

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: P383479

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383479
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-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 3500K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT 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 III - Medium
BUG Rating: B3 - U0 - G5

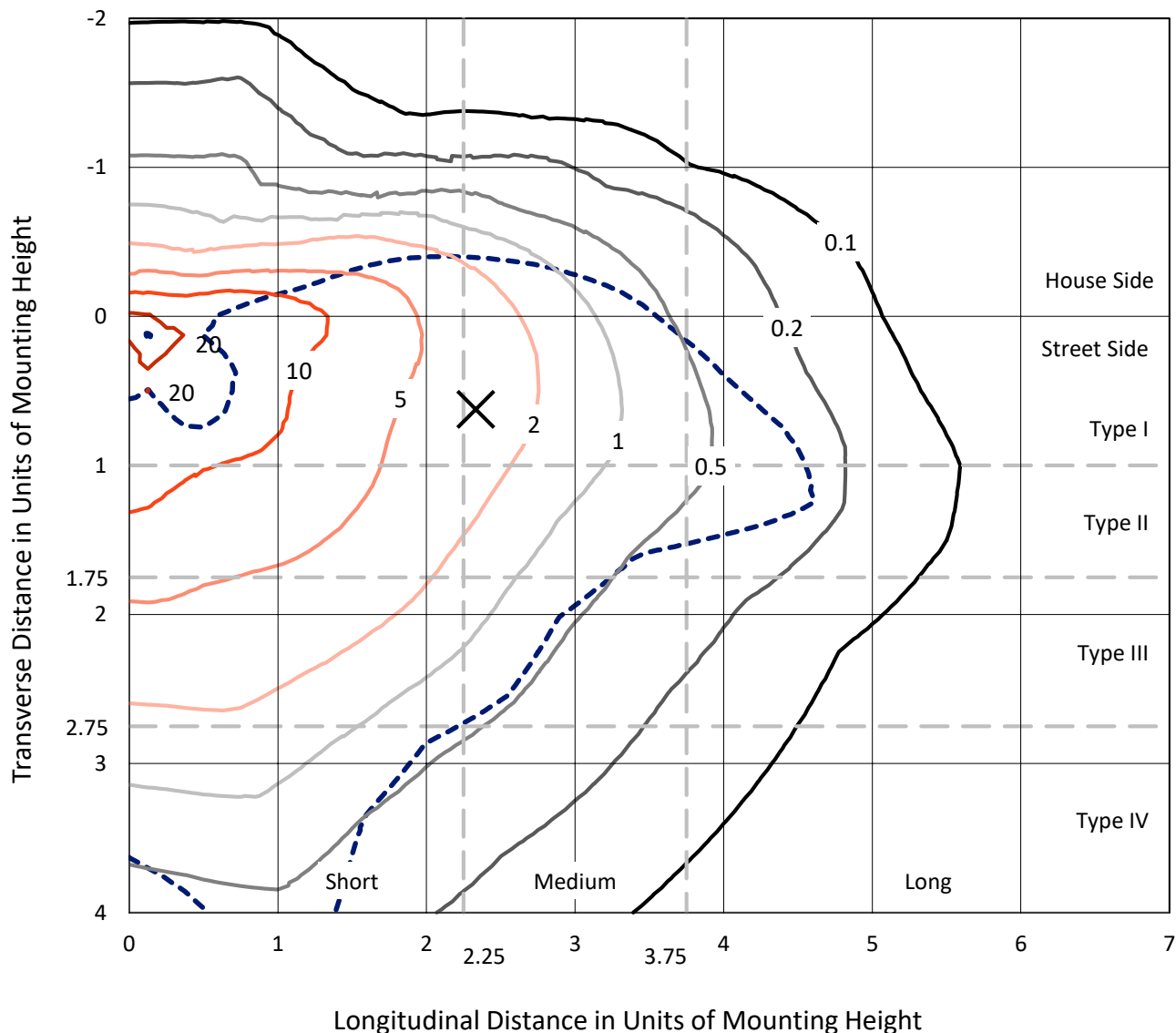
Input Watts (W): 448
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

