	12639.2	12450.8	12260.1	12089.8	12237.4	12137.5	12037.6
7.5°	10493.7	10184.9	9873.8	9612.8	9351.7	9149.7	8945.3	8804.5	8949.8	8931.7	8913.5
10°	8777.3	8477.6	8175.6	7887.3	7599.0	7353.7	7106.3	6897.5	6861.1	6756.7	6649.9
12.5°	8032.6	7621.6	7208.5	6906.5	6604.6	6311.7	6018.8	5773.5	5662.3	5489.8	5314.9
15°	7131.3	6645.4	6159.6	5816.7	5471.6	5187.8	4901.7	4690.6	4620.2	4486.2	4352.3
17.5°	5943.8	5412.6	4881.3	4533.9	4184.3	3957.3	3728.0	3587.2	3587.2	3548.6	3510.0
20°	4547.5	4073.1	3598.6	3332.9	3067.3	2947.0	2824.4	2765.3	2783.5	2785.8	2785.8
22.5°	3335.2	3044.6	2753.9	2647.3	2538.3	2495.2	2452.0	2427.1	2436.1	2438.4	2440.7
25°	2626.9	2515.6	2402.1	2347.6	2290.9	2263.6	2236.4	2227.2	2247.6	2250.0	2250.0
27.5°	2306.7	2238.6	2168.2	2134.2	2097.8	2086.5	2075.1	2059.3	2079.7	2079.7	2077.4
30°	2145.5	2072.9	2000.2	1957.1	1914.0	1918.4	1920.8	1916.2	1929.8	1938.9	1945.7
32.5°	2013.8	1943.5	1873.1	1829.9	1784.6	1777.7	1770.9	1766.4	1795.8	1811.8	1827.7
35°	1895.8	1818.6	1741.3	1700.5	1659.6	1643.7	1627.9	1616.5	1643.7	1664.2	1684.6
37.5°	1816.3	1736.9	1655.1	1616.5	1575.6	1555.2	1534.8	1521.1	1532.5	1541.6	1550.7
40°	1752.7	1671.0	1587.0	1541.6	1496.2	1475.8	1455.4	1444.0	1450.8	1453.0	1455.4
42.5°	1693.7	1614.3	1534.8	1484.8	1432.6	1407.7	1382.7	1369.0	1373.6	1378.1	1380.4
45°	1650.6	1571.1	1489.4	1430.3	1369.0	1341.8	1314.5	1298.7	1300.9	1300.9	1300.9
47.5°	1691.4	1575.6	1457.6	1389.5	1319.1	1287.3	1255.5	1239.6	1235.0	1230.6	1226.0
50°	1841.3	1643.7	1444.0	1357.7	1269.1	1235.0	1198.7	1180.6	1169.3	1164.7	1160.1
52.5°	1798.2	1627.9	1455.4	1344.0	1230.6	1189.7	1148.8	1119.3	1108.0	1101.1	1094.3
55°	1646.0	1539.3	1430.3	1296.4	1162.5	1126.1	1087.5	1067.1	1046.7	1042.1	1037.6
57.5°	1446.2	1403.1	1360.0	1223.8	1087.5	1053.5	1017.2	1003.5	985.4	985.4	983.1
60°	1210.1	1273.7	1337.2	1180.6	1021.6	983.1	944.5	933.1	926.3	924.0	921.8
62.5°	1087.5	1191.9	1294.1	1128.4	960.3	919.5	878.6	865.0	862.7	865.0	865.0
65°	983.1	1014.8	1046.7	969.5	892.2	851.4	808.2	794.6	799.2	806.0	812.8
67.5°	887.8	880.9	874.1	846.9	817.3	783.2	746.9	733.3	735.6	744.7	753.8
70°	796.9	787.8	776.4	756.0	735.6	706.1	676.6	667.5	665.2	676.6	685.6
72.5°	706.1	694.7	681.1	665.2	647.1	622.1	597.1	590.3	592.6	599.4	606.2
75°	606.2	597.1	585.8	572.2	556.2	533.5	510.9	506.3	510.9	517.7	524.5
77.5°	497.3	494.9	490.4	479.1	467.7	442.8	415.5	413.2	420.0	426.8	431.4
80°	388.3	390.5	392.7	383.7	374.6	347.4	317.8	315.6	322.4	329.2	336.0
82.5°	286.1	292.9	297.4	286.1	274.7	242.9	211.2	206.6	229.3	236.1	242.9
