

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: P383481

Luminaire Tested: **GAN-SA7D-735-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383481
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA7D-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 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: 44929.5 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

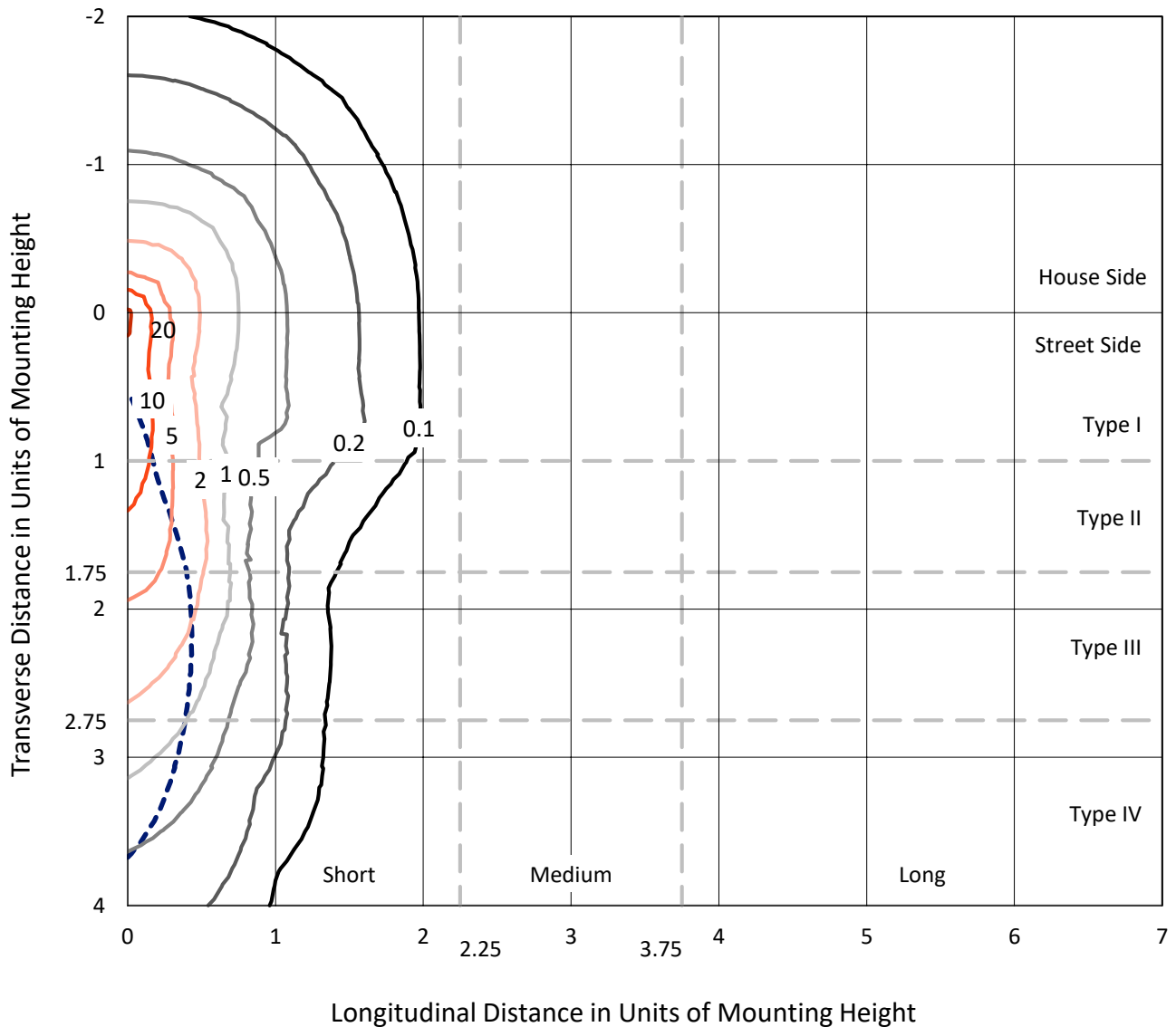
Input Watts (W): 448
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

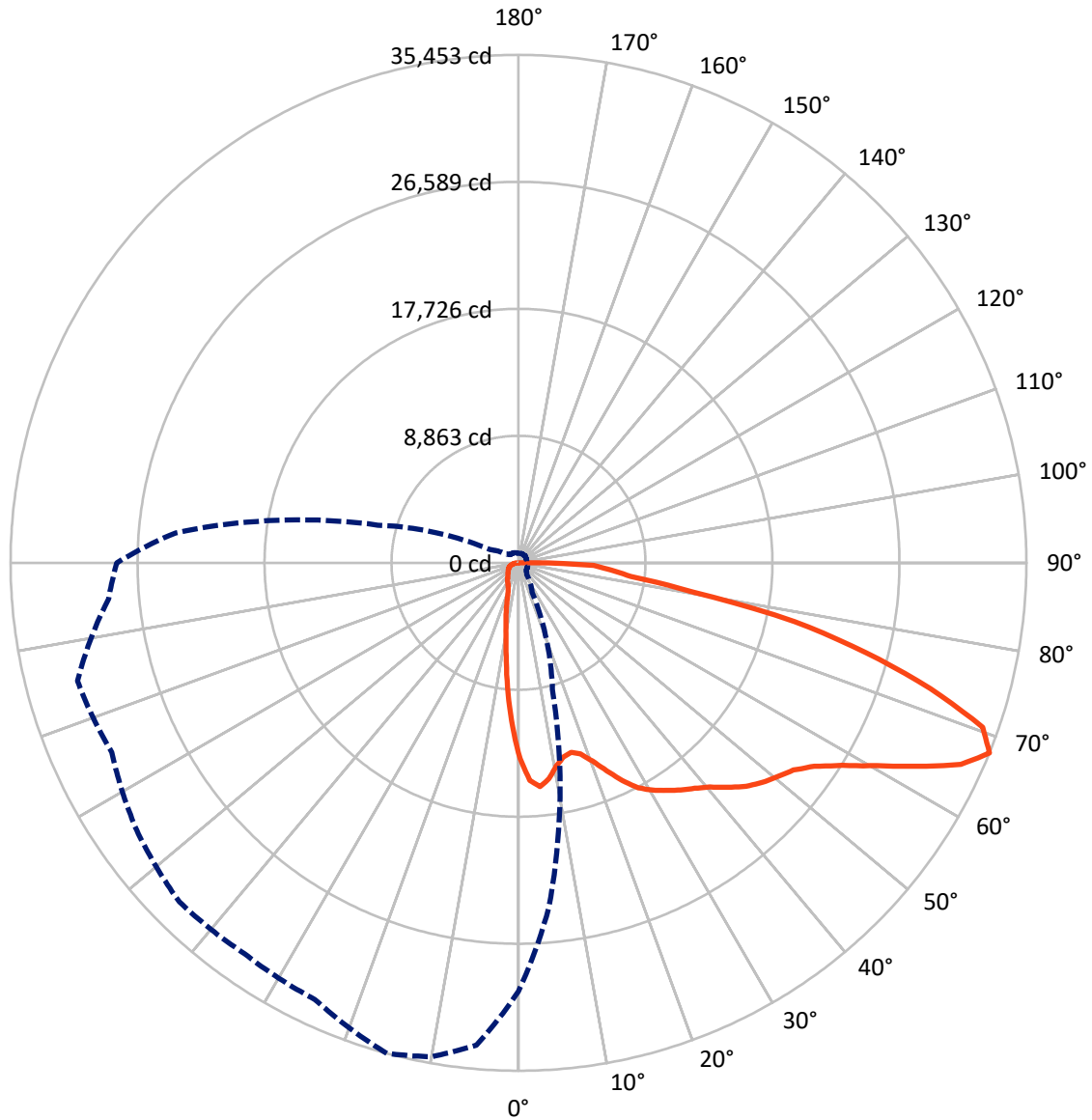
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 21.9 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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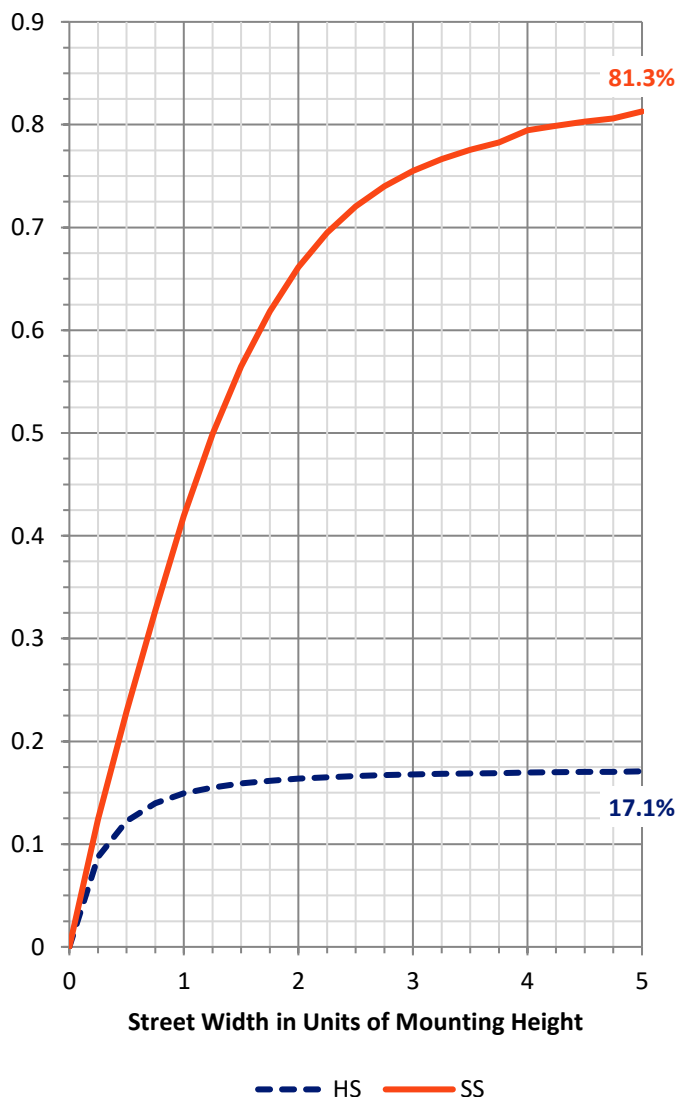
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7767.4	0.0	7767.4
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	37162.1	0.0	37162.1
	% Fixture	82.7	0.0	82.7
Total	Lumens	44929.5	0.0	44929.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1056.4	2.4
10°-20°	2194.6	4.9
20°-30°	3121.2	6.9
30°-40°	4497.6	10.0
40°-50°	6338.4	14.1
50°-60°	8811.5	19.6
60°-70°	10655.7	23.7
70°-80°	6549.9	14.6
80°-90°	1704.3	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°	44929.5	100.0
0°-180°	44929.5	100.0

Coefficient of Utilization

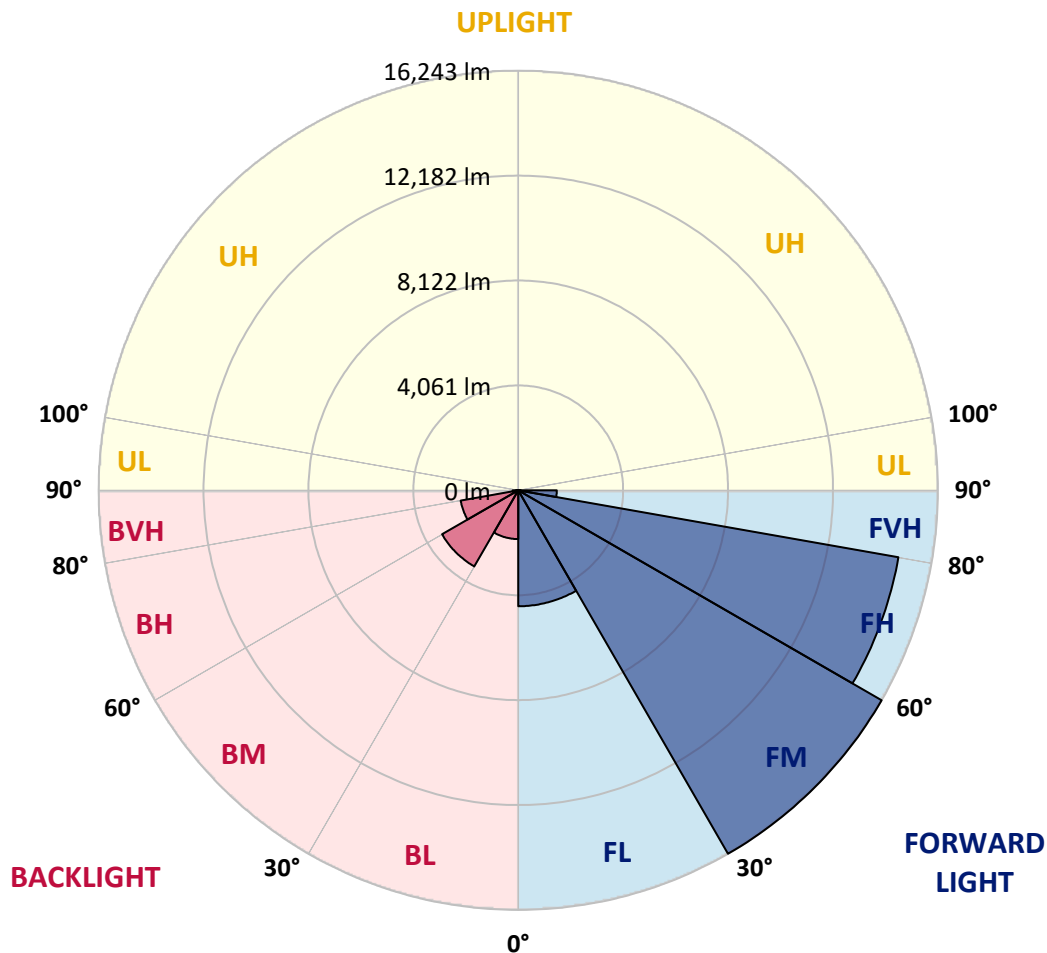


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4486.3	10.0			
FM (30°-60°)	16243.1	36.2			
FH (60°-80°)	14942.0	33.3			G5
FVH (80°-90°)	1490.7	3.3			G5
BL (0°-30°)	1885.8	4.2	B3/2500		
BM (30°-60°)	3404.3	7.6	B3/5000		
BH (60°-80°)	2263.5	5.0	B3/2500		G3/2500
BVH (80°-90°)	213.6	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°	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1
2.5°	14663.5	14534.2	14338.4	14142.6	13997.1	13849.8	13682.7	13515.6	13325.2	13133.1	13019.9
5°	14421.0	14061.7	13594.6	13127.6	12818.7	12509.7	12159.4	11809.1	11462.4	11115.7	10928.9
7.5°	13328.8	12789.9	12182.8	11575.6	11126.5	10675.6	10190.6	9703.8	9272.7	8839.7	8572.1
10°	12254.6	11607.9	10910.9	10212.2	9637.3	9062.5	8575.7	8087.1	7761.9	7436.8	7190.7
12.5°	11483.9	10767.2	10000.2	9231.4	8656.5	8081.7	7772.7	7463.7	7194.3	6924.8	6641.1
15°	11178.6	10368.4	9583.5	8796.7	8273.9	7751.2	7408.1	7063.2	6702.1	6339.3	5990.8
17.5°	11448.1	10499.6	9646.4	8793.1	8108.7	7424.2	6944.6	6463.2	5987.1	5511.1	5107.0
20°	12288.7	11078.0	9962.4	8845.1	7934.5	7023.7	6380.5	5735.7	5124.9	4514.2	4056.1
22.5°	13469.0	11866.6	10409.8	8952.9	7776.4	6598.0	5791.4	4983.0	4260.9	3538.8	3089.7
25°	14902.4	12912.1	11054.7	9195.4	7711.6	6226.1	5234.6	4242.9	3481.3	2717.9	2398.1
27.5°	16413.1	14158.7	11855.8	9551.2	7722.4	5893.8	4765.7	3635.7	2949.6	2263.4	2044.2
30°	17672.4	15583.2	12789.9	9994.9	7763.8	5532.7	4323.8	3114.8	2549.0	1983.2	1841.2