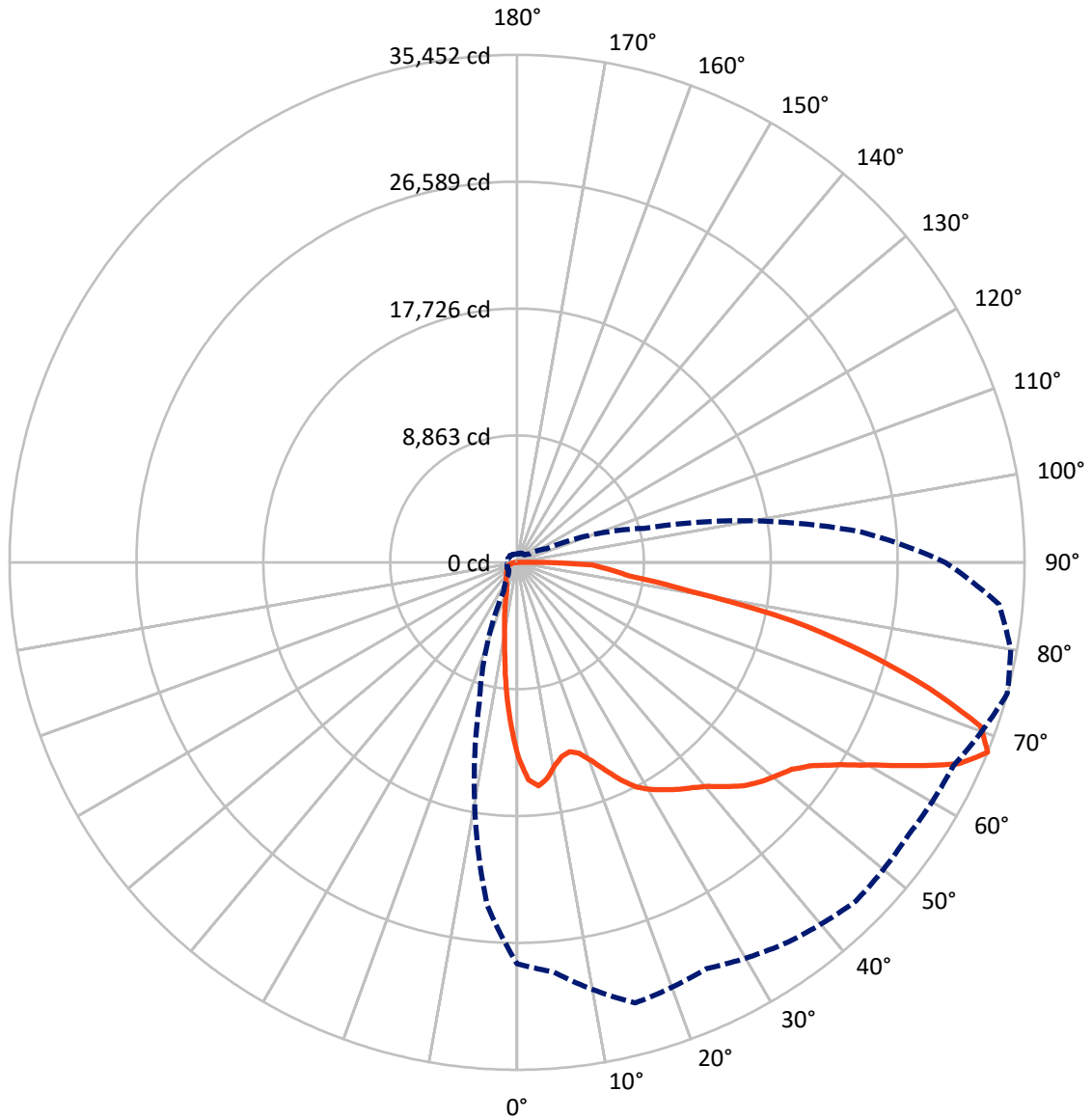
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 27.5 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical



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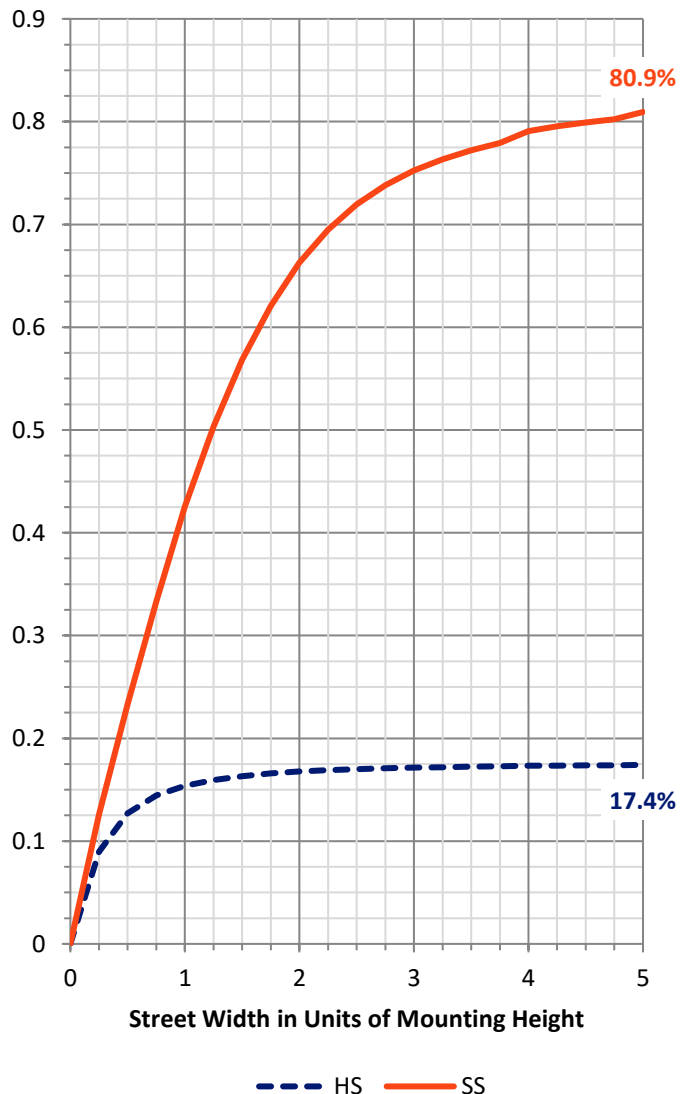
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7913.2	0.0	7913.2
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	37016.3	0.0	37016.3
	% Fixture	82.4	0.0	82.4
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°	8811.4	19.6
60°-70°	10655.7	23.7
70°-80°	6549.9	14.6
80°-90°	1704.4	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

