

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: P320298

Luminaire Tested: **GAN-SA4D-730-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320298
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA4D-730-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 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: 25050 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

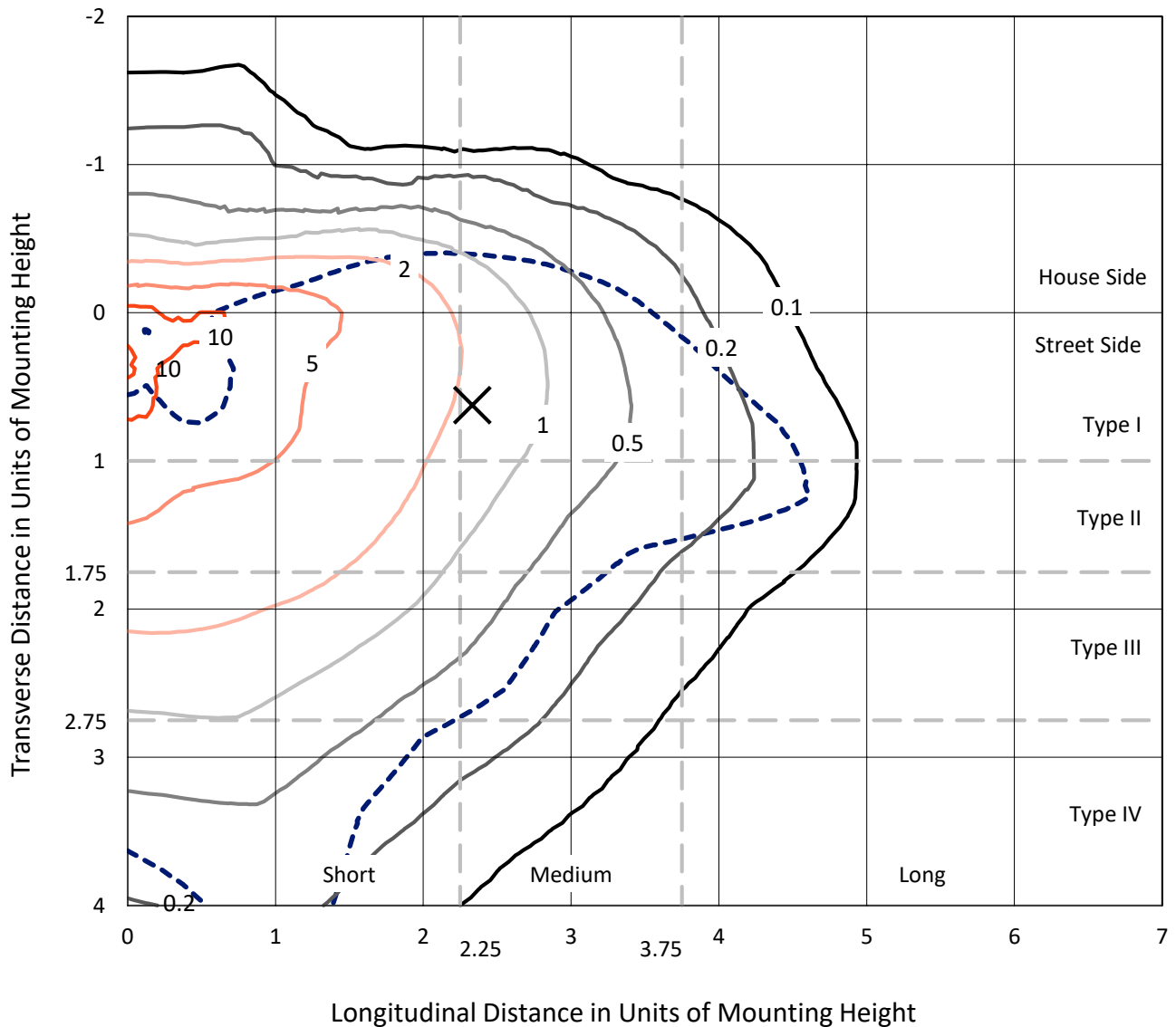
Input Watts (W): 258
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

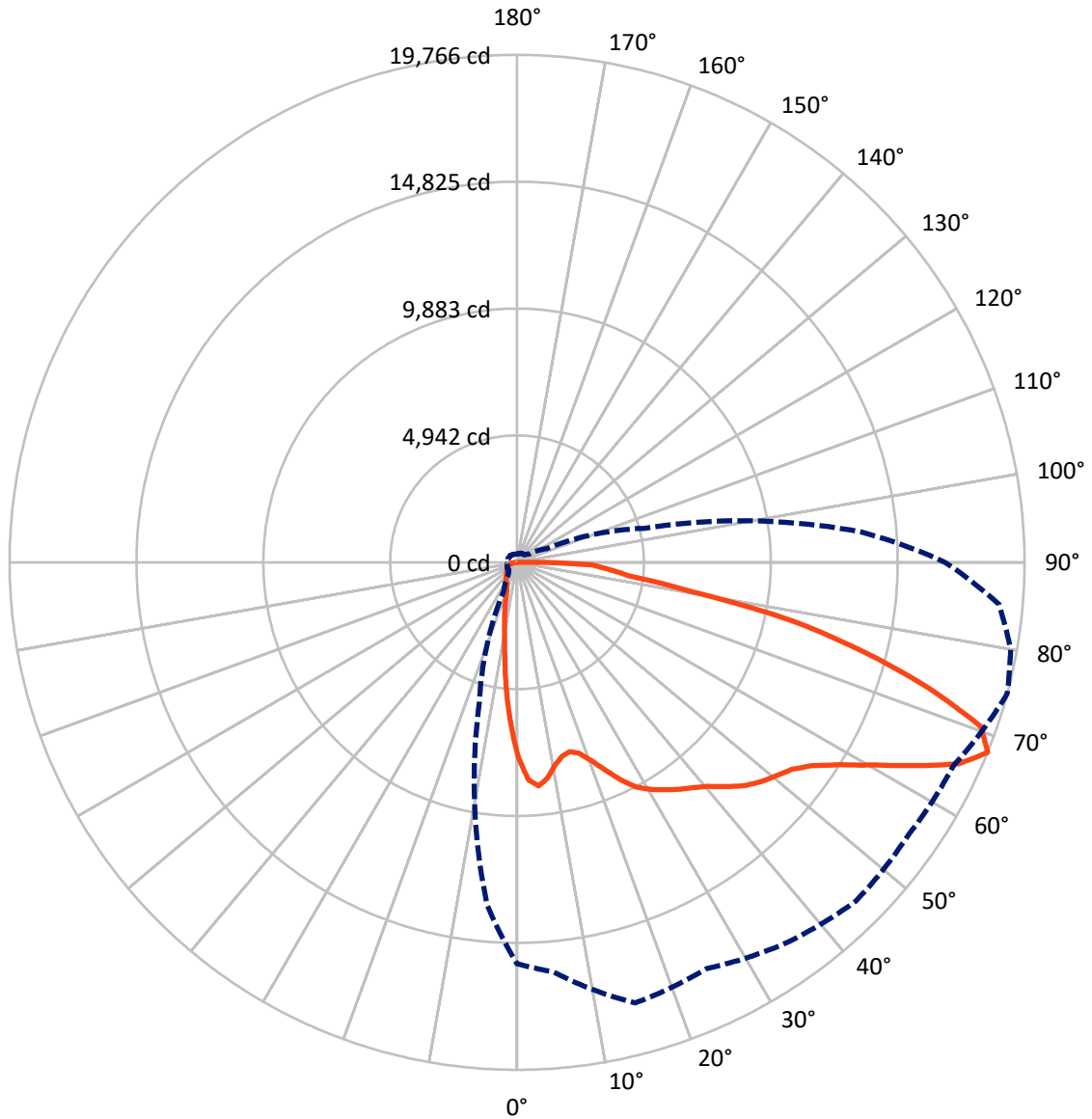
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 15.4 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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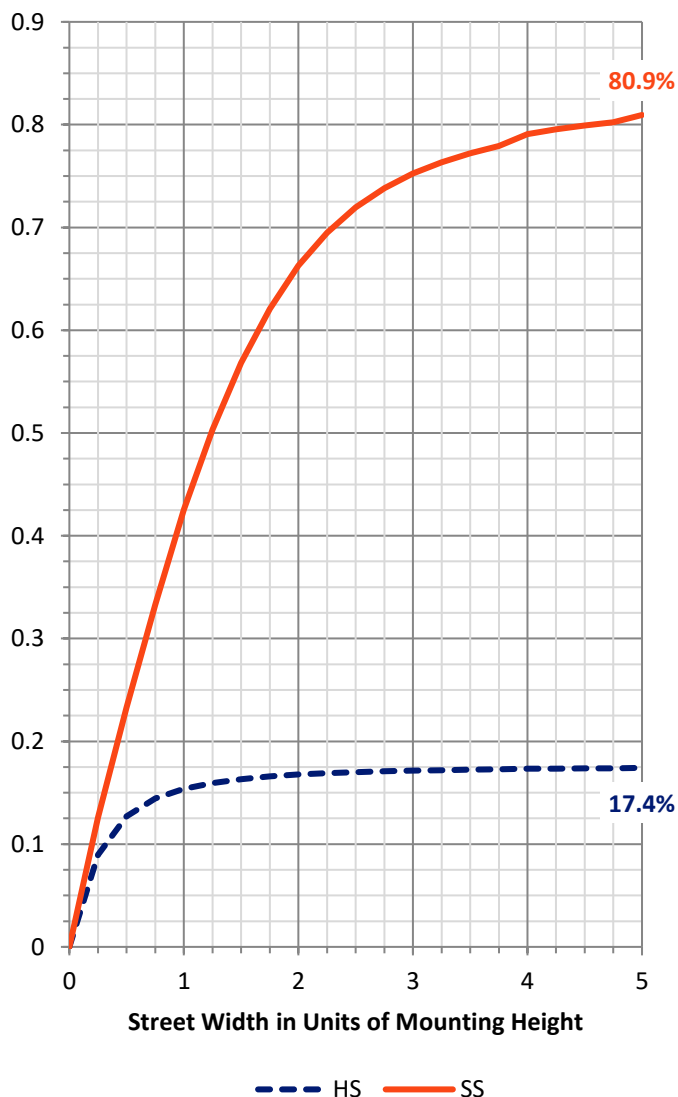
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4411.9	0.0	4411.9
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	20638.1	0.0	20638.1
	% Fixture	82.4	0.0	82.4
Total	Lumens	25050.0	0.0	25050.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	589.0	2.4
10°-20°	1223.6	4.9
20°-30°	1740.2	6.9
30°-40°	2507.6	10.0
40°-50°	3533.9	14.1
50°-60°	4912.7	19.6
60°-70°	5941.0	23.7
70°-80°	3651.8	14.6
80°-90°	950.3	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°	25050.0	100.0