85°	165.7	174.9	183.9	174.9	165.7	134.0	102.2	99.9	120.4	131.7	143.0
87.5°	13.6	18.2	22.7	20.4	18.2	9.0	0.0	0.0	2.2	11.4	20.4
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: P383705
 CATALOG NUMBER: GAN-SA9D-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: P383705

CATALOG NUMBER: GAN-SA9D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3
2.5°	14787.0	14698.4	14671.2	14643.9	14544.1	14441.9	14546.3	14648.5	14691.6	14734.8	14623.5
5°	12024.0	12008.0	12008.0	12005.8	11915.0	11821.9	11892.2	11960.4	11808.3	11656.2	11640.2
7.5°	9011.1	9108.8	9188.2	9265.5	9235.9	9206.4	9272.3	9338.1	9145.1	8949.8	8854.5
10°	6672.7	6693.1	6779.3	6865.6	6886.1	6904.3	6986.0	7065.4	6915.6	6765.7	6699.9
12.5°	5206.0	5097.0	5108.3	5117.5	5158.4	5196.9	5283.2	5367.2	5305.9	5242.3	5249.1
15°	4216.1	4077.6	4020.8	3961.8	4007.2	4052.6	4113.9	4173.0	4175.2	4175.2	4234.3
17.5°	3441.9	3371.6	3314.7	3255.8	3317.1	3376.0	3382.9	3389.7	3392.0	3394.2	3389.7
20°	2819.8	2853.9	2835.7	2817.6	2840.3	2860.7	2878.9	2894.7	2874.3	2851.6	2794.8
22.5°	2472.4	2502.0	2524.7	2545.1	2583.7	2620.0	2601.8	2581.4	2540.5	2497.4	2454.3
25°	2270.4	2290.9	2313.5	2336.2	2368.0	2397.5	2365.8	2334.0	2304.5	2274.9	2245.4
27.5°	2100.1	2120.6	2141.0	2159.1	2188.7	2215.9	2186.3	2156.9	2131.8	2106.9	2084.2
30°	1961.7	1975.3	1991.1	2007.0	2034.2	2059.3	2034.2	2007.0	1988.9	1968.5	1952.5
32.5°	1843.5	1857.1	1864.0	1870.8	1895.8	1920.8	1902.6	1884.4	1868.5	1852.7	1841.3
35°	1714.1	1741.3	1745.9	1750.5	1775.4	1800.4	1789.0	1775.4	1757.3	1739.1	1718.7
37.5°	1582.4	1614.3	1632.4	1648.3	1673.2	1698.2	1686.9	1675.6	1650.6	1625.6	1589.3
40°	1471.2	1484.8	1518.9	1550.7	1591.5	1630.1	1607.4	1582.4	1543.9	1505.3	1487.1
42.5°	1378.1	1375.9	1407.7	1439.4	1500.7	1559.8	1518.9	1478.0	1441.7	1405.3	1400.9
45°	1296.4	1289.5	1305.5	1321.4	1387.2	1450.8	1409.9	1366.8	1346.4	1325.9	1325.9
47.5°	1223.8	1219.2	1230.6	1239.6	1280.5	1319.1	1298.7	1278.3	1266.9	1255.5	1257.8
50°	1157.9	1153.3	1164.7	1173.7	1189.7	1203.3	1207.8	1210.1	1203.3	1196.5	1201.0
52.5°	1096.6	1096.6	1101.1	1103.4	1123.8	1144.3	1144.3	1142.0	1142.0	1142.0	1146.5
55°	1044.4	1048.9	1048.9	1048.9	1080.7	1110.2	1101.1	1092.1	1094.3	1094.3	1098.9
57.5°	992.2	999.0	1003.5	1008.0	1039.8	1071.7	1062.5	1053.5	1053.5	1053.5	1055.7
60°	933.1	942.2	951.3	960.3	992.2	1024.0	1014.8	1003.5	1005.8	1008.0	1010.4
62.5°	876.4	885.4	894.6	903.6	935.4	967.2	958.1	946.7	953.5	958.1	958.1
65°	821.9	828.7	837.7	846.9	876.4	905.8	896.8	887.8	896.8	903.6	908.2
67.5°	760.6	765.1	774.2	783.2	812.8	842.3	833.3	821.9	833.3	842.3	851.4