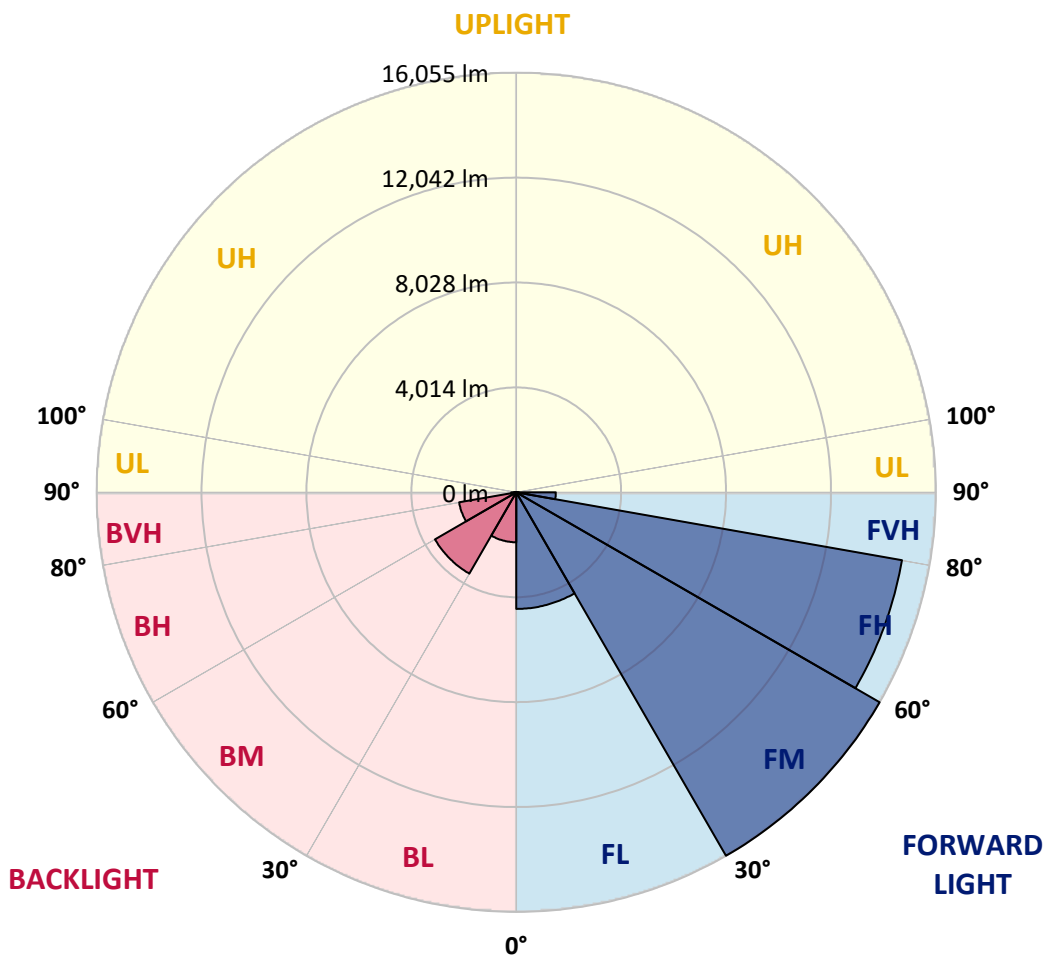


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4461.0	9.9			
FM (30°-60°)	16055.4	35.7			
FH (60°-80°)	14987.0	33.4			G5
FVH (80°-90°)	1512.9	3.4			G5
BL (0°-30°)	1911.1	4.3	B3/2500		
BM (30°-60°)	3592.0	8.0	B3/5000		
BH (60°-80°)	2218.6	4.9	B3/2500		G3/2500
BVH (80°-90°)	191.5	0.4			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 III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0
2.5°	14589.7	14781.9	14914.8	15046.0	15148.4	15249.0	15396.2	15543.6	15572.3	15599.2	15541.8
5°	14503.5	14972.3	15371.1	15768.1	16136.4	16504.6	16725.6	16946.5	16991.4	17036.3	16898.0
7.5°	13574.8	14266.4	14958.0	15649.5	16283.6	16917.7	17304.0	17688.4	17776.4	17862.6	17636.2
10°	12518.6	13323.4	14172.9	15022.6	15857.9	16693.2	17251.9	17810.5	17922.0	18033.3	17751.3
12.5°	11715.6	12594.1	13501.2	14408.3	15290.3	16170.5	16748.9	17327.3	17465.7	17603.9	17399.2
15°	11406.6	12369.5	13222.8	14076.0	14844.8	15611.8	16086.1	16558.5	16616.0	16671.6	16639.3
17.5°	11715.6	12777.2	13549.6	14320.3	14738.9	15155.5	15345.9	15534.6	15597.5	15658.6	15741.2
20°	12619.1	13765.2	14309.5	14852.0	14834.1	14814.3	14722.6	14629.2	14613.1	14596.9	14830.4
22.5°	13908.9	15240.0	15457.4	15672.9	15168.1	14663.4	14356.2	14047.3	13986.2	13923.3	14171.2
25°	15423.3	16840.5	16801.0	16759.7	15798.7	14835.8	14250.3	13664.6	13596.4	13528.1	13740.0
27.5°	17070.4	18424.9	18166.2	17907.5	16601.6	15295.6	14446.1	13596.4	13528.1	13459.8	13646.6
30°	18358.4	19587.1	19172.2	18757.2	17278.8	15800.4	14790.9	13781.4	13670.0	13556.8	13786.8
32.5°	19448.8	20494.2	19937.4	19380.5	17828.5	16276.5	15184.3	14092.2	13917.9	13743.7	14050.8
35°	20584.0	21399.6	20616.4	19831.4	18318.9	16804.6	15649.5	14492.7	14278.9	14065.2	14487.3
37.5°	21861.3	22538.4	21414.0	20287.6	18870.4	17453.1	16346.5	15238.2	15019.1	14799.9	15338.8
40°	23210.3	23774.3	22274.4	20774.4	19473.9	18173.4	17311.1	16447.1	16238.7	16028.6	16682.4
42.5°	24390.4	24801.8	23075.6	21349.3	20201.4	19051.8	18444.6	17835.7	17833.9	17830.3	18493.2
45°	25279.7	25637.1	23743.8	21848.7	20911.0	19971.5	19655.4	19339.2	19592.5	19845.8	20445.7
47.5°	26017.9	26260.4	24304.3	22346.2	21722.9	21099.6	21146.3	21193.0	21708.5	22224.1	22610.3
50°	26862.2	26666.4	24812.6	22957.0	22764.8	22572.6	22992.9	23411.5	24004.2	24595.3	24857.5
52.5°	27776.5	27257.4	25502.4	23745.6	23961.2	24176.7	25031.7	25886.8	26485.0	27083.2	27181.9
55°	29420.1	28624.4	26770.6	24915.0	25329.9	25743.1	26998.8	28252.5	28719.6	29186.6	29222.6
57.5°	31272.1	30566.2	28547.2	26528.1	26973.6	27419.1	28868.7	30316.6	30821.3	31324.2	31254.2
60°	31985.3	32019.4	30233.9	28446.6	28895.7	29344.7	30756.6	32168.6	32748.7	33327.1	33172.7
62.5°	31266.7	32109.2	31155.4	30199.7	30607.5	31013.5	32396.7	33779.9	34374.4	34969.0	34699.6
65°	29845.9	30681.2	31108.7	31536.2	31670.9	31805.6	33097.2	34387.0	34843.2	35297.7	35161.2
67.5°	28038.8	28714.2	30291.4	31866.8	31595.5	31324.2	31929.6	32535.0	33003.8	33472.6	33395.4
70°	25946.1	26750.8	28854.3	30957.8	29625.0	28290.3	28040.6	27790.9	28297.4	28802.2	28489.7
72.5°	22193.6	23407.8	25651.5	27893.3	25437.7	22982.1	22128.9	21275.6	21916.9	22558.2	22060.6
75°	16763.3	18374.6	20853.5	23330.6	20400.8	17471.0	16332.2	15193.3	15744.7	16296.2	15954.9
77.5°	11658.1	13679.0	16120.2	18561.4	15583.1	12603.0	11757.0	10909.1	11074.3	11237.8	11180.3
80°	7948.7	9278.0	10980.9	12682.0	10698.9	8715.7	8782.3	8846.9	8769.7	8690.6	8805.5
82.5°	4984.8	5920.6	7235.6	8548.7	7496.1	6443.4	7047.0	7650.5	7354.1	7055.9	7167.3
85°	2807.7	3378.9	4665.0	5949.4	5545.2	5139.3	5493.1	5845.3	5385.4	4925.6	5128.5
87.5°	535.3	890.9	2581.3	4269.8	3876.4	3483.1	3026.8	2570.5	1961.6	1352.6	1976.0
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