0°-180°	25050.0	100.0

Coefficient of Utilization

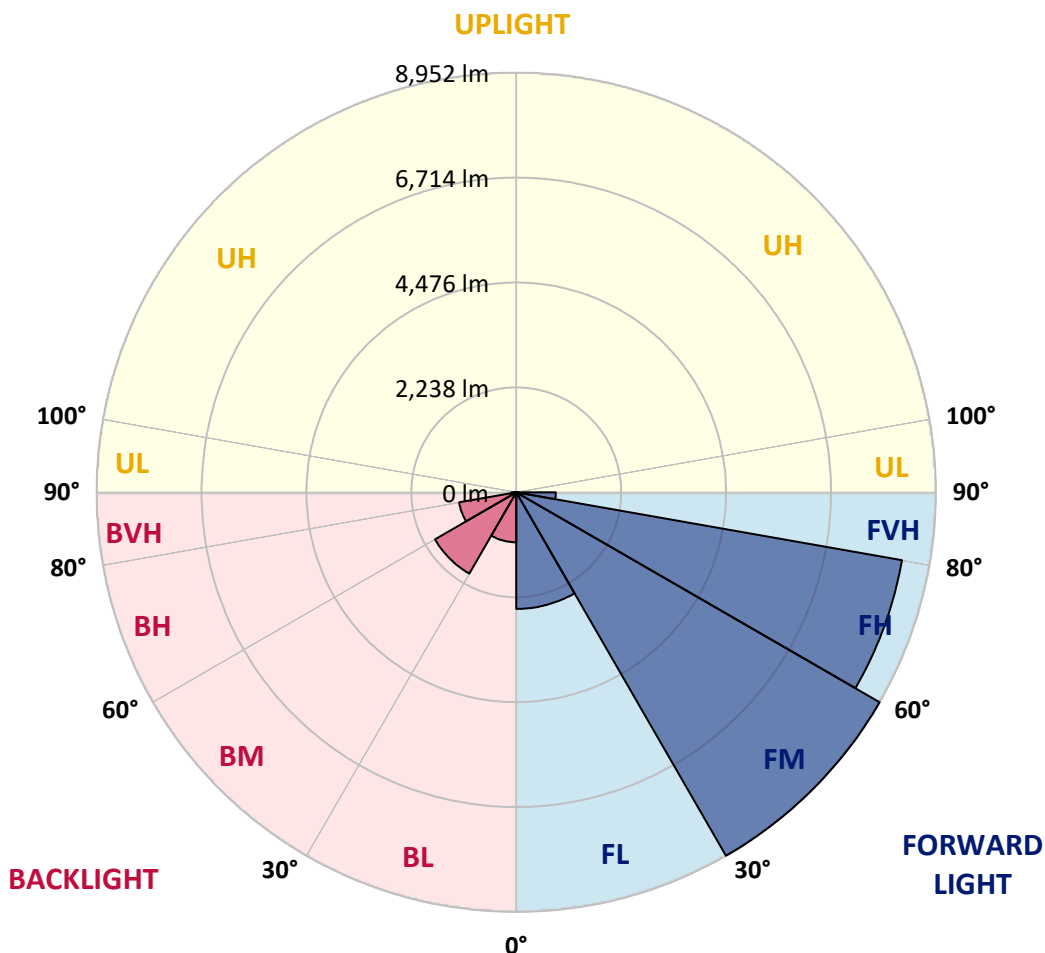


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2487.2	9.9			
FM (30°-60°)	8951.5	35.7			
FH (60°-80°)	8355.8	33.4			G4/12000
FVH (80°-90°)	843.5	3.4			G5
BL (0°-30°)	1065.5	4.3	B3/2500		
BM (30°-60°)	2002.7	8.0	B2/2500		
BH (60°-80°)	1236.9	4.9	B3/2500		G3/2500
BVH (80°-90°)	106.8	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°	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6
2.5°	8134.4	8241.5	8315.6	8388.8	8445.8	8501.9	8584.0	8666.2	8682.2	8697.2	8665.2
5°	8086.3	8347.7	8570.0	8791.4	8996.7	9202.0	9325.2	9448.4	9473.4	9498.4	9421.3
7.5°	7568.5	7954.1	8339.7	8725.3	9078.8	9432.3	9647.7	9862.0	9911.1	9959.1	9832.9
10°	6979.6	7428.3	7902.0	8375.7	8841.4	9307.1	9618.6	9930.1	9992.2	10054.3	9897.0
12.5°	6531.9	7021.7	7527.4	8033.2	8525.0	9015.7	9338.2	9660.7	9737.8	9814.9	9700.7
15°	6359.7	6896.5	7372.2	7847.9	8276.6	8704.2	8968.6	9232.0	9264.1	9295.1	9277.1
17.5°	6531.9	7123.8	7554.5	7984.1	8217.5	8449.8	8556.0	8661.2	8696.2	8730.3	8776.3
20°	7035.7	7674.7	7978.1	8280.6	8270.6	8259.6	8208.5	8156.4	8147.4	8138.4	8268.6
22.5°	7754.8	8496.9	8618.1	8738.3	8456.9	8175.4	8004.2	7831.9	7797.9	7762.8	7901.0
