

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: P320302

Luminaire Tested: **GAN-SA8D-730-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320302
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA8D-730-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 3000K, 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: 49767 lumens
Efficiency: N/A
Efficacy: 97.4 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

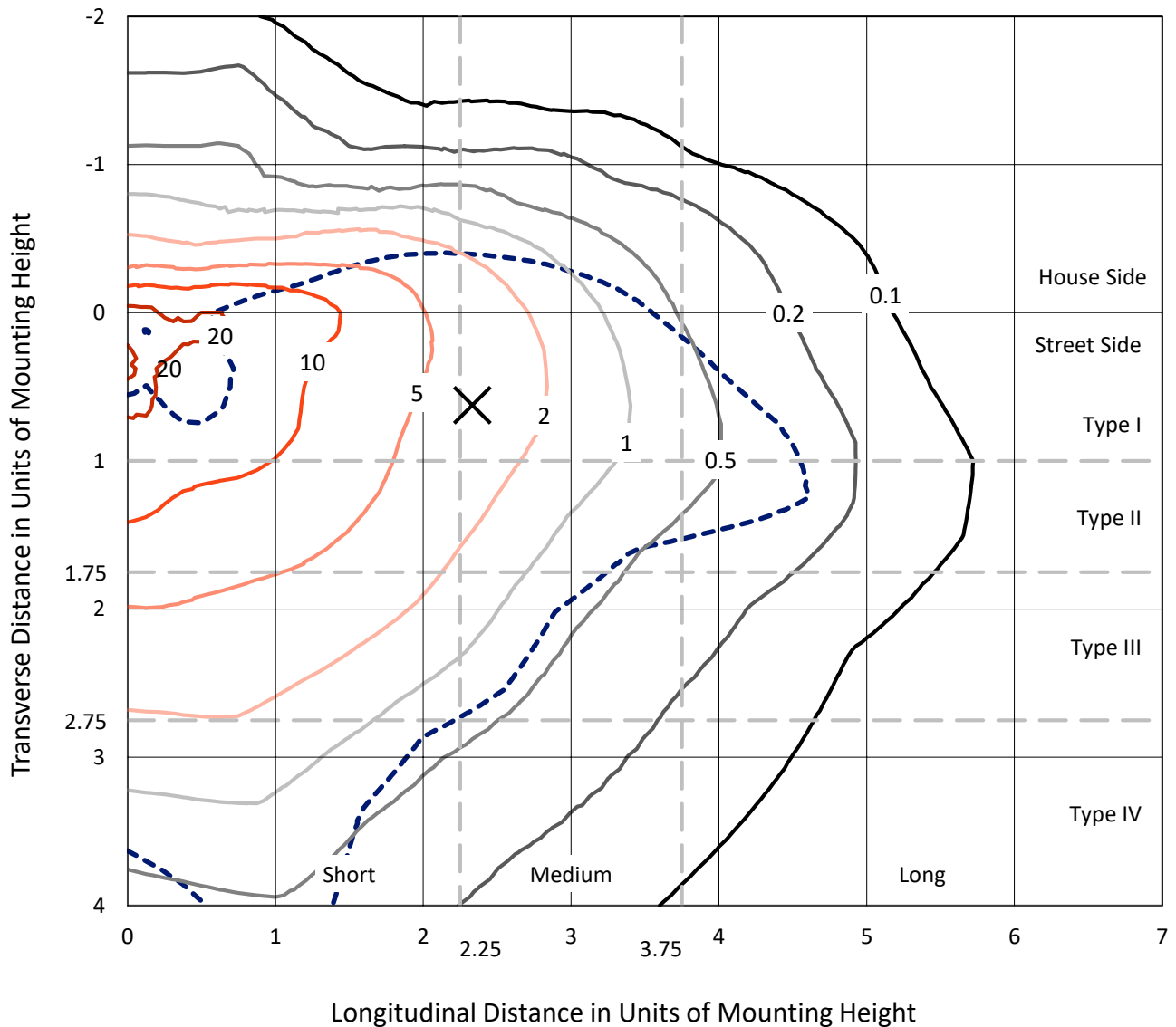
Input Watts (W): 511
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

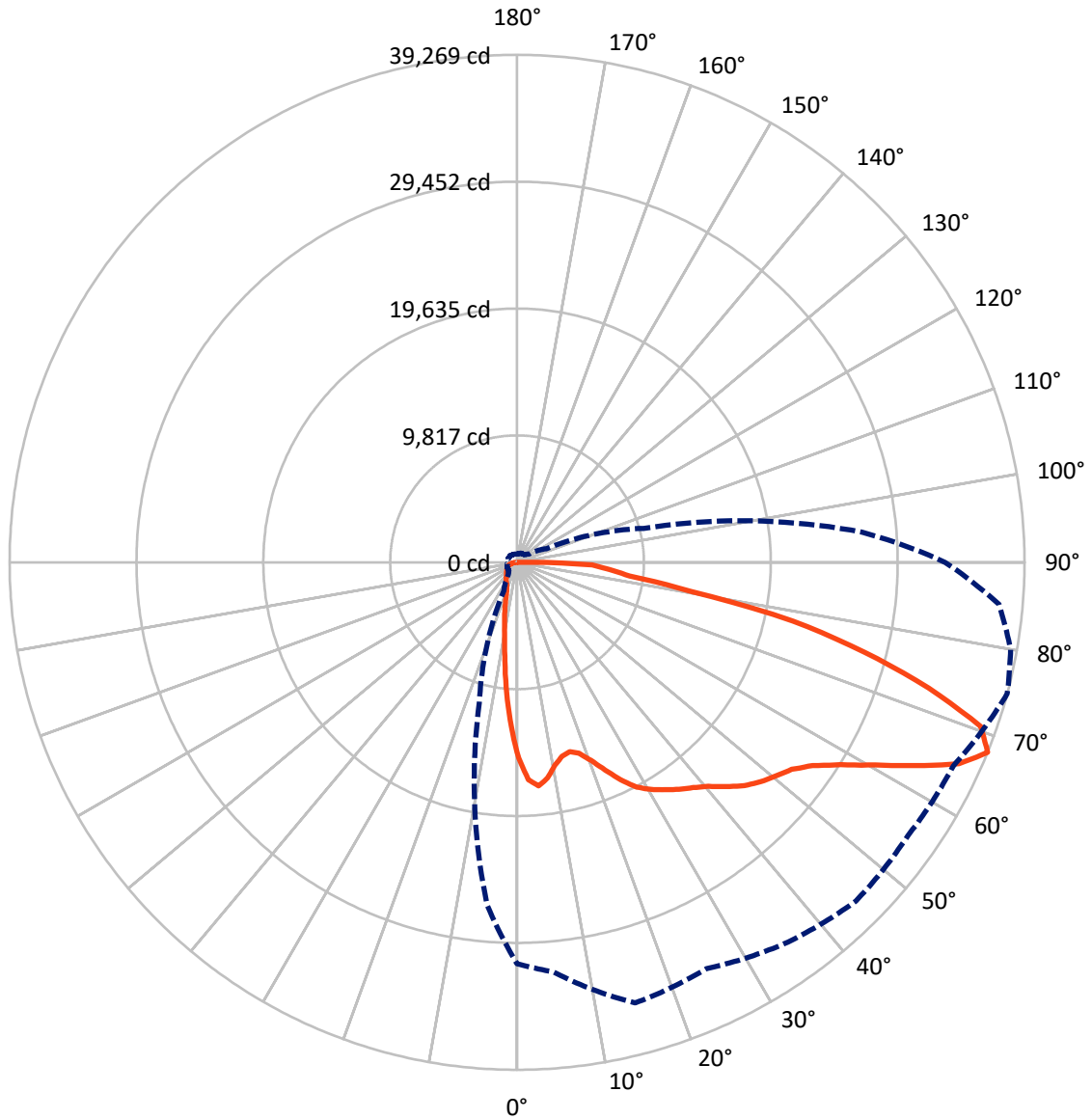
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 30.5 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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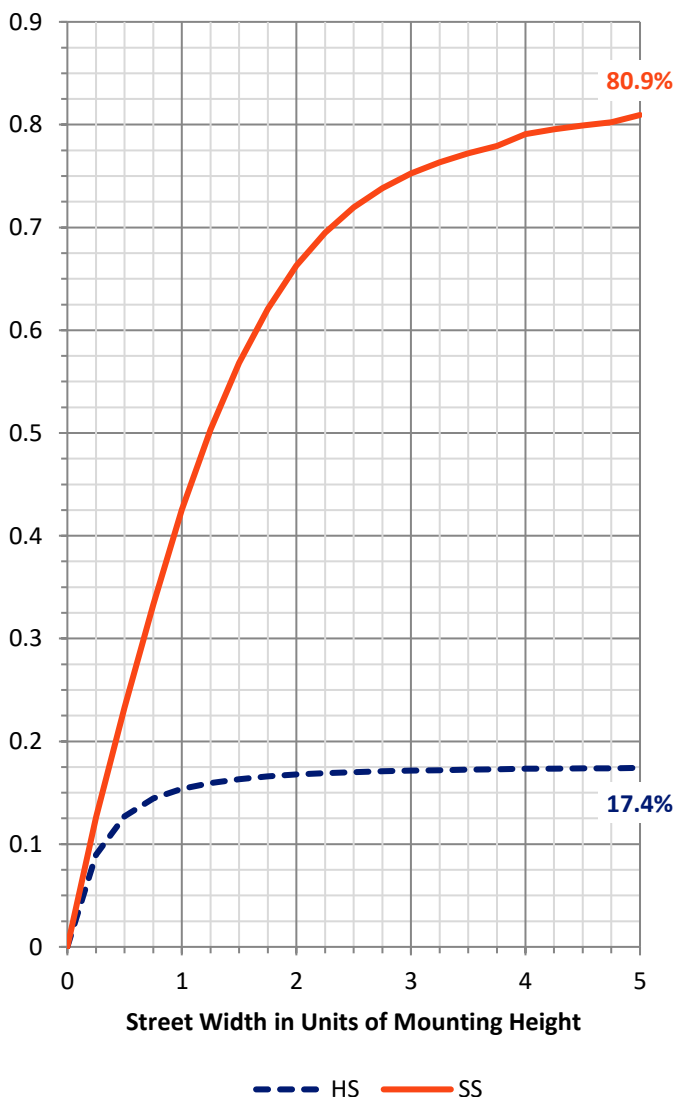
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8765.2	0.0	8765.2
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	41001.8	0.0	41001.8
	% Fixture	82.4	0.0	82.4
Total	Lumens	49767.0	0.0	49767.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1170.1	2.4
10°-20°	2430.9	4.9
20°-30°	3457.2	6.9
30°-40°	4981.8	10.0
40°-50°	7020.8	14.1
50°-60°	9760.2	19.6
60°-70°	11802.9	23.7
70°-80°	7255.1	14.6
80°-90°	1887.9	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	49767.0	100.0
0°-180°	49767.0	100.0

Coefficient of Utilization

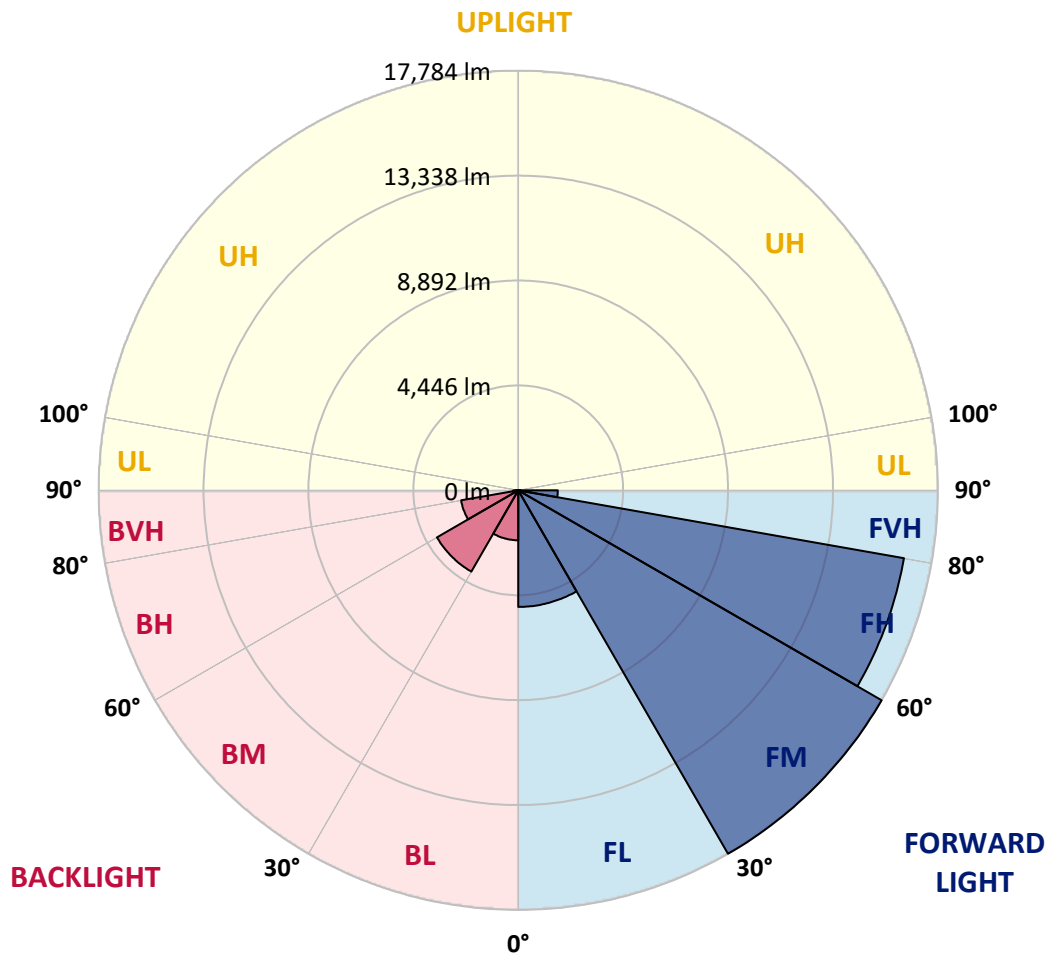


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	4941.4	9.9			
FM (30°-60°)	17784.1	35.7			
FH (60°-80°)	16600.6	33.4			G5
FVH (80°-90°)	1675.8	3.4			G5
BL (0°-30°)	2116.9	4.3	B3/2500		
BM (30°-60°)	3978.7	8.0	B3/5000		
BH (60°-80°)	2457.4	4.9	B3/2500		G3/2500
BVH (80°-90°)	212.1	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°	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7
2.5°	16160.6	16373.5	16520.7	16666.0	16779.4	16890.8	17054.0	17217.1	17249.0	17278.8	17215.2
5°	16065.1	16584.4	17026.1	17465.9	17873.8	18281.6	18526.4	18771.1	18820.9	18870.6	18717.4
7.5°	15036.4	15802.4	16568.5	17334.5	18036.9	18739.3	19167.1	19592.9	19690.4	19785.9	19535.2
10°	13866.4	14757.8	15699.0	16640.1	17565.3	18490.6	19109.4	19728.2	19851.5	19974.9	19662.5
12.5°	12977.0	13950.0	14954.8	15959.6	16936.6	17911.6	18552.3	19192.9	19346.2	19499.4	19272.5
15°	12634.8	13701.3	14646.4	15591.5	16443.1	17292.8	17818.0	18341.3	18405.0	18466.7	18430.9
17.5°	12977.0	14153.0	15008.5	15862.1	16325.7	16787.4	16998.3	17207.2	17276.8	17344.5	17436.0
20°	13977.9	15247.3	15850.2	16451.1	16431.2	16409.3	16307.8	16204.4	16186.5	16168.6	16427.2
22.5°	15406.5	16880.9	17121.6	17360.4	16801.3	16242.2	15901.9	15559.7	15492.0	15422.4	15697.0
25°	17083.8	18653.7	18610.0	18564.2	17499.7	16433.2	15784.5	15135.9	15060.3	14984.7	15219.5
27.5°	18908.4	20408.7	20122.1	19835.6	18389.1	16942.6	16001.4	15060.3	14984.7	14909.1	15116.0