32.5°	18823.8	16576.6	13494.0	10409.8	7810.5	5209.4	3982.5	2753.7	2292.2	1828.6	1711.9
35°	20013.0	17458.6	13986.3	10512.1	7729.6	4945.3	3748.9	2552.6	2126.8	1699.3	1600.5
37.5°	21322.5	18412.4	14460.5	10506.7	7593.1	4679.4	3567.5	2453.8	2019.0	1582.6	1510.7
40°	22783.0	19466.9	14974.3	10481.6	7469.1	4454.9	3432.8	2408.9	1959.8	1508.9	1447.8
42.5°	24211.0	20472.8	15452.0	10431.3	7368.5	4304.0	3299.9	2295.7	1905.9	1514.3	1428.1
45°	25283.4	21351.3	15867.1	10381.0	7293.1	4205.2	3195.7	2186.2	1855.6	1525.1	1415.5
47.5°	26097.1	22233.2	16326.9	10418.7	7285.9	4153.1	3122.0	2091.0	1760.4	1428.1	1383.2
50°	27131.9	23293.1	16996.9	10700.8	7384.8	4068.7	3035.8	2001.2	1668.8	1336.5	1397.5
52.5°	28419.8	24805.6	18035.2	11263.1	7591.3	3919.6	2899.3	1878.9	1557.5	1234.1	1329.3
55°	30311.3	26743.8	19362.7	11979.8	7841.0	3700.5	2692.7	1683.1	1410.1	1135.3	1219.7
57.5°	32008.9	28701.8	20636.3	12569.0	7997.2	3423.8	2432.3	1440.6	1244.8	1049.0	1097.5
60°	32765.1	29711.4	21232.7	12752.1	7903.9	3055.6	2139.4	1221.5	1099.3	977.2	968.3
62.5°	32470.6	29070.1	20645.2	12220.5	7447.6	2674.8	1880.8	1086.7	995.2	901.7	882.0
65°	31608.3	27054.6	18999.8	10945.0	6677.0	2408.9	1717.3	1025.7	923.3	820.9	799.4
67.5°	29909.0	24185.9	16668.2	9150.5	5698.0	2245.4	1623.9	1002.3	878.4	752.7	727.5
70°	26858.8	20733.3	13982.7	7230.2	4688.5	2144.8	1562.9	980.8	829.9	677.2	653.9
72.5°	22060.8	16623.3	11166.0	5706.9	3919.6	2132.2	1555.6	979.0	790.4	601.8	580.3
75°	15795.1	12626.5	8523.6	4419.0	3210.0	2001.2	1476.6	952.0	736.5	519.2	499.4
77.5°	10629.0	8739.1	5924.3	3107.6	2382.0	1656.2	1241.3	826.3	630.5	434.8	414.9
80°	6826.1	6048.3	3969.9	1891.5	1544.9	1198.2	887.4	576.6	459.9	341.3	325.1
82.5°	5008.2	4501.6	2759.2	1016.7	858.6	698.8	542.5	386.2	314.4	242.5	235.3
85°	3183.1	3510.1	2031.6	553.2	452.6	352.1	291.0	229.9	181.5	132.9	132.9
87.5°	617.9	855.1	562.3	267.6	195.8	124.0	106.0	86.3	48.5	8.9	10.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1
2.5°	12904.9	12780.9	12656.9	12516.8	12375.0	12243.8	12110.9	11965.4	11992.4	11881.0	11769.5
5°	10742.0	10544.5	10345.1	10172.7	10000.2	9851.1	9700.2	9565.5	9682.2	9603.2	9524.1
7.5°	8302.7	8058.4	7812.2	7605.7	7399.1	7239.2	7077.5	6966.2	7081.2	7066.8	7052.4
10°	6944.6	6707.5	6468.6	6240.4	6012.3	5818.4	5622.5	5457.3	5428.5	5345.9	5261.5
12.5°	6355.4	6030.3	5703.4	5464.5	5225.5	4993.8	4762.1	4568.1	4480.1	4343.5	4205.2
15°	5642.3	5257.8	4873.5	4602.2	4329.2	4104.6	3878.3	3711.2	3655.6	3549.6	3443.6
17.5°	4702.8	4282.4	3862.1	3587.3	3310.6	3131.0	2949.6	2838.2	2838.2	2807.7	2777.1
20°	3598.1	3222.6	2847.2	2637.0	2426.9	2331.7	2234.6	2187.9	2202.3	2204.1	2204.1
22.5°	2638.8	2408.9	2179.0	2094.5	2008.3	1974.1	1940.0	1920.3	1927.5	1929.2	1931.1
25°	2078.4	1990.3	1900.5	1857.4	1812.5	1790.9	1769.4	1762.2	1778.4	1780.2	1780.2