70°	690.2	694.7	706.1	715.1	744.7	774.2	762.8	751.5	762.8	774.2	783.2
72.5°	613.0	617.5	628.9	638.0	672.0	706.1	692.5	678.8	692.5	706.1	710.6
75°	529.0	533.5	547.2	558.6	592.6	626.7	615.3	601.7	613.0	624.3	626.7
77.5°	438.2	445.0	463.2	481.3	508.5	535.8	529.0	522.2	529.0	535.8	535.8
80°	342.8	349.6	372.3	392.7	408.7	424.6	426.8	429.1	431.4	433.6	431.4
82.5°	254.3	263.3	283.8	304.2	304.2	304.2	322.4	338.2	338.2	336.0	333.8
85°	156.7	168.1	186.2	204.3	193.0	181.7	211.2	238.4	238.4	236.1	231.6
87.5°	31.8	43.1	61.3	77.2	65.9	54.5	84.0	113.6	115.8	115.8	111.2
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: P383705
 CATALOG NUMBER: GAN-SA9D-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: P383705

CATALOG NUMBER: GAN-SA9D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3
2.5°	14510.0	14687.1	14861.9	14907.4	14975.5	15005.0	15032.2	15254.7	15475.0	15733.7	15992.5
5°	11622.1	11753.8	11885.4	11905.9	11976.3	12012.6	12048.9	12319.1	12587.0	12948.0	13309.0
7.5°	8759.2	8790.9	8822.7	8818.1	8877.2	8956.6	9033.9	9322.2	9608.3	9996.5	10382.5
10°	6634.0	6706.7	6777.1	6843.0	6972.4	7122.1	7269.8	7564.9	7860.0	8243.7	8625.2
12.5°	5256.0	5339.9	5421.7	5494.4	5644.2	5844.0	6041.5	6395.6	6749.8	7208.5	7664.8
15°	4291.0	4284.2	4277.4	4327.3	4459.0	4677.0	4892.7	5267.2	5641.9	6145.9	6647.7
17.5°	3385.2	3351.1	3317.1	3355.6	3478.2	3657.6	3834.7	4152.6	4468.1	4956.2	5444.3
20°	2738.1	2715.4	2692.6	2729.0	2806.2	2881.1	2956.1	3185.3	3412.4	3809.7	4204.7
22.5°	2408.9	2406.6	2402.1	2422.5	2458.8	2497.4	2533.7	2645.0	2753.9	3010.5	3264.8
25°	2215.9	2213.6	2211.3	2220.4	2250.0	2279.5	2308.9	2381.6	2454.3	2576.8	2699.4
27.5°	2061.5	2057.0	2052.4	2054.7	2061.5	2106.9	2150.0	2184.1	2215.9	2299.9	2381.6
30°	1936.6	1934.4	1932.1	1932.1	1925.3	1941.2	1957.1	2009.3	2059.3	2145.5	2231.8
32.5°	1829.9	1818.6	1807.2	1782.2	1766.4	1789.0	1811.8	1866.3	1920.8	2000.2	2079.7
35°	1696.0	1666.4	1634.7	1621.1	1623.3	1646.0	1668.8	1723.2	1775.4	1861.7	1945.7
37.5°	1550.7	1541.6	1530.3	1527.9	1534.8	1557.5	1580.2	1627.9	1673.2	1759.5	1843.5
40°	1469.0	1464.4	1459.8	1455.4	1459.8	1482.6	1505.3	1550.7	1593.8	1677.8	1759.5
42.5°	1396.3	1394.1	1391.7	1391.7	1394.1	1419.0	1444.0	1489.4	1532.5	1607.4	1682.4
45°	1325.9	1328.2	1328.2	1332.7	1339.6	1364.5	1387.2	1437.2	1487.1	1559.8	1632.4
47.5°	1260.1	1266.9	1271.4	1282.7	1289.5	1316.8	1341.8	1396.3	1450.8	1541.6	1630.1
50°	1203.3	1210.1	1214.6	1223.8	1241.9	1273.7	1305.5	1371.3	1434.9	1587.0	1736.9
52.5°	1151.1	1157.9	1164.7	1173.7	1196.5	1232.8	1269.1	1350.8	1430.3	1607.4	1784.6