30°	20335.1	21696.0	21236.4	20776.8	19139.2	17501.7	16383.4	15265.2	15141.9	15016.5	15271.2
32.5°	21542.8	22700.8	22084.0	21467.2	19748.1	18029.0	16819.2	15609.4	15416.4	15223.4	15563.7
35°	22800.3	23703.7	22836.1	21966.6	20291.3	18613.9	17334.5	16053.1	15816.4	15579.6	16047.2
37.5°	24215.0	24965.2	23719.6	22472.0	20902.1	19332.2	18106.6	16878.9	16636.1	16393.4	16990.3
40°	25709.3	26334.1	24672.7	23011.2	21570.7	20130.1	19175.0	18218.0	17987.2	17754.4	18478.6
42.5°	27016.6	27472.2	25560.1	23648.0	22376.5	21103.1	20430.6	19756.0	19754.0	19750.1	20484.3
45°	28001.5	28397.4	26300.3	24201.1	23162.5	22121.8	21771.6	21421.4	21702.0	21982.5	22647.1
47.5°	28819.3	29087.9	26921.1	24752.3	24061.8	23371.4	23423.1	23474.8	24045.9	24617.0	25044.7
50°	29754.4	29537.6	27484.2	25428.8	25215.9	25003.0	25468.6	25932.2	26588.8	27243.4	27533.9
52.5°	30767.2	30192.2	28248.2	26302.3	26541.0	26779.8	27726.9	28674.0	29336.6	29999.2	30108.6
55°	32587.8	31706.4	29653.0	27597.6	28057.2	28514.8	29905.7	31294.5	31811.8	32329.1	32368.9
57.5°	34639.2	33857.3	31620.8	29384.3	29877.8	30371.3	31977.0	33580.7	34139.8	34696.9	34619.3
60°	35429.1	35467.0	33489.2	31509.4	32006.8	32504.2	34068.2	35632.1	36274.8	36915.5	36744.4
62.5°	34633.3	35566.4	34509.9	33451.4	33903.0	34352.7	35884.8	37416.9	38075.5	38734.1	38435.6
65°	33059.4	33984.6	34458.2	34931.7	35080.9	35230.2	36660.8	38089.4	38594.8	39098.2	38947.0
67.5°	31057.7	31805.8	33552.8	35297.8	34997.4	34696.9	35367.5	36038.0	36557.3	37076.6	36991.1
70°	28739.7	29631.1	31961.0	34291.0	32814.6	31336.3	31059.7	30783.1	31344.2	31903.3	31557.1
72.5°	24583.1	25928.2	28413.4	30896.5	28176.6	25456.6	24511.5	23566.4	24276.7	24987.0	24435.9
75°	18568.2	20353.0	23098.8	25842.6	22597.4	19352.1	18090.6	16829.1	17440.0	18050.8	17672.8
77.5°	12913.4	15151.8	17855.8	20559.9	17260.9	13960.0	13022.8	12083.6	12266.7	12447.8	12384.1
80°	8804.6	10277.0	12163.2	14047.5	11850.8	9654.2	9727.8	9799.4	9713.9	9626.3	9753.7
82.5°	5521.5	6558.2	8014.6	9469.1	8303.1	7137.2	7805.7	8474.3	8146.0	7815.7	7939.0
85°	3109.9	3742.7	5167.3	6590.0	6142.3	5692.6	6084.6	6474.6	5965.2	5455.8	5680.7
87.5°	592.9	986.9	2859.2	4729.6	4293.8	3858.1	3352.7	2847.3	2172.8	1498.3	2188.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7
2.5°	17151.5	17117.7	17083.8	16962.5	16839.1	16656.0	16504.8	16242.2	16098.9	15882.0	15665.2
5°	18562.2	18347.3	18132.4	17762.3	17390.2	16976.4	16500.8	15973.6	15575.6	15058.3	14541.0
7.5°	19284.5	18783.1	18279.7	17569.3	16857.0	16216.3	15464.2	14763.8	14166.9	13494.4	12821.8
10°	19350.1	18598.0	17843.9	16920.7	15995.4	15217.5	14351.9	13573.9	12857.6	12085.6	11311.6
12.5°	19043.7	18243.8	17442.0	16425.2	15406.5	14523.0	13591.9	12720.3	11926.4	11076.8	10225.2
15°	18395.1	17756.4	17115.7	16162.6	15209.5	14318.1	13414.8	12382.1	11484.7	10615.2	9743.7
17.5°	17525.6	17223.1	16918.7	16230.2	15539.8	14767.8	13892.3	12680.6	11630.0	10684.9	9739.7