27.5°	1825.1	1771.2	1715.5	1688.5	1659.8	1650.8	1641.9	1629.3	1645.5	1645.5	1643.6
30°	1697.6	1640.1	1582.6	1548.4	1514.3	1517.9	1519.7	1516.1	1526.9	1534.1	1539.5
32.5°	1593.3	1537.7	1482.0	1447.8	1411.9	1406.5	1401.1	1397.5	1420.9	1433.5	1446.0
35°	1500.0	1438.9	1377.8	1345.4	1313.1	1300.5	1288.0	1279.0	1300.5	1316.7	1332.9
37.5°	1437.1	1374.2	1309.6	1279.0	1246.7	1230.5	1214.4	1203.6	1212.5	1219.7	1226.9
40°	1386.8	1322.1	1255.6	1219.7	1183.8	1167.6	1151.5	1142.4	1147.9	1149.6	1151.5
42.5°	1340.0	1277.2	1214.4	1174.8	1133.5	1113.8	1094.0	1083.2	1086.7	1090.4	1092.1
45°	1305.9	1243.1	1178.4	1131.7	1083.2	1061.6	1040.1	1027.5	1029.3	1029.3	1029.3
47.5°	1338.3	1246.7	1153.3	1099.3	1043.7	1018.6	993.4	980.8	977.2	973.7	970.0
50°	1456.8	1300.5	1142.4	1074.2	1004.1	977.2	948.5	934.1	925.1	921.5	917.9
52.5°	1422.7	1288.0	1151.5	1063.5	973.7	941.2	908.9	885.6	876.6	871.2	865.9
55°	1302.3	1217.9	1131.7	1025.7	919.7	891.0	860.5	844.3	828.1	824.5	820.9
57.5°	1144.2	1110.1	1076.0	968.3	860.5	833.5	804.8	794.0	779.6	779.6	777.8
60°	957.4	1007.7	1058.1	934.1	808.4	777.8	747.3	738.3	732.9	731.1	729.3
62.5°	860.5	943.1	1024.0	892.8	759.9	727.5	695.2	684.4	682.6	684.4	684.4
65°	777.8	803.0	828.1	767.0	705.9	673.6	639.5	628.7	632.3	637.7	643.0
67.5°	702.4	697.0	691.6	670.1	646.7	619.8	591.0	580.3	582.0	589.2	596.4
70°	630.5	623.3	614.4	598.1	582.0	558.6	535.3	528.1	526.3	535.3	542.5
72.5°	558.6	549.7	538.9	526.3	512.0	492.2	472.5	467.1	468.8	474.3	479.7
75°	479.7	472.5	463.4	452.6	440.1	422.2	404.2	400.6	404.2	409.6	414.9
77.5°	393.4	391.6	388.0	379.0	370.0	350.3	328.7	327.0	332.3	337.7	341.3
80°	307.1	309.0	310.8	303.6	296.4	274.8	251.5	249.7	255.1	260.5	265.9
82.5°	226.4	231.8	235.3	226.4	217.3	192.2	167.0	163.5	181.5	186.8	192.2
85°	131.2	138.3	145.5	138.3	131.2	106.0	80.9	79.0	95.2	104.1	113.2
87.5°	10.8	14.3	18.0	16.2	14.3	7.2	0.0	0.0	1.8	8.9	16.2
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: P383481
 CATALOG NUMBER: GAN-SA7D-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: P383481

CATALOG NUMBER: GAN-SA7D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1
2.5°	11699.5	11629.4	11607.9	11586.4	11507.3	11426.5	11509.1	11589.9	11624.1	11658.2	11570.2
5°	9513.4	9500.9	9500.9	9499.0	9427.2	9353.5	9409.2	9463.1	9342.8	9222.4	9209.8
7.5°	7129.7	7206.9	7269.8	7330.8	7307.5	7284.1	7336.2	7388.3	7235.6	7081.2	7005.7
10°	5279.5	5295.6	5363.9	5432.1	5448.2	5462.7	5527.3	5590.2	5471.6	5353.0	5301.0
12.5°	4119.0	4032.8	4041.8	4049.0	4081.3	4111.9	4180.0	4246.6	4198.0	4147.7	4153.1
15°	3335.8	3226.2	3181.3	3134.6	3170.5	3206.5	3254.9	3301.7	3303.5	3303.5	3350.1
17.5°	2723.3	2667.6	2622.7	2575.9	2624.4	2671.1	2676.5	2681.9	2683.7	2685.6	2681.9
20°	2231.1	2258.0	2243.6	2229.3	2247.2	2263.4	2277.7	2290.3	2274.2	2256.2	2211.3
22.5°	1956.2	1979.5	1997.5	2013.7	2044.2	2073.0	2058.6	2042.4	2010.1	1976.0	1941.8