25°	8599.1	9389.3	9367.2	9344.2	8808.4	8271.6	7945.1	7618.6	7580.5	7542.5	7660.6
27.5°	9517.5	10272.6	10128.4	9984.2	9256.1	8528.0	8054.2	7580.5	7542.5	7504.4	7608.6
30°	10235.6	10920.6	10689.2	10457.9	9633.6	8809.4	8246.5	7683.7	7621.6	7558.5	7686.7
32.5°	10843.5	11426.4	11115.9	10805.4	9940.1	9074.8	8465.9	7856.9	7759.8	7662.6	7833.9
35°	11476.4	11931.1	11494.5	11056.8	10213.5	9369.2	8725.3	8080.3	7961.1	7841.9	8077.3
37.5°	12188.5	12566.1	11939.1	11311.2	10521.0	9730.8	9113.9	8495.9	8373.7	8251.5	8552.0
40°	12940.7	13255.1	12418.9	11582.6	10857.5	10132.4	9651.7	9169.9	9053.8	8936.6	9301.1
42.5°	13598.7	13828.0	12865.6	11903.1	11263.1	10622.1	10283.6	9944.1	9943.1	9941.1	10310.7
45°	14094.4	14293.7	13238.1	12181.5	11658.7	11134.9	10958.7	10782.4	10923.6	11064.8	11399.3
47.5°	14506.0	14641.3	13550.6	12458.9	12111.4	11763.9	11789.9	11816.0	12103.4	12390.8	12606.2
50°	14976.8	14867.6	13834.0	12799.5	12692.3	12585.1	12819.5	13052.8	13383.3	13712.8	13859.1
52.5°	15486.5	15197.1	14218.6	13239.1	13359.3	13479.5	13956.2	14432.9	14766.4	15100.0	15155.0
55°	16402.9	15959.3	14925.7	13891.1	14122.5	14352.8	15052.9	15751.9	16012.3	16272.7	16292.8
57.5°	17435.5	17041.9	15916.2	14790.5	15038.9	15287.2	16095.5	16902.7	17184.1	17464.5	17425.5