20°	16683.9	16795.3	16904.8	16630.2	16355.6	15736.8	14972.7	13611.7	12270.7	11035.0	9797.4
22.5°	15969.6	16504.8	17038.1	17251.0	17461.9	17089.8	16492.9	14919.0	13144.2	11530.5	9916.8
25°	15452.3	16339.7	17227.1	17935.4	18641.8	18476.6	18017.0	16506.8	14302.2	12244.8	10185.4
27.5°	15322.9	16411.3	17499.7	18598.0	19694.4	19847.6	19720.2	18180.2	15683.1	13132.2	10579.4
30°	15525.9	16628.2	17728.5	19065.6	20400.7	21011.6	21182.7	19575.0	17260.9	14166.9	11070.9
32.5°	15903.9	16984.3	18064.8	19521.3	20975.7	21899.0	22444.2	20850.4	18361.2	14946.9	11530.5
35°	16514.8	17525.6	18536.3	20052.5	21568.7	22762.5	23757.4	22167.6	19338.2	15492.0	11643.9
37.5°	17585.2	18454.8	19324.3	20725.0	22123.8	23671.8	25166.1	23618.1	20394.7	16017.3	11637.9
40°	19202.9	19817.7	20430.6	21614.4	22796.3	24744.3	26761.9	25235.8	21562.7	16586.4	11610.1
42.5°	21218.5	21534.9	21849.2	22786.4	23723.6	25864.5	28210.4	26817.6	22677.0	17115.7	11554.4
45°	23309.7	23393.3	23476.8	24067.8	24656.7	26751.9	29197.3	28005.5	23649.9	17575.3	11498.7
47.5°	25470.5	25184.0	24897.5	25132.3	25367.1	27432.4	29901.7	28906.8	24626.9	18084.7	11540.4
50°	27824.4	27026.5	26228.6	26105.3	25981.9	28112.9	30731.4	30052.9	25800.8	18826.8	11852.8
52.5°	30216.1	28900.8	27585.6	27098.1	26608.7	28924.7	31831.7	31479.5	27476.2	19976.9	12475.6
55°	32408.7	30735.4	29062.0	28405.4	27748.8	30166.3	33174.8	33574.7	29623.1	21447.3	13269.5
57.5°	34539.7	32643.5	30747.3	30138.5	29529.6	31990.9	34876.0	35455.0	31791.9	22858.0	13922.1
60°	36573.2	34696.9	32818.6	32331.1	31841.7	34259.2	36714.5	36292.7	32910.1	23518.6	14125.1
62.5°	38137.2	36644.9	35152.6	34895.9	34637.2	36553.3	38127.2	35966.4	32199.8	22868.0	13536.1
65°	38795.8	37946.2	37094.6	37335.3	37574.1	38288.4	38479.4	35011.3	29967.3	21045.4	12123.4
67.5°	36903.5	37076.6	37249.8	38260.5	39269.3	38777.9	37432.8	33129.0	26789.7	18462.7	10135.7
70°	31208.9	32247.6	33284.2	35675.9	38065.5	36975.2	34629.3	29750.5	22965.5	15488.1	8008.7
72.5°	23882.7	25050.7	26216.7	29766.4	33314.1	32309.3	29436.1	24435.9	18413.0	12368.2	6321.4
75°	17292.8	18611.9	19929.1	23844.9	27760.7	26365.9	22018.4	17495.7	13985.8	9441.3	4894.7
77.5°	12318.4	13201.9	14085.3	17953.3	21819.4	19547.1	14656.4	11773.2	9680.0	6562.1	3442.2
80°	9881.0	9610.4	9339.8	11494.7	13649.6	13271.5	9694.0	7561.0	6699.4	4397.3	2095.2
82.5°	8060.4	7399.8	6739.2	7754.0	8768.7	8713.0	6727.3	5547.4	4986.3	3056.2	1126.2
85°	5903.5	5638.9	5374.3	6271.6	7169.0	6403.0	4556.5	3525.8	3887.9	2250.4	612.8
87.5°	2879.1	3289.0	3696.9	4755.5	5812.0	4363.5	1382.9	684.5	947.1	622.8	296.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320302
 CATALOG NUMBER: GAN-SA8D-730-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: P320302

CATALOG NUMBER: GAN-SA8D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7