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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°	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0
2.5°	15484.3	15453.7	15423.3	15313.6	15202.3	15037.0	14900.5	14663.4	14534.0	14338.3	14142.5
5°	16757.9	16563.8	16369.9	16035.8	15699.8	15326.2	14896.9	14420.9	14061.6	13594.5	13127.6
7.5°	17410.0	16957.2	16502.8	15861.6	15218.4	14640.0	13961.0	13328.7	12789.8	12182.7	11575.5
10°	17469.2	16790.2	16109.4	15275.9	14440.7	13738.3	12956.9	12254.5	11607.8	10910.8	10212.1
12.5°	17192.6	16470.5	15746.6	14828.7	13908.9	13111.3	12270.7	11483.9	10767.2	10000.2	9231.3
15°	16607.0	16030.4	15452.0	14591.5	13731.1	12926.3	12110.8	11178.5	10368.4	9583.4	8796.6
17.5°	15822.0	15548.9	15274.1	14652.6	14029.3	13332.3	12541.9	11448.0	10499.5	9646.3	8793.0
20°	15062.2	15162.8	15261.5	15013.7	14765.8	14207.1	13517.3	12288.6	11078.0	9962.4	8845.0
22.5°	14417.3	14900.5	15381.9	15574.1	15764.5	15428.6	14889.7	13468.8	11866.5	10409.7	8952.8
25°	13950.2	14751.4	15552.6	16192.1	16829.7	16680.7	16265.7	14902.2	12912.0	11054.6	9195.4
27.5°	13833.5	14816.1	15798.7	16790.2	17780.0	17918.3	17803.4	16413.0	14158.6	11855.7	9551.1
30°	14016.7	15011.9	16005.2	17212.4	18417.7	18969.2	19123.6	17672.2	15583.1	12789.8	9994.8
32.5°	14358.0	15333.4	16308.8	17623.7	18936.9	19770.3	20262.6	18823.7	16576.4	13493.9	10409.7
35°	14909.5	15822.0	16734.5	18103.3	19472.1	20549.9	21448.0	20012.8	17458.4	13986.2	10512.0
37.5°	15875.9	16660.9	17445.8	18710.5	19973.3	21370.8	22719.9	21322.4	18412.3	14460.4	10506.6
40°	17336.3	17891.4	18444.6	19513.4	20580.5	22339.1	24160.5	22782.8	19466.7	14974.2	10481.5
42.5°	19156.0	19441.6	19725.4	20571.5	21417.6	23350.4	25468.2	24210.8	20472.7	15452.0	10431.3
45°	21043.9	21119.4	21194.9	21728.3	22260.0	24151.6	26359.3	25283.2	21351.1	15867.0	10381.0
47.5°	22994.7	22736.0	22477.4	22689.3	22901.4	24765.9	26995.1	26096.9	22233.1	16326.8	10418.7
50°	25119.7	24399.5	23679.1	23567.8	23456.4	25380.2	27744.2	27131.6	23292.9	16996.8	10700.7
52.5°	27279.0	26091.6	24904.2	24464.1	24022.2	26113.1	28737.6	28419.7	24805.4	18035.0	11263.0
55°	29258.5	27747.8	26237.0	25644.3	25051.6	27234.1	29950.1	30311.2	26743.6	19362.6	11979.7
57.5°	31182.3	29470.4	27758.5	27208.9	26659.2	28881.2	31485.9	32008.6	28701.6	20636.1	12568.9
60°	33018.2	31324.2	29628.5	29188.5	28746.5	30929.1	33145.8	32765.0	29711.2	21232.5	12752.0
62.5°	34430.1	33082.9	31735.6	31503.9	31270.4	33000.3	34421.1	32470.3	29069.9	20645.1	12220.4
65°	35024.7	34257.7	33488.9	33706.2	33921.7	34566.7	34739.1	31608.1	27054.4	18999.7	10945.0
67.5°	33316.4	33472.6	33629.0	34541.5	35452.2	35008.5	33794.2	29908.7	24185.7	16668.1	9150.5
70°	28175.3	29113.0	30048.8	32208.1	34365.4	33381.1	31263.2	26858.6	20733.2	13982.5	7230.2
72.5°	21561.2	22615.7	23668.3	26873.0	30075.9	29168.7	26574.8	22060.6	16623.2	11165.9	5706.9
75°	15611.8	16802.8	17992.0	21527.1	25062.3	23803.1	19878.1	15795.0	12626.4	8523.6	4419.0
77.5°	11121.0	11918.6	12716.2	16208.2	19698.5	17647.1	13231.7	10628.9	8739.1	5924.3	3107.6
80°	8920.5	8676.2	8431.9	10377.3	12322.8	11981.5	8751.7	6826.0	6048.3	3969.9	1891.5
82.5°	7276.9	6680.5	6084.1	7000.3	7916.4	7866.1	6073.4	5008.2	4501.6	2759.2	1016.7
85°	5329.7	5090.8	4851.9	5662.0	6472.1	5780.5	4113.6	3183.1	3510.0	2031.6	553.2
87.5°	2599.3	2969.3	3337.5	4293.2	5247.0	3939.3	1248.5	617.9	855.1	562.3	267.6
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: P383479
 CATALOG NUMBER: GAN-SA7D-735-U-SLL