55°	1103.4	1110.2	1114.8	1128.4	1151.1	1182.9	1212.4	1312.3	1412.1	1541.6	1671.0
57.5°	1058.0	1064.9	1069.3	1078.5	1089.8	1123.8	1155.6	1262.3	1369.0	1459.8	1548.4
60°	1010.4	1014.8	1017.2	1017.2	1026.2	1064.9	1103.4	1239.6	1373.6	1357.7	1339.6
62.5°	958.1	962.7	964.9	958.1	969.5	1010.4	1051.2	1228.2	1405.3	1296.4	1187.4
65°	910.4	908.2	905.8	899.0	912.7	953.5	992.2	1080.7	1169.3	1126.1	1083.0
67.5°	858.2	851.4	844.5	835.5	849.1	885.4	919.5	949.1	978.5	983.1	987.6
70°	792.4	783.2	774.2	772.0	778.8	808.2	837.7	858.2	876.4	885.4	892.2
72.5°	715.1	708.3	701.5	697.0	699.3	724.3	746.9	765.1	783.2	790.1	794.6
75°	628.9	628.9	626.7	613.0	613.0	633.5	651.6	667.5	683.4	692.5	701.5
77.5°	535.8	538.1	538.1	519.9	517.7	538.1	556.2	569.8	581.2	590.3	597.1
80°	429.1	424.6	420.0	408.7	404.1	429.1	451.8	463.2	472.2	474.5	474.5
82.5°	329.2	320.1	308.8	283.8	286.1	313.3	338.2	347.4	356.4	356.4	356.4
85°	224.8	206.6	186.2	165.7	168.1	197.5	224.8	233.8	242.9	247.5	249.7
87.5°	106.7	88.6	68.1	52.3	52.3	77.2	99.9	104.4	109.0	118.0	127.2
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: P383705
 CATALOG NUMBER: GAN-SA9D-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: P383705

CATALOG NUMBER: GAN-SA9D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3
2.5°	16190.1	16385.4	16587.4	16789.5	17021.1	17252.6	17522.8	17790.7	18020.0	18249.3	18440.1
5°	13620.1	13931.1	14296.6	14662.1	15127.6	15593.0	16162.8	16730.4	17236.7	17743.0	18331.1
7.5°	10788.8	11193.0	11669.8	12146.5	12748.2	13349.8	14087.7	14825.6	15540.7	16253.6	17157.2
10°	9049.7	9474.3	9944.3	10412.0	11025.0	11635.7	12416.7	13195.5	13999.2	14800.6	15822.3
12.5°	8137.1	8607.0	9020.3	9433.4	9930.7	10425.6	11181.6	11937.7	12882.2	13824.4	14807.4
15°	7163.0	7676.1	8171.1	8666.1	9208.6	9749.0	10484.7	11220.2	12253.3	13286.3	14416.9
17.5°	5984.7	6525.1	7129.0	7730.6	8439.0	9145.1	10087.3	11029.5	12253.3	13474.7	14807.4
20°	4756.5	5308.1	6030.1	6752.1	7633.0	8511.6	9733.1	10954.6	12602.9	14249.0	15949.4
22.5°	3752.9	4238.8	5026.6	5812.2	6829.3	7846.4	9413.0	10977.3	13131.9	15284.2	17579.6
25°	3042.3	3385.2	4159.4	4931.2	6105.1	7278.8	9217.8	11154.4	13901.6	16646.5	19493.5
27.5°	2606.4	2831.2	3553.1	4272.8	5555.7	6836.2	9138.3	11438.2	14877.8	18317.5	21575.5
30°	2388.5	2545.1	3155.8	3764.3	5067.5	6370.7	9042.9	11715.1	15817.8	19918.1	23203.3
32.5°	2206.8	2331.7	2853.9	3373.8	4645.2	5916.6	8859.0	11799.2	16473.9	21148.6	24581.4
35°	2052.4	2156.9	2610.9	3065.0	4313.7	5562.5	8550.3	11538.1	16884.9	22231.6	26016.4