2.5°	15504.0	15340.8	15155.8	14970.7	14759.8	14546.9	14421.6	14294.2	14156.9	14019.6	13864.4
5°	14198.7	13856.5	13468.5	13080.5	12696.5	12312.5	12105.5	11898.6	11679.7	11458.9	11267.8
7.5°	12324.4	11825.0	11287.7	10748.5	10271.0	9791.5	9495.0	9196.5	8925.9	8653.3	8424.5
10°	10674.9	10038.2	9499.0	8957.8	8597.6	8237.5	7964.9	7692.3	7429.7	7165.0	6912.3
12.5°	9588.5	8951.8	8609.6	8267.3	7968.9	7670.4	7356.0	7039.7	6679.5	6317.4	6052.8
15°	9164.7	8585.7	8205.7	7823.6	7423.7	7021.8	6635.8	6249.7	5823.9	5398.1	5097.7
17.5°	8981.6	8223.6	7692.3	7159.1	6631.8	6104.5	5656.8	5209.1	4743.5	4277.9	3973.5
20°	8788.6	7779.8	7067.5	6353.2	5676.7	5000.2	4492.8	3985.4	3569.6	3153.7	2920.9
22.5°	8613.5	7308.3	6414.9	5519.5	4719.6	3919.8	3422.3	2922.9	2668.2	2413.5	2320.0
25°	8541.9	6896.4	5798.1	4699.7	3856.1	3010.5	2656.3	2302.1	2204.6	2105.1	2057.4
27.5°	8553.9	6528.3	5278.8	4027.2	3267.1	2507.1	2264.3	2021.6	1961.9	1900.2	1870.3
30°	8599.6	6128.4	4789.3	3450.2	2823.4	2196.7	2039.5	1880.3	1816.6	1753.0	1715.1
32.5°	8651.4	5770.2	4411.2	3050.3	2538.9	2025.5	1896.2	1764.9	1703.2	1641.5	1603.7
35°	8561.8	5477.7	4152.6	2827.4	2355.8	1882.3	1772.9	1661.4	1593.8	1526.1	1490.3
37.5°	8410.6	5183.2	3951.6	2718.0	2236.5	1753.0	1673.4	1591.8	1522.1	1450.5	1416.7
40°	8273.3	4934.5	3802.4	2668.2	2170.8	1671.4	1603.7	1536.1	1464.4	1390.8	1351.0
42.5°	8161.9	4767.4	3655.1	2542.9	2111.1	1677.3	1581.8	1484.3	1414.7	1345.1	1301.3
45°	8078.3	4658.0	3539.7	2421.5	2055.4	1689.3	1567.9	1446.5	1376.9	1305.3	1253.5
47.5°	8070.3	4600.3	3458.2	2316.0	1949.9	1581.8	1532.1	1482.3	1380.9	1277.4	1217.7
50°	8179.8	4506.7	3362.6	2216.6	1848.5	1480.4	1548.0	1613.7	1440.6	1265.5	1189.9
52.5°	8408.6	4341.6	3211.4	2081.3	1725.1	1366.9	1472.4	1575.9	1426.6	1275.4	1177.9
55°	8685.2	4098.8	2982.6	1864.4	1561.9	1257.5	1351.0	1442.6	1349.0	1253.5	1136.1
57.5°	8858.3	3792.4	2694.1	1595.8	1378.9	1162.0	1215.7	1267.5	1229.7	1191.8	1072.5
60°	8754.8	3384.5	2369.8	1353.0	1217.7	1082.4	1072.5	1060.5	1116.2	1172.0	1034.7
62.5°	8249.4	2962.7	2083.2	1203.8	1102.3	998.8	977.0	953.1	1044.6	1134.1	988.9
65°	7395.8	2668.2	1902.2	1136.1	1022.7	909.3	885.4	861.6	889.4	917.3	849.6
67.5°	6311.4	2487.2	1798.7	1110.3	973.0	833.7	805.8	778.0	772.0	766.0	742.2
70°	5193.2	2375.7	1731.1	1086.4	919.3	750.1	724.3	698.4	690.4	680.5	662.6
72.5°	4341.6	2361.8	1723.1	1084.4	875.5	666.6	642.7	618.8	608.9	596.9	583.0
75°	3555.6	2216.6	1635.6	1054.6	815.8	575.0	553.1	531.3	523.3	513.4	501.4
77.5°	2638.4	1834.5	1374.9	915.3	698.4	481.5	459.6	435.8	433.8	429.8	419.8
80°	1711.2	1327.2	982.9	638.7	509.4	378.0	360.1	340.2	342.2	344.2	336.3
82.5°	951.1	774.0	600.9	427.8	348.2	268.6	260.7	250.7	256.7	260.7	250.7
85°	501.4	390.0	322.3	254.7	201.0	147.2	147.2	145.3	153.2	161.2	153.2
87.5°	216.9	137.3	117.4	95.5	53.7	9.9	11.9	11.9	15.9	19.9	17.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320302