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: P383479

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

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0
2.5°	13997.0	13849.6	13682.6	13515.5	13325.1	13132.9	13019.8	12904.8	12780.8	12656.8	12516.7
5°	12818.6	12509.6	12159.3	11809.0	11462.3	11115.6	10928.8	10742.0	10544.4	10345.0	10172.6
7.5°	11126.4	10675.5	10190.6	9703.7	9272.6	8839.7	8572.0	8302.6	8058.3	7812.2	7605.6
10°	9637.2	9062.5	8575.6	8087.0	7761.9	7436.7	7190.7	6944.6	6707.4	6468.6	6240.4
12.5°	8656.5	8081.6	7772.6	7463.7	7194.2	6924.8	6641.0	6355.4	6030.3	5703.3	5464.5
15°	8273.8	7751.1	7408.0	7063.2	6702.1	6339.2	5990.7	5642.3	5257.8	4873.4	4602.2
17.5°	8108.6	7424.2	6944.6	6463.2	5987.1	5511.1	5106.9	4702.7	4282.4	3862.1	3587.3
20°	7934.4	7023.6	6380.5	5735.6	5124.9	4514.2	4056.1	3598.0	3222.6	2847.2	2637.0
22.5°	7776.3	6597.9	5791.3	4983.0	4260.9	3538.8	3089.7	2638.8	2408.9	2179.0	2094.5
25°	7711.6	6226.1	5234.5	4242.9	3481.3	2717.8	2398.1	2078.4	1990.3	1900.5	1857.4
27.5°	7722.3	5893.7	4765.6	3635.7	2949.6	2263.4	2044.2	1825.1	1771.2	1715.4	1688.5
30°	7763.7	5532.6	4323.8	3114.8	2549.0	1983.2	1841.2	1697.6	1640.1	1582.6	1548.4
32.5°	7810.4	5209.3	3982.5	2753.7	2292.1	1828.6	1711.9	1593.3	1537.6	1482.0	1447.8
35°	7729.6	4945.3	3748.9	2552.5	2126.8	1699.3	1600.5	1499.9	1438.9	1377.8	1345.4
37.5°	7593.0	4679.4	3567.5	2453.8	2019.0	1582.6	1510.7	1437.1	1374.2	1309.5	1279.0
40°	7469.1	4454.8	3432.8	2408.9	1959.8	1508.9	1447.8	1386.8	1322.1	1255.6	1219.7
42.5°	7368.5	4304.0	3299.8	2295.7	1905.9	1514.3	1428.1	1340.0	1277.2	1214.3	1174.8
45°	7293.1	4205.2	3195.7	2186.2	1855.6	1525.0	1415.5	1305.9	1243.1	1178.4	1131.6
47.5°	7285.9	4153.1	3122.0	2091.0	1760.4	1428.1	1383.2	1338.3	1246.7	1153.3	1099.3
50°	7384.7	4068.6	3035.8	2001.1	1668.8	1336.5	1397.5	1456.8	1300.5	1142.4	1074.2
52.5°	7591.3	3919.6	2899.3	1878.9	1557.5	1234.1	1329.3	1422.7	1288.0	1151.5	1063.5
55°	7840.9	3700.4	2692.7	1683.1	1410.1	1135.3	1219.7	1302.3	1217.9	1131.6	1025.7
57.5°	7997.2	3423.8	2432.2	1440.6	1244.8	1049.0	1097.5	1144.2	1110.1	1076.0	968.3
60°	7903.8	3055.6	2139.4	1221.5	1099.3	977.2	968.3	957.4	1007.7	1058.1	934.1
62.5°	7447.5	2674.8	1880.8	1086.7	995.2	901.7	882.0	860.5	943.1	1023.9	892.8
65°	6677.0	2408.9	1717.3	1025.7	923.3	820.9	799.4	777.8	803.0	828.1	767.0
67.5°	5697.9	2245.4	1623.9	1002.3	878.4	752.7	727.5	702.4	697.0	691.6	670.1
70°	4688.4	2144.8	1562.8	980.8	829.9	677.2	653.9	630.5	623.3	614.4	598.1
72.5°	3919.6	2132.2	1555.6	979.0	790.4	601.8	580.2	558.6	549.7	538.9	526.3
75°	3210.0	2001.1	1476.6	952.0	736.5	519.2	499.4	479.7	472.4	463.4	452.6
77.5°	2382.0	1656.2	1241.3	826.3	630.5	434.8	414.9	393.4	391.6	388.0	379.0
80°	1544.9	1198.2	887.4	576.6	459.8	341.3	325.1	307.1	309.0	310.8	303.6
82.5°	858.6	698.8	542.5	386.2	314.4	242.5	235.3	226.4	231.8	235.3	226.4
85°	452.6	352.1	291.0	229.9	181.5	132.9	132.9	131.2	138.3	145.5	138.3
87.5°	195.8	124.0	106.0	86.3	48.5	8.9	10.8	10.8	14.3	18.0	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: P383479
 CATALOG NUMBER: GAN-SA7D-735-U-SLL