25°	1796.3	1812.5	1830.5	1848.5	1873.6	1896.9	1871.8	1846.6	1823.3	1799.9	1776.6
27.5°	1661.6	1677.8	1693.9	1708.3	1731.7	1753.3	1729.9	1706.5	1686.8	1667.0	1649.0
30°	1552.1	1562.9	1575.3	1587.9	1609.5	1629.3	1609.5	1587.9	1573.6	1557.5	1544.9
32.5°	1458.6	1469.4	1474.8	1480.1	1500.0	1519.7	1505.3	1490.9	1478.4	1465.8	1456.8
35°	1356.2	1377.8	1381.4	1384.9	1404.8	1424.5	1415.5	1404.8	1390.3	1376.0	1359.8
37.5°	1252.0	1277.2	1291.6	1304.2	1323.9	1343.7	1334.7	1325.7	1305.9	1286.2	1257.4
40°	1164.1	1174.8	1201.8	1226.9	1259.3	1289.7	1271.8	1252.0	1221.5	1191.0	1176.6
42.5°	1090.4	1088.6	1113.8	1138.9	1187.4	1234.1	1201.8	1169.4	1140.7	1111.9	1108.4
45°	1025.7	1020.3	1032.9	1045.5	1097.5	1147.9	1115.5	1081.4	1065.2	1049.0	1049.0
47.5°	968.3	964.6	973.7	980.8	1013.2	1043.7	1027.5	1011.4	1002.3	993.4	995.2
50°	916.2	912.5	921.5	928.7	941.2	952.0	955.7	957.4	952.0	946.6	950.3
52.5°	867.6	867.6	871.2	873.0	889.2	905.4	905.4	903.6	903.6	903.6	907.1
55°	826.3	829.9	829.9	829.9	855.1	878.4	871.2	864.0	865.9	865.9	869.4
57.5°	785.0	790.4	794.0	797.6	822.7	847.9	840.7	833.5	833.5	833.5	835.3
60°	738.3	745.5	752.7	759.9	785.0	810.2	803.0	794.0	795.8	797.6	799.4
62.5°	693.4	700.6	707.8	715.0	740.1	765.3	758.1	749.1	754.5	758.1	758.1
65°	650.3	655.6	662.9	670.1	693.4	716.7	709.6	702.4	709.6	715.0	718.5
67.5°	601.8	605.3	612.6	619.8	643.0	666.4	659.3	650.3	659.3	666.4	673.6
70°	546.1	549.7	558.6	565.8	589.2	612.6	603.5	594.6	603.5	612.6	619.8
72.5°	485.1	488.6	497.5	504.8	531.7	558.6	547.8	537.1	547.8	558.6	562.3
75°	418.5	422.2	432.9	441.9	468.8	495.8	486.8	476.0	485.1	494.0	495.8
77.5°	346.7	352.1	366.5	380.8	402.3	423.9	418.5	413.1	418.5	423.9	423.9
80°	271.3	276.7	294.6	310.8	323.3	335.9	337.7	339.5	341.3	343.1	341.3
82.5°	201.2	208.4	224.5	240.7	240.7	240.7	255.1	267.6	267.6	265.9	264.1
85°	124.0	132.9	147.3	161.7	152.7	143.7	167.0	188.6	188.6	186.8	183.2
87.5°	25.2	34.1	48.5	61.1	52.1	43.1	66.4	89.8	91.6	91.6	88.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P383481
 CATALOG NUMBER: GAN-SA7D-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: P383481

CATALOG NUMBER: GAN-SA7D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1
2.5°	11480.4	11620.5	11758.8	11794.7	11848.6	11872.0	11893.5	12069.6	12243.8	12448.6	12653.4
5°	9195.4	9299.6	9403.8	9420.0	9475.7	9504.4	9533.2	9746.9	9958.9	10244.5	10530.1
7.5°	6930.2	6955.4	6980.6	6977.0	7023.7	7086.6	7147.6	7375.7	7602.1	7909.3	8214.7
10°	5248.9	5306.4	5362.1	5414.2	5516.5	5635.1	5751.8	5985.4	6218.9	6522.5	6824.2
12.5°	4158.5	4224.9	4289.7	4347.2	4465.7	4623.7	4780.1	5060.3	5340.5	5703.4	6064.5
15°	3395.1	3389.7	3384.3	3423.8	3528.0	3700.5	3871.1	4167.5	4463.9	4862.7	5259.7
17.5°	2678.3	2651.4	2624.4	2655.0	2752.0	2893.9	3034.1	3285.5	3535.2	3921.4	4307.6