 CATALOG NUMBER: GAN-SA8D-730-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: P320302
 CATALOG NUMBER: GAN-SA8D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7
2.5°	13707.3	13562.0	13414.8	13253.6	13283.4	13160.1	13036.7	12959.1	12881.5	12857.6	12833.8
5°	11076.8	10911.7	10744.5	10595.3	10724.6	10637.1	10549.6	10537.6	10523.7	10523.7	10521.7
7.5°	8195.7	8018.6	7839.5	7716.2	7843.5	7827.6	7811.7	7897.2	7982.8	8052.4	8120.1
10°	6659.6	6444.7	6227.9	6044.8	6013.0	5921.4	5827.9	5847.8	5865.7	5941.3	6016.9
12.5°	5788.1	5531.5	5274.8	5059.9	4962.4	4811.2	4658.0	4562.5	4466.9	4476.9	4484.9
15°	4795.3	4546.5	4295.8	4110.8	4049.1	3931.7	3814.3	3694.9	3573.6	3523.8	3472.1
17.5°	3667.1	3468.1	3267.1	3143.8	3143.8	3109.9	3076.1	3016.4	2954.8	2905.0	2853.3
20°	2688.1	2582.7	2475.2	2423.5	2439.4	2441.4	2441.4	2471.2	2501.1	2485.2	2469.3
22.5°	2224.5	2186.7	2148.9	2127.0	2135.0	2137.0	2139.0	2166.8	2192.7	2212.6	2230.5
25°	2007.6	1983.8	1959.9	1951.9	1969.8	1971.8	1971.8	1989.7	2007.6	2027.5	2047.4
27.5°	1838.5	1828.6	1818.6	1804.7	1822.6	1822.6	1820.6	1840.5	1858.4	1876.3	1892.2
30°	1677.3	1681.3	1683.3	1679.3	1691.3	1699.2	1705.2	1719.1	1731.1	1745.0	1758.9
32.5°	1563.9	1558.0	1552.0	1548.0	1573.9	1587.8	1601.7	1615.7	1627.6	1633.6	1639.5
35°	1454.5	1440.6	1426.6	1416.7	1440.6	1458.5	1476.4	1502.2	1526.1	1530.1	1534.1
37.5°	1380.9	1363.0	1345.1	1333.1	1343.1	1351.0	1359.0	1386.8	1414.7	1430.6	1444.5
40°	1311.2	1293.3	1275.4	1265.5	1271.4	1273.4	1275.4	1289.3	1301.3	1331.1	1359.0
42.5°	1255.5	1233.6	1211.7	1199.8	1203.8	1207.8	1209.8	1207.8	1205.8	1233.6	1261.5
45°	1199.8	1175.9	1152.1	1138.1	1140.1	1140.1	1140.1	1136.1	1130.2	1144.1	1158.0
47.5°	1156.0	1128.2	1100.3	1086.4	1082.4	1078.4	1074.5	1072.5	1068.5	1078.4	1086.4
50°	1112.3	1082.4	1050.6	1034.7	1024.7	1020.7	1016.8	1014.8	1010.8	1020.7	1028.7
52.5°	1078.4	1042.6	1006.8	980.9	971.0	965.0	959.1	961.0	961.0	965.0	967.0
55°	1018.7	986.9	953.1	935.2	917.3	913.3	909.3	915.3	919.3	919.3	919.3
57.5°	953.1	923.2	891.4	879.5	863.5	863.5	861.6	869.5	875.5	879.5	883.4
60°	895.4	861.6	827.7	817.8	811.8	809.8	807.8	817.8	825.7	833.7	841.7
62.5°	841.7	805.8	770.0	758.1	756.1	758.1	758.1	768.0	776.0	784.0	791.9
65°	782.0	746.1	708.3	696.4	700.4	706.4	712.3	720.3	726.3	734.2	742.2
67.5°	716.3	686.5	654.6	642.7	644.7	652.6	660.6	666.6	670.5	678.5	686.5
70°	644.7	618.8	592.9	585.0	583.0	592.9	600.9	604.9	608.9	618.8	626.8
72.5°	567.1	545.2	523.3	517.3	519.3	525.3	531.3	537.2	541.2	551.2	559.1
75°	487.5	467.6	447.7	443.7	447.7	453.7	459.6	463.6	467.6	479.5	489.5
77.5°	409.9	388.0	364.1	362.1	368.1	374.1	378.0	384.0	390.0	405.9	421.8
80°	328.3	304.4	278.6	276.6	282.5	288.5	294.5	300.4	306.4	326.3	344.2
82.5°	240.8	212.9	185.0	181.1	201.0	206.9	212.9	222.8	230.8	248.7	266.6
85°	145.3	117.4	89.5	87.5	105.5	115.4	125.4	137.3	147.2	163.2	179.1