37.5°	1927.6	2009.3	2429.3	2849.3	4027.6	5206.0	8198.4	11190.7	17250.4	23310.0	27630.5
40°	1829.9	1900.3	2293.1	2685.8	3755.3	4824.6	7896.4	10966.0	17754.4	24542.8	29335.6
42.5°	1775.4	1866.3	2175.1	2481.5	3496.4	4511.2	7653.5	10795.7	18222.1	25646.3	30827.2
45°	1761.8	1891.2	2113.7	2336.2	3303.4	4270.6	7437.8	10602.7	18524.0	26445.4	31951.1
47.5°	1739.1	1845.9	2066.1	2286.3	3208.1	4127.6	7322.0	10514.1	18826.0	27135.6	32884.2
50°	1752.7	1766.4	2027.4	2286.3	3194.5	4102.5	7453.7	10804.7	19479.9	28152.8	33951.3
52.5°	1727.7	1668.8	1954.8	2240.8	3192.1	4143.4	7832.8	11522.2	20694.5	29864.6	35107.0
55°	1596.1	1518.9	1818.6	2118.2	3144.4	4168.4	8284.6	12398.5	22324.6	32248.5	37184.3
57.5°	1480.3	1409.9	1664.2	1916.2	2999.2	4082.1	8750.0	13415.7	24047.9	34677.8	39525.1
60°	1325.9	1310.0	1491.7	1673.2	2774.4	3873.3	9133.7	14391.9	25205.8	36017.4	40426.5
62.5°	1198.7	1207.8	1341.8	1475.8	2492.9	3507.7	9260.9	15011.8	25174.0	35336.2	39518.3
65°	1101.1	1117.0	1248.7	1380.4	2252.2	3124.0	8843.2	14560.0	23900.3	33238.4	37722.4
67.5°	1005.8	1024.0	1180.6	1335.0	2038.8	2740.3	7798.7	12854.9	21609.5	30361.8	35438.4
70°	915.0	937.7	1108.0	1278.3	1884.4	2488.3	6452.5	10416.5	18742.0	27065.2	32793.4
72.5°	817.3	840.1	1021.6	1203.3	1786.8	2368.0	5260.4	8150.7	15209.3	22265.7	28050.6
75°	717.5	733.3	930.9	1126.1	1652.8	2179.5	4127.6	6073.3	11640.2	17207.3	21187.2
77.5°	617.5	638.0	803.7	967.2	1403.1	1836.7	3110.4	4384.1	8541.2	12696.0	14734.8
80°	492.7	510.9	628.9	744.7	1083.0	1419.0	2138.7	2858.5	5878.1	8897.6	10046.5
82.5°	376.9	397.3	476.8	554.0	772.0	989.9	1296.4	1602.9	3905.0	6204.9	6300.3
85°	258.8	265.7	322.4	376.9	476.8	576.7	742.4	908.2	2583.7	4259.2	3548.6
87.5°	129.4	129.4	168.1	206.6	256.5	306.5	392.7	476.8	826.4	1176.1	676.6
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: P383705
 CATALOG NUMBER: GAN-SA9D-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: P383705

CATALOG NUMBER: GAN-SA9D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3
2.5°	18682.9	18848.7	19016.7	19143.9	19273.3	19459.5	19645.6	19679.7	19716.0	19643.4	19570.7
5°	18923.6	19425.4	19929.4	20394.8	20860.2	21139.5	21418.8	21475.5	21532.4	21357.5	21180.4
7.5°	18031.4	18905.5	19779.6	20581.1	21382.5	21868.4	22356.5	22465.4	22576.7	22290.6	22004.6
10°	16839.4	17913.3	18987.2	20042.9	21098.6	21804.7	22510.8	22651.6	22792.4	22436.0	22079.4
12.5°	15917.6	17064.2	18210.7	19323.2	20438.0	21169.0	21900.1	22074.9	22249.7	21991.0	21729.8
15°	15633.9	16712.2	17790.7	18760.2	19731.9	20329.0	20928.4	20998.8	21071.4	21030.5	20989.7