60°	17833.1	17852.1	16856.6	15860.1	16110.5	16360.9	17148.1	17935.3	18258.8	18581.2	18495.1
62.5°	17432.5	17902.2	17370.4	16837.6	17064.9	17291.3	18062.5	18833.6	19165.1	19496.6	19346.4
65°	16640.3	17106.0	17344.4	17582.7	17657.8	17733.0	18453.0	19172.1	19426.5	19679.9	19603.8
67.5°	15632.8	16009.3	16888.7	17767.0	17615.8	17464.5	17802.1	18139.6	18401.0	18662.4	18619.3
70°	14466.0	14914.7	16087.5	17260.2	16517.1	15773.0	15633.8	15494.6	15777.0	16058.4	15884.1
72.5°	12373.8	13050.8	14301.7	15551.6	14182.6	12813.5	12337.8	11862.0	12219.6	12577.1	12299.7
75°	9346.2	10244.6	11626.7	13007.8	11374.3	9740.8	9105.8	8470.9	8778.3	9085.8	8895.5
77.5°	6499.9	7626.6	8987.7	10348.7	8688.2	7026.7	6555.0	6082.2	6174.4	6265.5	6233.5
80°	4431.7	5172.9	6122.3	7070.7	5965.1	4859.4	4896.4	4932.5	4889.4	4845.4	4909.5
82.5°	2779.2	3301.0	4034.1	4766.2	4179.4	3592.5	3929.0	4265.5	4100.2	3934.0	3996.1
85°	1565.4	1883.9	2601.0	3317.0	3091.7	2865.4	3062.7	3259.0	3002.6	2746.2	2859.3
87.5°	298.5	496.8	1439.2	2380.6	2161.3	1942.0	1687.6	1433.2	1093.7	754.1	1101.7
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°	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6
2.5°	8633.1	8616.1	8599.1	8538.0	8475.9	8383.7	8307.6	8175.4	8103.3	7994.2	7885.0