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: P383479

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0
2.5°	12374.9	12243.7	12110.8	11965.3	11992.3	11880.9	11769.5	11699.4	11629.3	11607.8	11586.3
5°	10000.2	9851.0	9700.1	9565.4	9682.1	9603.1	9524.1	9513.3	9500.8	9500.8	9499.0
7.5°	7399.1	7239.1	7077.5	6966.1	7081.1	7066.7	7052.4	7129.6	7206.8	7269.7	7330.8
10°	6012.3	5818.3	5622.4	5457.2	5428.5	5345.9	5261.4	5279.4	5295.6	5363.9	5432.0
12.5°	5225.5	4993.7	4762.1	4568.0	4480.0	4343.5	4205.2	4118.9	4032.8	4041.7	4048.9
15°	4329.2	4104.6	3878.2	3711.2	3655.5	3549.6	3443.6	3335.8	3226.2	3181.3	3134.6
17.5°	3310.6	3131.0	2949.6	2838.1	2838.1	2807.7	2777.1	2723.2	2667.6	2622.6	2575.9
20°	2426.9	2331.7	2234.6	2187.9	2202.3	2204.0	2204.0	2231.1	2258.0	2243.6	2229.2
22.5°	2008.3	1974.1	1940.0	1920.3	1927.5	1929.2	1931.0	1956.2	1979.5	1997.5	2013.6
25°	1812.5	1790.9	1769.4	1762.2	1778.3	1780.2	1780.2	1796.3	1812.5	1830.5	1848.4
27.5°	1659.8	1650.8	1641.9	1629.3	1645.4	1645.4	1643.6	1661.6	1677.8	1693.9	1708.3
30°	1514.3	1517.9	1519.7	1516.1	1526.9	1534.1	1539.5	1552.1	1562.8	1575.3	1587.9
32.5°	1411.9	1406.5	1401.1	1397.5	1420.9	1433.5	1446.0	1458.6	1469.4	1474.8	1480.1
35°	1313.1	1300.5	1288.0	1279.0	1300.5	1316.7	1332.9	1356.2	1377.8	1381.4	1384.9
37.5°	1246.7	1230.5	1214.3	1203.6	1212.5	1219.7	1226.8	1252.0	1277.2	1291.6	1304.2
40°	1183.8	1167.6	1151.5	1142.4	1147.9	1149.6	1151.5	1164.1	1174.8	1201.7	1226.8
42.5°	1133.5	1113.8	1093.9	1083.2	1086.7	1090.4	1092.1	1090.4	1088.6	1113.8	1138.9
45°	1083.2	1061.6	1040.1	1027.5	1029.3	1029.3	1029.3	1025.7	1020.3	1032.9	1045.5
47.5°	1043.7	1018.6	993.4	980.8	977.2	973.6	970.0	968.3	964.6	973.6	980.8
50°	1004.1	977.2	948.5	934.1	925.1	921.5	917.9	916.1	912.5	921.5	928.7
52.5°	973.6	941.2	908.9	885.6	876.6	871.2	865.9	867.6	867.6	871.2	873.0
55°	919.7	890.9	860.5	844.3	828.1	824.5	820.9	826.3	829.9	829.9	829.9
57.5°	860.5	833.5	804.8	794.0	779.6	779.6	777.8	785.0	790.4	794.0	797.6
60°	808.3	777.8	747.3	738.3	732.9	731.1	729.3	738.3	745.5	752.7	759.9
62.5°	759.9	727.5	695.2	684.4	682.6	684.4	684.4	693.4	700.5	707.8	715.0
65°	705.9	673.6	639.5	628.7	632.3	637.7	643.0	650.3	655.6	662.9	670.1
67.5°	646.7	619.8	591.0	580.2	582.0	589.2	596.4	601.8	605.3	612.6	619.8
70°	582.0	558.6	535.3	528.1	526.3	535.3	542.5	546.1	549.7	558.6	565.8
72.5°	512.0	492.2	472.4	467.1	468.8	474.3	479.7	485.0	488.6	497.5	504.8
75°	440.1	422.2	404.2	400.6	404.2	409.6	414.9	418.5	422.2	432.9	441.9
77.5°	370.0	350.3	328.7	327.0	332.3	337.7	341.3	346.7	352.1	366.5	380.8
80°	296.4	274.8	251.5	249.7	255.1	260.5	265.9	271.3	276.7	294.6	310.8
82.5°	217.3	192.2	167.0	163.5	181.5	186.8	192.2	201.2	208.4	224.5	240.7
85°	131.2	106.0	80.9	79.0	95.2	104.1	113.2	124.0	132.9	147.3	161.6
87.5°	14.3	7.2	0.0	0.0	1.8	8.9	16.2	25.2	34.1	48.5	61.1
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: P383479
 CATALOG NUMBER: GAN-SA7D-735-U-SLL