17.5°	16149.2	17123.2	18099.5	18626.2	19155.2	19393.6	19634.2	19711.5	19790.9	19893.1	19997.5
20°	17398.0	18083.6	18771.5	18748.8	18723.8	18608.0	18490.0	18469.5	18449.1	18742.0	19037.2
22.5°	19261.9	19534.4	19809.1	19171.1	18533.1	18144.9	17754.4	17677.2	17597.8	17908.8	18222.1
25°	21284.8	21234.9	21182.6	19968.0	18751.1	18010.9	17270.8	17184.5	17098.3	17363.9	17631.8
27.5°	23287.3	22960.4	22633.4	20982.8	19332.3	18258.4	17184.5	17098.3	17012.0	17248.1	17484.2
30°	24756.3	24231.8	23707.3	21838.8	19970.2	18694.3	17418.4	17277.6	17134.6	17425.2	17715.8
32.5°	25902.8	25199.0	24495.1	22533.6	20571.9	19191.6	17811.2	17590.9	17370.7	17758.9	18147.2
35°	27047.0	26057.2	25065.1	23153.3	21239.5	19779.6	18317.5	18047.2	17777.1	18310.6	18844.2
37.5°	28486.4	27065.2	25641.7	23850.3	22059.0	20660.5	19259.7	18982.7	18705.7	19384.5	20065.6
40°	30048.5	28152.8	26257.0	24613.3	22969.4	21879.6	20787.6	20524.2	20258.6	21085.0	21911.5
42.5°	31347.1	29165.4	26983.5	25532.7	24079.7	23312.3	22542.6	22540.4	22535.8	23373.6	24211.4
45°	32402.9	30009.9	27614.7	26429.5	25242.1	24842.5	24443.0	24763.1	25083.2	25839.2	26597.5
47.5°	33190.8	30718.2	28243.6	27455.7	26667.9	26726.9	26786.0	27437.5	28089.1	28575.0	29063.2
50°	33703.9	31360.8	29015.5	28772.5	28529.6	29058.6	29589.9	30336.9	31086.1	31417.6	31749.0
52.5°	34450.8	32232.6	30012.2	30284.6	30557.1	31637.8	32718.5	33474.5	34230.6	34353.1	34478.1
55°	36178.5	33835.5	31490.2	32012.4	32536.8	34121.6	35708.5	36298.9	36889.2	36934.6	36980.0
57.5°	38632.9	36080.9	33529.0	34092.0	34655.2	36485.1	38317.3	38952.9	39591.0	39502.4	39411.5
60°	40469.6	38212.8	35953.7	36521.3	37089.0	38873.5	40658.0	41389.0	42122.4	41927.2	41731.9
62.5°	40583.1	39377.5	38169.7	38682.8	39198.1	40946.4	42694.5	43446.1	44197.6	43857.0	43516.4
65°	38778.1	39318.5	39858.9	40029.1	40199.4	41829.6	43461.9	44036.3	44613.0	44440.5	44267.9
67.5°	36292.1	38283.2	40276.6	39933.8	39591.0	40356.0	41121.1	41713.8	42306.3	42208.7	42108.7
70°	33810.5	36469.2	39127.8	37443.2	35756.2	35440.6	35125.1	35763.0	36403.3	36008.2	35610.9
72.5°	29585.4	32418.8	35254.5	32150.9	29047.2	27968.9	26890.4	27701.0	28511.5	27882.5	27251.4
75°	23223.8	26354.6	29487.8	25784.8	22081.8	20642.3	19202.9	19899.9	20596.9	20165.5	19731.9
77.5°	17289.0	20374.4	23459.8	19695.5	15929.0	14859.7	13788.0	13994.6	14203.5	14130.8	14055.9
80°	11726.5	13876.6	16028.9	13522.4	11015.9	11097.6	11181.6	11084.0	10984.1	11129.4	11274.7
82.5°	7483.2	9142.9	10804.7	9474.3	8143.9	8906.7	9669.6	9295.0	8918.1	9056.6	9197.4