87.5°	15.9	8.0	0.0	0.0	2.0	9.9	17.9	27.9	37.8	53.7	67.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320302
 CATALOG NUMBER: GAN-SA8D-730-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: P320302
 CATALOG NUMBER: GAN-SA8D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7
2.5°	12746.2	12656.7	12748.2	12837.7	12875.5	12913.4	12815.9	12716.4	12871.6	13024.8	13064.6
5°	10442.1	10360.5	10422.2	10481.9	10348.6	10215.3	10201.4	10185.4	10300.8	10416.2	10434.1
7.5°	8094.2	8068.4	8126.1	8183.8	8014.6	7843.5	7760.0	7676.4	7704.2	7732.1	7728.1
10°	6034.9	6050.8	6122.4	6192.0	6060.7	5929.4	5871.7	5814.0	5877.7	5939.3	5997.0
12.5°	4520.7	4554.5	4630.1	4703.7	4650.0	4594.3	4600.3	4606.2	4679.8	4751.5	4815.1
15°	3511.9	3551.7	3605.4	3657.1	3659.1	3659.1	3710.8	3760.6	3754.6	3748.7	3792.4
17.5°	2907.0	2958.7	2964.7	2970.7	2972.7	2974.6	2970.7	2966.7	2936.8	2907.0	2940.8
20°	2489.2	2507.1	2523.0	2536.9	2519.0	2499.1	2449.4	2399.6	2379.7	2359.8	2391.7
22.5°	2264.3	2296.1	2280.2	2262.3	2226.5	2188.7	2150.9	2111.1	2109.1	2105.1	2123.0
25°	2075.3	2101.2	2073.3	2045.4	2019.6	1993.7	1967.8	1942.0	1940.0	1938.0	1946.0
27.5°	1918.1	1942.0	1916.1	1890.2	1868.4	1846.5	1826.6	1806.7	1802.7	1798.7	1800.7
30°	1782.8	1804.7	1782.8	1758.9	1743.0	1725.1	1711.2	1697.2	1695.3	1693.3	1693.3
32.5°	1661.4	1683.3	1667.4	1651.5	1637.5	1623.6	1613.7	1603.7	1593.8	1583.8	1561.9
35°	1556.0	1577.9	1567.9	1556.0	1540.1	1524.1	1506.2	1486.3	1460.5	1432.6	1420.7
37.5°	1466.4	1488.3	1478.4	1468.4	1446.5	1424.6	1392.8	1359.0	1351.0	1341.1	1339.1
40°	1394.8	1428.6	1408.7	1386.8	1353.0	1319.2	1303.3	1287.4	1283.4	1279.4	1275.4
42.5°	1315.2	1366.9	1331.1	1295.3	1263.5	1231.6	1227.7	1223.7	1221.7	1219.7	1219.7
45°	1215.7	1271.4	1235.6	1197.8	1179.9	1162.0	1162.0	1162.0	1164.0	1164.0	1168.0
47.5°	1122.2	1156.0	1138.1	1120.2	1110.3	1100.3	1102.3	1104.3	1110.3	1114.2	1124.2
50°	1042.6	1054.6	1058.5	1060.5	1054.6	1048.6	1052.6	1054.6	1060.5	1064.5	1072.5
52.5°	984.9	1002.8	1002.8	1000.8	1000.8	1000.8	1004.8	1008.8	1014.8	1020.7	1028.7
55°	947.1	973.0	965.0	957.1	959.1	959.1	963.0	967.0	973.0	977.0	988.9
57.5°	911.3	939.2	931.2	923.2	923.2	923.2	925.2	927.2	933.2	937.2	945.1
60°	869.5	897.4	889.4	879.5	881.5	883.4	885.4	885.4	889.4	891.4	891.4
62.5°	819.8	847.6	839.7	829.7	835.7	839.7	839.7	839.7	843.6	845.6	839.7
65°	768.0	793.9	785.9	778.0	785.9	791.9	795.9	797.9	795.9	793.9	787.9
67.5°	712.3	738.2	730.2	720.3	730.2	738.2	746.1	752.1	746.1	740.2	732.2
70°	652.6	678.5	668.5	658.6	668.5	678.5	686.5	694.4	686.5	678.5	676.5
72.5°	589.0	618.8	606.9	594.9	606.9	618.8	622.8	626.8	620.8	614.8	610.8
75°	519.3	549.2	539.2	527.3	537.2	547.2	549.2	551.2	551.2	549.2	537.2
77.5°	445.7	469.6	463.6	457.6	463.6	469.6	469.6	469.6	471.6	471.6	455.6
80°	358.2	372.1	374.1	376.1	378.0	380.0	378.0	376.1	372.1	368.1	358.2