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: P383479

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

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0
2.5°	11507.2	11426.4	11509.0	11589.8	11624.0	11658.1	11570.1	11480.3	11620.4	11758.7	11794.7
5°	9427.1	9353.5	9409.1	9463.0	9342.7	9222.3	9209.7	9195.4	9299.5	9403.8	9419.9
7.5°	7307.4	7284.1	7336.2	7388.3	7235.6	7081.1	7005.6	6930.2	6955.4	6980.6	6976.9
10°	5448.2	5462.6	5527.2	5590.1	5471.6	5353.0	5301.0	5248.9	5306.4	5362.0	5414.2
12.5°	4081.2	4111.8	4180.0	4246.5	4198.0	4147.7	4153.1	4158.5	4224.9	4289.6	4347.1
15°	3170.5	3206.5	3254.9	3301.7	3303.5	3303.5	3350.1	3395.0	3389.6	3384.3	3423.8
17.5°	2624.4	2671.1	2676.5	2681.9	2683.7	2685.5	2681.9	2678.3	2651.4	2624.4	2655.0
20°	2247.2	2263.4	2277.7	2290.3	2274.2	2256.2	2211.3	2166.4	2148.4	2130.4	2159.1
22.5°	2044.2	2073.0	2058.6	2042.4	2010.1	1976.0	1941.8	1905.9	1904.1	1900.5	1916.7
25°	1873.5	1896.9	1871.8	1846.6	1823.2	1799.9	1776.6	1753.2	1751.4	1749.6	1756.8
27.5°	1731.7	1753.2	1729.9	1706.5	1686.8	1667.0	1649.0	1631.0	1627.5	1623.9	1625.6
30°	1609.5	1629.3	1609.5	1587.9	1573.6	1557.5	1544.9	1532.3	1530.4	1528.7	1528.7
32.5°	1499.9	1519.7	1505.3	1490.9	1478.4	1465.8	1456.8	1447.8	1438.9	1429.8	1410.1
35°	1404.7	1424.5	1415.5	1404.7	1390.3	1376.0	1359.8	1341.9	1318.5	1293.4	1282.6
37.5°	1323.9	1343.7	1334.6	1325.7	1305.9	1286.2	1257.4	1226.8	1219.7	1210.7	1209.0
40°	1259.3	1289.7	1271.8	1252.0	1221.5	1191.0	1176.5	1162.2	1158.7	1155.0	1151.5
42.5°	1187.4	1234.1	1201.7	1169.4	1140.7	1111.9	1108.4	1104.7	1103.0	1101.2	1101.2
45°	1097.5	1147.9	1115.5	1081.3	1065.2	1049.0	1049.0	1049.0	1050.9	1050.9	1054.4
47.5°	1013.2	1043.7	1027.5	1011.3	1002.3	993.4	995.2	996.9	1002.3	1006.0	1014.9
50°	941.2	952.0	955.7	957.4	952.0	946.6	950.3	952.0	957.4	961.1	968.3
52.5°	889.2	905.4	905.4	903.5	903.5	903.5	907.1	910.8	916.1	921.5	928.7
55°	855.1	878.4	871.2	864.0	865.9	865.9	869.4	873.0	878.4	882.0	892.8
57.5°	822.7	847.9	840.7	833.5	833.5	833.5	835.3	837.1	842.5	846.0	853.3
60°	785.0	810.2	803.0	794.0	795.7	797.6	799.4	799.4	803.0	804.8	804.8
62.5°	740.1	765.3	758.1	749.1	754.5	758.1	758.1	758.1	761.6	763.4	758.1
65°	693.4	716.7	709.6	702.4	709.6	715.0	718.5	720.4	718.5	716.7	711.3
67.5°	643.0	666.4	659.3	650.3	659.3	666.4	673.6	679.0	673.6	668.2	661.0
70°	589.2	612.6	603.5	594.6	603.5	612.6	619.8	626.9	619.8	612.6	610.7
72.5°	531.7	558.6	547.8	537.1	547.8	558.6	562.3	565.8	560.4	555.1	551.5
75°	468.8	495.8	486.8	476.0	485.0	494.0	495.8	497.5	497.5	495.8	485.0
77.5°	402.3	423.9	418.5	413.1	418.5	423.9	423.9	423.9	425.7	425.7	411.4
80°	323.3	335.9	337.7	339.5	341.3	343.1	341.3	339.5	335.9	332.3	323.3
82.5°	240.7	240.7	255.1	267.6	267.6	265.9	264.1	260.5	253.3	244.3	224.5
85°	152.7	143.7	167.0	188.6	188.6	186.8	183.2	177.8	163.5	147.3	131.2
87.5°	52.1	43.1	66.4	89.8	91.6	91.6	88.0	84.4	70.1	53.8	41.4
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: P383479
 CATALOG NUMBER: GAN-SA7D-735-U-SLL