20°	2166.4	2148.4	2130.4	2159.2	2220.3	2279.6	2338.8	2520.3	2699.9	3014.2	3326.8
22.5°	1905.9	1904.1	1900.5	1916.7	1945.4	1976.0	2004.7	2092.7	2179.0	2382.0	2583.1
25°	1753.3	1751.4	1749.6	1756.8	1780.2	1803.5	1826.9	1884.3	1941.8	2038.9	2135.9
27.5°	1631.0	1627.5	1623.9	1625.6	1631.0	1667.0	1701.1	1728.1	1753.3	1819.7	1884.3
30°	1532.3	1530.4	1528.7	1528.7	1523.3	1535.8	1548.4	1589.8	1629.3	1697.6	1765.8
32.5°	1447.8	1438.9	1429.9	1410.1	1397.5	1415.5	1433.5	1476.6	1519.7	1582.6	1645.5
35°	1341.9	1318.5	1293.4	1282.6	1284.4	1302.3	1320.3	1363.4	1404.8	1473.0	1539.5
37.5°	1226.9	1219.7	1210.7	1209.0	1214.4	1232.3	1250.2	1288.0	1323.9	1392.2	1458.6
40°	1162.2	1158.7	1155.0	1151.5	1155.0	1173.0	1191.0	1226.9	1261.0	1327.5	1392.2
42.5°	1104.7	1103.0	1101.2	1101.2	1103.0	1122.7	1142.4	1178.4	1212.5	1271.8	1331.1
45°	1049.0	1050.9	1050.9	1054.4	1059.8	1079.6	1097.5	1137.0	1176.6	1234.1	1291.6
47.5°	996.9	1002.3	1006.0	1014.9	1020.3	1041.8	1061.6	1104.7	1147.9	1219.7	1289.7
50°	952.0	957.4	961.1	968.3	982.6	1007.7	1032.9	1085.0	1135.3	1255.6	1374.2
52.5°	910.8	916.2	921.5	928.7	946.6	975.4	1004.1	1068.9	1131.7	1271.8	1411.9
55°	873.0	878.4	882.0	892.8	910.8	935.9	959.2	1038.3	1117.3	1219.7	1322.1
57.5°	837.1	842.5	846.0	853.3	862.2	889.2	914.3	998.8	1083.2	1155.0	1225.1
60°	799.4	803.0	804.8	804.8	811.9	842.5	873.0	980.8	1086.7	1074.2	1059.8
62.5°	758.1	761.6	763.4	758.1	767.0	799.4	831.7	971.8	1111.9	1025.7	939.5
65°	720.4	718.5	716.7	711.3	722.1	754.5	785.0	855.1	925.1	891.0	856.8
67.5°	679.0	673.6	668.2	661.0	671.8	700.6	727.5	750.8	774.2	777.8	781.4
70°	626.9	619.8	612.6	610.7	616.1	639.5	662.9	679.0	693.4	700.6	705.9
72.5°	565.8	560.4	555.1	551.5	553.2	573.0	591.0	605.3	619.8	625.2	628.7
75°	497.5	497.5	495.8	485.1	485.1	501.2	515.5	528.1	540.7	547.8	555.1
77.5°	423.9	425.7	425.7	411.4	409.6	425.7	440.1	450.9	459.9	467.1	472.5
80°	339.5	335.9	332.3	323.3	319.7	339.5	357.4	366.5	373.6	375.4	375.4
82.5°	260.5	253.3	244.3	224.5	226.4	247.9	267.6	274.8	282.0	282.0	282.0
85°	177.8	163.5	147.3	131.2	132.9	156.3	177.8	185.0	192.2	195.8	197.6
87.5°	84.4	70.1	53.9	41.4	41.4	61.1	79.0	82.6	86.3	93.4	100.6
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: P383481
 CATALOG NUMBER: GAN-SA7D-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: P383481

CATALOG NUMBER: GAN-SA7D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1
2.5°	12809.7	12964.2	13124.0	13283.9	13467.1	13650.3	13864.1	14076.1	14257.5	14439.0	14589.8
5°	10776.2	11022.4	11311.5	11600.7	11969.0	12337.2	12788.1	13237.2	13637.8	14038.3	14503.6
7.5°	8536.1	8855.9	9233.1	9610.4	10086.4	10562.4	11146.2	11730.0	12295.9	12859.9	13574.9
10°	7160.2	7496.1	7867.9	8238.0	8723.0	9206.2	9824.2	10440.3	11076.2	11710.3	12518.7
12.5°	6438.1	6809.9	7136.9	7463.7	7857.1	8248.8	8846.9	9445.1	10192.4	10937.9	11715.7