85°	4270.6	5893.9	7519.5	7008.7	6495.6	6940.6	7387.8	6806.6	6225.3	6479.7	6736.2
87.5°	1126.1	3260.2	5396.7	4899.5	4402.3	3825.6	3249.0	2479.2	1709.6	2497.4	3285.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P383705

CATALOG NUMBER: GAN-SA9D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3	17300.3
2.5°	19532.1	19493.5	19355.0	19214.3	19005.3	18832.8	18533.1
5°	20935.2	20690.0	20267.7	19843.2	19370.9	18828.3	18226.7
7.5°	21432.4	20858.0	20047.5	19234.7	18503.6	17645.4	16846.2
10°	21221.3	20360.7	19307.3	18251.6	17363.9	16376.2	15488.6
12.5°	20817.1	19902.1	18742.0	17579.6	16569.3	15509.0	14514.5
15°	20260.9	19529.8	18442.3	17354.8	16337.7	15306.9	14128.6
17.5°	19652.4	19305.0	18519.5	17731.7	16850.8	15851.8	14469.2
20°	19162.0	19289.2	18975.8	18662.5	17956.4	17084.6	15531.7
22.5°	18830.6	19441.3	19681.9	19924.9	19500.3	18819.2	17023.3
25°	18644.4	19657.0	20462.9	21271.2	21082.8	20558.3	18835.1
27.5°	18726.2	19968.0	21219.0	22472.3	22647.0	22501.7	20744.4
30°	18971.3	20229.1	21752.6	23278.3	23975.2	24170.5	22336.0
32.5°	19380.0	20612.8	22272.5	23934.3	24987.8	25609.9	23791.4
35°	19997.5	21150.9	22881.0	24610.9	25973.1	27108.4	25294.3
37.5°	21057.8	22049.9	23646.0	25244.4	27010.8	28715.8	26949.4
40°	22610.7	23312.3	24660.9	26011.8	28234.5	30536.6	28795.3
42.5°	24570.0	24931.1	26000.4	27069.7	29512.7	32189.4	30600.2
45°	26692.8	26788.2	27460.3	28134.6	30525.3	33315.6	31955.6
47.5°	28736.2	28409.3	28677.2	28945.1	31301.8	34119.3	32984.1
50°	30838.6	29928.2	29787.4	29646.7	32078.2	35066.1	34291.9
52.5°	32977.3	31476.6	30920.3	30361.8	33004.5	36321.6	35919.7
55°	35070.6	33161.2	32412.0	31662.7	34421.2	37854.1	38310.5
57.5°	37247.9	35084.2	34389.5	33694.7	36503.2	39795.2	40455.9
60°	39591.0	37447.7	36891.4	36333.0	39091.5	41893.1	41411.8
62.5°	41813.6	40110.9	39818.0	39522.8	41709.2	43505.0	41039.4
65°	43298.4	42326.7	42599.2	42873.9	43688.9	43906.9	39949.6
67.5°	42306.3	42503.8	43654.9	44808.3	44247.5	42712.7	37801.8
70°	36793.8	37978.9	40705.6	43434.7	42190.5	39513.7	33946.7
72.5°	28581.8	29914.6	33962.6	38013.0	36866.5	33588.1	27882.5
75°	21234.9	22740.1	27208.3	31676.3	30084.8	25124.0	19963.4
77.5°	15064.0	16072.0	20483.4	24897.0	22302.0	16723.6	13433.8
80°	10966.0	10657.2	13116.0	15574.8	15143.4	11061.3	8627.4
82.5°	8443.5	7689.7	8847.7	10005.6	9942.0	7676.1	6329.9
85°	6434.3	6132.3	7156.2	8180.2	7303.8	5199.2	4023.1
87.5°	3750.7	4218.3	5423.9	6631.8	4976.7	1577.9	781.0
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: P383705
 CATALOG NUMBER: GAN-SA9D-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)