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: P383479

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

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0
2.5°	11848.5	11871.9	11893.4	12069.5	12243.7	12448.6	12653.3	12809.6	12964.1	13123.9	13283.8
5°	9475.6	9504.3	9533.1	9746.9	9958.8	10244.4	10530.0	10776.1	11022.3	11311.4	11600.7
7.5°	7023.6	7086.5	7147.6	7375.7	7602.1	7909.2	8214.6	8536.1	8855.9	9233.1	9610.3
10°	5516.5	5635.0	5751.8	5985.4	6218.8	6522.4	6824.2	7160.2	7496.1	7867.9	8238.0
12.5°	4465.7	4623.7	4780.1	5060.3	5340.5	5703.3	6064.4	6438.0	6809.9	7136.8	7463.7
15°	3528.0	3700.4	3871.0	4167.5	4463.9	4862.7	5259.6	5667.4	6073.4	6464.9	6856.6
17.5°	2752.0	2893.9	3034.0	3285.5	3535.1	3921.3	4307.6	4735.1	5162.6	5640.4	6116.4
20°	2220.3	2279.5	2338.8	2520.2	2699.9	3014.2	3326.7	3763.3	4199.8	4771.0	5342.2
22.5°	1945.4	1976.0	2004.7	2092.7	2179.0	2382.0	2583.1	2969.3	3353.8	3977.1	4598.6
25°	1780.2	1803.5	1826.9	1884.3	1941.8	2038.8	2135.9	2407.0	2678.3	3290.9	3901.6
27.5°	1631.0	1667.0	1701.1	1728.0	1753.2	1819.7	1884.3	2062.2	2240.0	2811.2	3380.7
30°	1523.3	1535.8	1548.4	1589.8	1629.3	1697.6	1765.7	1889.7	2013.6	2496.9	2978.3
32.5°	1397.5	1415.5	1433.5	1476.6	1519.7	1582.6	1645.4	1746.0	1844.8	2258.0	2669.3
35°	1284.3	1302.3	1320.3	1363.4	1404.7	1473.0	1539.5	1623.9	1706.5	2065.8	2425.0
37.5°	1214.3	1232.3	1250.2	1288.0	1323.9	1392.1	1458.6	1525.0	1589.8	1922.1	2254.3
40°	1155.0	1173.0	1191.0	1226.8	1261.0	1327.5	1392.1	1447.8	1503.5	1814.3	2125.0
42.5°	1103.0	1122.7	1142.4	1178.4	1212.5	1271.8	1331.1	1404.7	1476.6	1720.8	1963.4
45°	1059.8	1079.6	1097.5	1137.0	1176.5	1234.1	1291.6	1394.0	1496.3	1672.4	1848.4
47.5°	1020.3	1041.8	1061.6	1104.7	1147.9	1219.7	1289.7	1376.0	1460.4	1634.7	1808.9
50°	982.6	1007.7	1032.9	1085.0	1135.3	1255.6	1374.2	1386.8	1397.5	1604.1	1808.9
52.5°	946.6	975.4	1004.1	1068.9	1131.6	1271.8	1411.9	1367.0	1320.3	1546.6	1773.0
55°	910.8	935.9	959.2	1038.3	1117.3	1219.7	1322.1	1262.8	1201.7	1438.9	1675.9
57.5°	862.2	889.2	914.3	998.7	1083.2	1155.0	1225.1	1171.2	1115.5	1316.7	1516.1
60°	811.9	842.5	873.0	980.8	1086.7	1074.2	1059.8	1049.0	1036.4	1180.2	1323.9
62.5°	767.0	799.4	831.7	971.8	1111.9	1025.7	939.5	948.5	955.7	1061.6	1167.6
65°	722.1	754.5	785.0	855.1	925.1	890.9	856.8	871.2	883.8	988.0	1092.1
67.5°	671.8	700.5	727.5	750.8	774.2	777.8	781.4	795.7	810.2	934.1	1056.3
70°	616.1	639.5	662.9	679.0	693.4	700.5	705.9	723.9	741.9	876.6	1011.3
72.5°	553.2	573.0	591.0	605.3	619.8	625.2	628.7	646.7	664.7	808.3	952.0
75°	485.0	501.2	515.5	528.1	540.7	547.8	555.1	567.6	580.2	736.5	890.9
77.5°	409.6	425.7	440.1	450.9	459.8	467.1	472.4	488.6	504.8	635.9	765.3
80°	319.7	339.5	357.4	366.5	373.6	375.4	375.4	389.8	404.2	497.5	589.2
82.5°	226.4	247.9	267.6	274.8	282.0	282.0	282.0	298.2	314.4	377.2	438.3
85°	132.9	156.3	177.8	185.0	192.2	195.8	197.6	204.8	210.2	255.1	298.2
87.5°	41.4	61.1	79.0	82.6	86.3	93.4	100.6	102.4	102.4	132.9	163.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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: P383479

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

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0	13688.0
2.5°	13467.0	13650.2	13864.0	14076.0	14257.4	14438.8	14589.7
5°	11968.9	12337.1	12788.0	13237.1	13637.7	14038.2	14503.5
7.5°	10086.3	10562.4	11146.2	11730.0	12295.9	12859.8	13574.8
10°	8722.9	9206.1	9824.1	10440.2	11076.1	11710.2	12518.6
12.5°	7857.1	8248.7	8846.9	9445.1	10192.3	10937.8	11715.6
15°	7285.9	7713.4	8295.4	8877.5	9694.7	10512.0	11406.6
17.5°	6677.0	7235.6	7981.0	8726.6	9694.7	10661.2	11715.6
20°	6039.2	6734.4	7700.8	8667.2	9971.4	11273.7	12619.1
22.5°	5403.3	6208.1	7447.5	8685.2	10389.9	12092.9	13908.9
25°	4830.4	5759.0	7293.1	8825.3	10998.9	13170.6	15423.3
27.5°	4395.6	5408.8	7230.2	9049.9	11771.3	14492.7	17070.4
30°	4009.4	5040.5	7154.8	9269.0	12515.0	15759.2	18358.4
32.5°	3675.2	4681.2	7009.2	9335.5	13034.1	16732.7	19448.8
35°	3413.0	4401.0	6765.0	9128.9	13359.2	17589.6	20584.0
37.5°	3186.6	4118.9	6486.6	8854.1	13648.5	18442.9	21861.3
40°	2971.1	3817.2	6247.6	8676.2	14047.3	19418.2	23210.3
42.5°	2766.3	3569.3	6055.4	8541.5	14417.3	20291.2	24390.4
45°	2613.6	3378.9	5884.8	8388.9	14656.2	20923.6	25279.7
47.5°	2538.2	3265.7	5793.1	8318.8	14895.1	21469.7	26017.9
50°	2527.4	3246.0	5897.3	8548.7	15412.5	22274.4	26862.2
52.5°	2525.6	3278.3	6197.3	9116.3	16373.4	23628.8	27776.5
55°	2487.9	3298.1	6554.7	9809.8	17663.3	25515.0	29420.1
57.5°	2372.9	3229.8	6923.0	10614.4	19026.7	27437.1	31272.1
60°	2195.1	3064.5	7226.6	11386.9	19942.8	28496.9	31985.3
62.5°	1972.4	2775.4	7327.2	11877.3	19917.6	27958.0	31266.7
65°	1782.0	2471.8	6996.7	11519.8	18909.9	26298.1	29845.9
67.5°	1613.1	2168.2	6170.4	10170.7	17097.4	24022.2	28038.8
70°	1490.9	1968.7	5105.2	8241.5	14828.7	21414.0	25946.1
72.5°	1413.7	1873.5	4162.1	6448.8	12033.5	17616.5	22193.6
75°	1307.7	1724.5	3265.7	4805.2	9209.7	13614.3	16763.3
77.5°	1110.1	1453.2	2461.0	3468.7	6757.7	10045.1	11658.1
80°	856.8	1122.7	1692.2	2261.6	4650.7	7039.8	7948.7
82.5°	610.7	783.2	1025.7	1268.2	3089.7	4909.3	4984.8
85°	377.2	456.3	587.4	718.5	2044.2	3369.9	2807.7
87.5°	203.0	242.5	310.8	377.2	653.9	930.5	535.3
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: P383479
CATALOG NUMBER: GAN-SA7D-735-U-SLL

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)