15°	5667.4	6073.4	6465.0	6856.7	7285.9	7713.5	8295.4	8877.5	9694.8	10512.1	11406.7
17.5°	4735.1	5162.6	5640.5	6116.5	6677.0	7235.6	7981.1	8726.6	9694.8	10661.3	11715.7
20°	3763.4	4199.8	4771.1	5342.3	6039.3	6734.4	7700.9	8667.3	9971.5	11273.8	12619.2
22.5°	2969.3	3353.8	3977.1	4598.6	5403.3	6208.1	7447.6	8685.3	10390.0	12092.9	13909.0
25°	2407.1	2678.3	3290.9	3901.6	4830.4	5759.0	7293.1	8825.4	10999.0	13170.7	15423.4
27.5°	2062.2	2240.0	2811.2	3380.7	4395.6	5408.8	7230.2	9049.9	11771.4	14492.8	17070.6
30°	1889.7	2013.7	2496.9	2978.3	4009.4	5040.5	7154.8	9269.1	12515.1	15759.3	18358.6
32.5°	1746.0	1844.8	2258.0	2669.3	3675.3	4681.2	7009.3	9335.6	13034.2	16732.8	19448.9
35°	1623.9	1706.5	2065.8	2425.1	3413.0	4401.0	6765.0	9129.0	13359.3	17589.8	20584.2
37.5°	1525.1	1589.8	1922.1	2254.4	3186.7	4119.0	6486.6	8854.2	13648.6	18443.0	21861.4
40°	1447.8	1503.5	1814.3	2125.0	2971.2	3817.2	6247.6	8676.3	14047.4	19418.4	23210.4
42.5°	1404.8	1476.6	1720.8	1963.4	2766.3	3569.3	6055.4	8541.5	14417.4	20291.4	24390.6
45°	1394.0	1496.3	1672.4	1848.5	2613.6	3378.9	5884.8	8388.9	14656.3	20923.7	25279.9
47.5°	1376.0	1460.4	1634.7	1808.9	2538.2	3265.7	5793.2	8318.8	14895.2	21469.8	26018.1
50°	1386.8	1397.5	1604.1	1808.9	2527.5	3246.0	5897.3	8548.7	15412.5	22274.5	26862.4
52.5°	1367.0	1320.3	1546.6	1773.0	2525.6	3278.3	6197.4	9116.4	16373.6	23629.0	27776.7
55°	1262.8	1201.8	1438.9	1675.9	2487.9	3298.1	6554.8	9809.8	17663.4	25515.2	29420.4
57.5°	1171.2	1115.5	1316.7	1516.1	2372.9	3229.8	6923.1	10614.5	19026.8	27437.2	31272.4
60°	1049.0	1036.4	1180.2	1323.9	2195.1	3064.5	7226.7	11387.0	19942.9	28497.1	31985.5
62.5°	948.5	955.7	1061.6	1167.6	1972.4	2775.4	7327.3	11877.3	19917.8	27958.2	31267.0
65°	871.2	883.8	988.0	1092.1	1782.0	2471.8	6996.8	11519.9	18910.0	26298.3	29846.1
67.5°	795.8	810.2	934.1	1056.3	1613.1	2168.2	6170.4	10170.8	17097.5	24022.4	28039.0
70°	723.9	741.9	876.6	1011.4	1490.9	1968.8	5105.2	8241.6	14828.7	21414.1	25946.3
72.5°	646.7	664.7	808.4	952.0	1413.7	1873.6	4162.2	6448.8	12033.6	17616.7	22193.7
75°	567.7	580.3	736.5	891.0	1307.7	1724.5	3265.7	4805.2	9209.8	13614.4	16763.4
77.5°	488.6	504.8	635.9	765.3	1110.1	1453.2	2461.0	3468.7	6757.8	10045.1	11658.2
80°	389.8	404.2	497.5	589.2	856.8	1122.7	1692.2	2261.6	4650.8	7039.8	7948.8
82.5°	298.2	314.4	377.3	438.3	610.7	783.2	1025.7	1268.2	3089.7	4909.3	4984.8
85°	204.8	210.2	255.1	298.2	377.3	456.3	587.4	718.5	2044.2	3370.0	2807.7
87.5°	102.4	102.4	132.9	163.5	203.0	242.5	310.8	377.3	653.9	930.5	535.3
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: P383481
 CATALOG NUMBER: GAN-SA7D-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: P383481

CATALOG NUMBER: GAN-SA7D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1
2.5°	14782.1	14913.1	15046.1	15146.7	15249.1	15396.4	15543.7	15570.6	15599.4	15541.8	15484.4