82.5°	266.6	266.6	282.5	296.5	296.5	294.5	292.5	288.5	280.6	270.6	248.7
85°	169.1	159.2	185.0	208.9	208.9	206.9	203.0	197.0	181.1	163.2	145.3
87.5°	57.7	47.8	73.6	99.5	101.5	101.5	97.5	93.5	77.6	59.7	45.8
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



REPORT NUMBER: P320302
 CATALOG NUMBER: GAN-SA8D-730-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: P320302

CATALOG NUMBER: GAN-SA8D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7
2.5°	13124.3	13150.1	13174.0	13369.0	13562.0	13788.8	14015.7	14188.8	14359.9	14537.0	14714.1
5°	10495.8	10527.7	10559.5	10796.3	11031.1	11347.4	11663.8	11936.4	12209.0	12529.3	12849.7
7.5°	7779.8	7849.5	7917.1	8169.8	8420.5	8760.8	9099.0	9455.2	9809.4	10227.2	10645.1
10°	6110.5	6241.8	6371.1	6629.8	6888.4	7224.7	7559.0	7931.1	8303.1	8715.0	9124.9
12.5°	4946.5	5121.6	5294.7	5605.1	5915.5	6317.4	6717.3	7131.2	7543.1	7905.2	8267.3
15°	3907.8	4098.8	4287.9	4616.2	4944.5	5386.2	5825.9	6277.6	6727.3	7161.0	7594.8
17.5°	3048.3	3205.5	3360.7	3639.2	3915.8	4343.6	4771.4	5244.9	5718.5	6247.8	6775.0
20°	2459.3	2525.0	2590.6	2791.6	2990.6	3338.8	3685.0	4168.5	4652.0	5284.7	5917.5
22.5°	2154.9	2188.7	2220.5	2318.0	2413.5	2638.4	2861.2	3289.0	3714.8	4405.3	5093.7
25°	1971.8	1997.7	2023.6	2087.2	2150.9	2258.3	2365.8	2666.2	2966.7	3645.2	4321.7
27.5°	1806.7	1846.5	1884.3	1914.1	1942.0	2015.6	2087.2	2284.2	2481.2	3113.9	3744.7
30°	1687.3	1701.2	1715.1	1760.9	1804.7	1880.3	1955.9	2093.2	2230.5	2765.7	3299.0
32.5°	1548.0	1567.9	1587.8	1635.6	1683.3	1753.0	1822.6	1934.0	2043.5	2501.1	2956.7
35°	1422.7	1442.6	1462.5	1510.2	1556.0	1631.6	1705.2	1798.7	1890.2	2288.2	2686.1
37.5°	1345.1	1365.0	1384.9	1426.6	1466.4	1542.0	1615.7	1689.3	1760.9	2129.0	2497.1
40°	1279.4	1299.3	1319.2	1359.0	1396.8	1470.4	1542.0	1603.7	1665.4	2009.6	2353.9
42.5°	1221.7	1243.6	1265.5	1305.3	1343.1	1408.7	1474.4	1556.0	1635.6	1906.2	2174.8
45°	1173.9	1195.8	1215.7	1259.5	1303.3	1366.9	1430.6	1544.0	1657.4	1852.4	2047.4
47.5°	1130.2	1154.0	1175.9	1223.7	1271.4	1351.0	1428.6	1524.1	1617.7	1810.7	2003.7
50°	1088.4	1116.2	1144.1	1201.8	1257.5	1390.8	1522.1	1536.1	1548.0	1776.8	2003.7
52.5°	1048.6	1080.4	1112.3	1183.9	1253.5	1408.7	1563.9	1514.2	1462.5	1713.2	1963.9
55°	1008.8	1036.6	1062.5	1150.1	1237.6	1351.0	1464.4	1398.8	1331.1	1593.8	1856.4
57.5°	955.1	984.9	1012.8	1106.3	1199.8	1279.4	1357.0	1297.3	1235.6	1458.5	1679.3
60°	899.4	933.2	967.0	1086.4	1203.8	1189.9	1173.9	1162.0	1148.1	1307.3	1466.4
62.5°	849.6	885.4	921.2	1076.4	1231.6	1136.1	1040.6	1050.6	1058.5	1175.9	1293.3
65°	799.9	835.7	869.5	947.1	1024.7	986.9	949.1	965.0	978.9	1094.4	1209.8
67.5°	744.2	776.0	805.8	831.7	857.6	861.6	865.5	881.5	897.4	1034.7	1170.0
70°	682.5	708.3	734.2	752.1	768.0	776.0	782.0	801.9	821.8	971.0	1120.2
72.5°	612.8	634.7	654.6	670.5	686.5	692.4	696.4	716.3	736.2	895.4	1054.6