5°	14972.5	15369.4	15768.2	16136.5	16504.7	16725.7	16946.6	16991.5	17036.4	16898.1	16758.0
7.5°	14266.5	14958.0	15649.6	16283.8	16917.9	17302.3	17688.5	17774.8	17862.8	17636.4	17410.1
10°	13323.5	14173.1	15022.8	15858.0	16693.3	17252.0	17810.6	17922.0	18033.4	17751.4	17469.4
12.5°	12594.2	13501.3	14408.4	15288.7	16170.6	16749.0	17327.4	17465.8	17604.1	17399.3	17192.7
15°	12369.6	13222.9	14076.1	14843.1	15612.0	16084.4	16558.6	16614.3	16671.8	16639.5	16607.2
17.5°	12777.3	13548.0	14320.4	14737.2	15155.7	15344.3	15534.7	15595.8	15658.7	15739.5	15822.1
20°	13765.3	14307.8	14852.1	14834.2	14814.4	14722.7	14629.4	14613.2	14597.0	14828.7	15062.3
22.5°	15240.1	15455.7	15673.0	15168.3	14663.5	14356.3	14047.4	13986.3	13923.4	14169.5	14417.4
25°	16840.6	16801.1	16759.8	15798.8	14835.9	14250.3	13664.7	13596.5	13528.2	13738.4	13950.3
27.5°	18425.0	18166.3	17907.7	16601.8	15295.8	14446.2	13596.5	13528.2	13459.9	13646.8	13833.6
30°	19587.3	19172.3	18757.4	17278.9	15800.5	14791.0	13781.5	13670.1	13556.9	13786.9	14016.8
32.5°	20494.4	19937.5	19380.7	17828.6	16276.6	15184.4	14092.3	13918.0	13743.8	14050.9	14358.1
35°	21399.7	20616.5	19831.5	18319.1	16804.7	15649.6	14492.8	14279.0	14065.3	14487.4	14909.6
37.5°	22538.6	21414.1	20287.8	18870.5	17453.2	16346.6	15238.3	15019.2	14800.0	15337.1	15876.0
40°	23774.5	22274.5	20774.6	19474.1	18173.6	17311.3	16447.2	16238.8	16028.7	16682.5	17336.5
42.5°	24802.0	23075.7	21349.5	20201.5	19051.9	18444.7	17835.8	17834.0	17830.4	18493.3	19156.2
45°	25637.3	23743.9	21848.8	20911.1	19971.6	19655.5	19339.3	19592.6	19845.9	20444.1	21044.0
47.5°	26260.6	24304.4	22346.4	21723.0	21099.7	21146.5	21193.2	21708.7	22224.3	22608.7	22994.9
50°	26666.6	24812.8	22957.2	22765.0	22572.8	22991.3	23411.7	24002.6	24595.5	24857.7	25119.9
52.5°	27257.5	25502.6	23745.8	23961.4	24176.9	25031.9	25887.0	26485.2	27083.3	27180.3	27279.2
55°	28624.6	26770.8	24915.2	25328.3	25743.3	26997.1	28252.7	28719.8	29186.9	29222.7	29258.7
57.5°	30566.4	28547.4	26528.2	26973.8	27419.3	28867.1	30316.8	30819.7	31324.5	31254.4	31182.6
60°	32019.7	30234.1	28446.8	28895.9	29345.0	30756.8	32168.8	32747.2	33327.4	33173.0	33018.4
62.5°	32109.5	31155.6	30200.0	30606.0	31013.7	32396.9	33780.1	34374.7	34969.3	34699.8	34430.4
65°	30681.5	31108.9	31536.4	31671.2	31805.9	33095.7	34387.2	34841.7	35298.0	35161.5	35025.0
67.5°	28714.4	30289.8	31867.0	31595.8	31324.5	31929.8	32535.2	33004.1	33472.9	33395.7	33316.6
70°	26751.1	28854.5	30958.0	29625.2	28290.4	28040.8	27791.1	28295.9	28802.4	28489.9	28175.5
72.5°	23408.0	25649.9	27893.5	25437.9	22982.3	22129.1	21275.8	21917.1	22558.4	22060.8	21561.4
75°	18374.7	20851.9	23330.8	20401.0	17471.2	16332.3	15193.4	15744.9	16296.3	15955.1	15612.0
77.5°	13679.1	16120.3	18561.6	15583.2	12603.1	11757.0	10909.2	11072.7	11237.9	11180.4	11121.1