75°	537.2	555.1	571.1	585.0	598.9	606.9	614.8	628.8	642.7	815.8	986.9
77.5°	453.7	471.6	487.5	499.4	509.4	517.3	523.3	541.2	559.1	704.4	847.6
80°	354.2	376.1	396.0	405.9	413.9	415.9	415.9	431.8	447.7	551.2	652.6
82.5°	250.7	274.6	296.5	304.4	312.4	312.4	312.4	330.3	348.2	417.8	485.5
85°	147.2	173.1	197.0	204.9	212.9	216.9	218.9	226.8	232.8	282.5	330.3
87.5°	45.8	67.7	87.5	91.5	95.5	103.5	111.4	113.4	113.4	147.2	181.1
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



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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: P320302

CATALOG NUMBER: GAN-SA8D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7	15161.7
2.5°	14917.0	15120.0	15356.7	15591.5	15792.5	15993.5	16160.6
5°	13257.6	13665.5	14164.9	14662.3	15106.0	15549.7	16065.1
7.5°	11172.3	11699.6	12346.3	12992.9	13619.7	14244.5	15036.4
10°	9662.1	10197.4	10881.8	11564.3	12268.7	12971.1	13866.4
12.5°	8703.1	9136.8	9799.4	10462.0	11289.7	12115.5	12977.0
15°	8070.3	8543.9	9188.6	9833.3	10738.6	11643.9	12634.8
17.5°	7395.8	8014.6	8840.4	9666.1	10738.6	11809.1	12977.0
20°	6689.5	7459.5	8530.0	9600.5	11045.0	12487.6	13977.9
22.5°	5985.1	6876.5	8249.4	9620.3	11508.6	13394.9	15406.5
25°	5350.4	6379.1	8078.3	9775.5	12183.1	14588.7	17083.8
27.5°	4868.9	5991.1	8008.7	10024.3	13038.7	16053.1	18908.4
30°	4441.1	5583.2	7925.1	10267.0	13862.5	17455.9	20335.1
32.5°	4071.0	5185.2	7763.9	10340.6	14437.5	18534.3	21542.8
35°	3780.5	4874.8	7493.3	10111.8	14797.6	19483.4	22800.3
37.5°	3529.8	4562.5	7184.9	9807.4	15118.0	20428.6	24215.0
40°	3291.0	4228.2	6920.3	9610.4	15559.7	21509.0	25709.3
42.5°	3064.2	3953.6	6707.4	9461.2	15969.6	22476.0	27016.6
45°	2895.1	3742.7	6518.4	9292.0	16234.2	23176.4	28001.5
47.5°	2811.5	3617.3	6416.9	9214.4	16498.8	23781.3	28819.3
50°	2799.6	3595.4	6532.3	9469.1	17071.9	24672.7	29754.4
52.5°	2797.6	3631.3	6864.6	10097.9	18136.4	26172.9	30767.2
55°	2755.8	3653.1	7260.5	10865.9	19565.0	28262.1	32587.8
57.5°	2628.4	3577.5	7668.4	11757.3	21075.2	30391.2	34639.2
60°	2431.5	3394.5	8004.7	12612.9	22090.0	31565.1	35429.1
62.5°	2184.7	3074.1	8116.1	13156.1	22062.1	30968.2	34633.3
65°	1973.8	2737.9	7750.0	12760.1	20945.9	29129.7	33059.4
67.5°	1786.8	2401.6	6834.7	11265.9	18938.3	26608.7	31057.7
70°	1651.5	2180.7	5654.8	9128.9	16425.2	23719.6	28739.7
72.5°	1565.9	2075.3	4610.2	7143.1	13329.2	19513.3	24583.1
75°	1448.5	1910.1	3617.3	5322.5	10201.4	15080.2	18568.2
77.5°	1229.7	1609.7	2725.9	3842.2	7485.4	11126.6	12913.4
80°	949.1	1243.6	1874.3	2505.1	5151.4	7797.8	8804.6
82.5°	676.5	867.5	1136.1	1404.8	3422.3	5437.9	5521.5
85°	417.8	505.4	650.6	795.9	2264.3	3732.7	3109.9
87.5°	224.8	268.6	344.2	417.8	724.3	1030.7	592.9
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: P320302
CATALOG NUMBER: GAN-SA8D-730-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)