80°	9278.0	10979.2	12682.1	10699.0	8715.8	8780.5	8846.9	8769.7	8690.7	8805.6	8920.6
82.5°	5920.7	7233.8	8548.7	7496.1	6443.4	7047.1	7650.6	7354.2	7056.0	7165.6	7277.0
85°	3378.9	4663.3	5949.4	5545.3	5139.3	5491.4	5845.3	5385.4	4925.6	5126.8	5329.8
87.5°	891.0	2579.5	4269.9	3876.4	3483.1	3026.8	2570.5	1961.6	1352.6	1976.0	2599.3
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: P383481

CATALOG NUMBER: GAN-SA7D-735-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1	13688.1
2.5°	15453.9	15423.4	15313.8	15202.4	15037.1	14900.6	14663.5
5°	16564.0	16370.0	16035.8	15699.9	15326.3	14897.0	14421.0
7.5°	16957.4	16502.9	15861.6	15218.5	14640.1	13961.1	13328.8
10°	16790.3	16109.5	15276.1	14440.8	13738.4	12957.0	12254.6
12.5°	16470.6	15746.7	14828.7	13909.0	13109.7	12270.8	11483.9
15°	16030.5	15452.0	14591.7	13731.2	12926.4	12110.9	11178.6
17.5°	15549.1	15274.2	14652.7	14029.4	13332.4	12542.0	11448.1
20°	15161.0	15261.6	15013.8	14765.9	14207.2	13517.4	12288.7
22.5°	14898.8	15382.0	15572.4	15764.7	15428.8	14889.9	13469.0
25°	14751.5	15552.7	16190.4	16829.9	16680.8	16265.8	14902.4
27.5°	14816.2	15798.8	16788.5	17780.2	17918.4	17803.5	16413.1
30°	15010.2	16005.4	17210.7	18417.8	18969.3	19123.7	17672.4
32.5°	15333.6	16308.9	17622.1	18937.0	19770.4	20262.7	18823.8
35°	15822.1	16734.7	18103.5	19472.2	20550.0	21448.2	20013.0
37.5°	16661.0	17446.0	18708.8	19973.5	21371.0	22720.1	21322.5
40°	17889.7	18444.7	19511.8	20580.6	22339.3	24160.7	22783.0
42.5°	19439.9	19725.5	20571.6	21417.7	23350.5	25468.4	24211.0
45°	21119.5	21194.9	21726.7	22260.2	24151.8	26359.4	25283.4
47.5°	22736.2	22477.5	22689.5	22901.4	24766.0	26995.3	26097.1
50°	24399.7	23679.3	23567.9	23456.6	25380.4	27744.4	27131.9
52.5°	26091.8	24904.4	24464.3	24022.4	26113.3	28737.8	28419.8
55°	27748.0	26237.3	25644.5	25051.7	27234.3	29950.3	30311.3
57.5°	29470.7	27758.8	27209.1	26659.4	28881.5	31486.1	32008.9
60°	31324.5	29628.7	29188.6	28746.7	30929.3	33146.0	32765.1
62.5°	33083.1	31735.9	31504.1	31270.6	33000.4	34421.3	32470.6
65°	34257.9	33489.0	33704.6	33922.0	34566.8	34739.4	31608.3
67.5°	33472.9	33629.1	34539.9	35452.5	35008.8	33794.5	29909.0
70°	29111.4	30049.1	32206.5	34365.7	33381.3	31263.4	26858.8
72.5°	22614.1	23668.5	26871.4	30076.0	29168.9	26575.0	22060.8
75°	16801.1	17992.1	21527.3	25062.4	23803.3	19878.2	15795.1
77.5°	11918.7	12716.3	16206.5	19698.6	17645.4	13231.8	10629.0
80°	8676.3	8432.0	10377.4	12322.9	11981.6	8751.7	6826.1
82.5°	6680.6	6084.2	7000.3	7916.5	7866.2	6073.4	5008.2
85°	5090.8	4851.9	5662.0	6472.2	5778.9	4113.6	3183.1
87.5°	2967.5	3337.5	4291.5	5247.1	3937.6	1248.5	617.9
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: P383481
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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)