5°	9343.2	9235.0	9126.9	8940.6	8753.3	8545.0	8305.6	8040.2	7839.9	7579.5	7319.1
7.5°	9706.8	9454.4	9201.0	8843.4	8484.9	8162.4	7783.8	7431.3	7130.8	6792.3	6453.8
10°	9739.8	9361.2	8981.7	8516.9	8051.2	7659.6	7224.0	6832.4	6471.8	6083.2	5693.7
12.5°	9585.6	9183.0	8779.3	8267.6	7754.8	7310.1	6841.4	6402.7	6003.1	5575.5	5146.8
15°	9259.1	8937.6	8615.1	8135.4	7655.6	7207.0	6752.3	6232.5	5780.8	5343.1	4904.5
17.5°	8821.4	8669.2	8515.9	8169.4	7821.9	7433.3	6992.6	6382.7	5853.9	5378.2	4902.5
20°	8397.8	8453.8	8508.9	8370.7	8232.5	7921.0	7536.5	6851.4	6176.4	5554.4	4931.5
22.5°	8038.2	8307.6	8576.0	8683.2	8789.4	8602.1	8301.6	7509.4	6616.1	5803.8	4991.6
25°	7777.8	8224.5	8671.2	9027.7	9383.3	9300.1	9068.8	8308.6	7198.9	6163.4	5126.8
27.5°	7712.7	8260.6	8808.4	9361.2	9913.1	9990.2	9926.1	9150.9	7894.0	6610.0	5325.1
30°	7814.9	8369.7	8923.6	9596.6	10268.6	10576.1	10662.2	9853.0	8688.2	7130.8	5572.5
32.5°	8005.2	8549.0	9092.8	9825.9	10558.0	11022.8	11297.2	10495.0	9242.0	7523.4	5803.8
35°	8312.6	8821.4	9330.2	10093.3	10856.5	11457.4	11958.2	11158.0	9733.8	7797.9	5860.9
37.5°	8851.5	9289.1	9726.8	10431.9	11135.9	11915.1	12667.3	11888.1	10265.6	8062.3	5857.9
40°	9665.7	9975.2	10283.6	10879.5	11474.4	12454.9	13470.5	12702.3	10853.5	8348.7	5843.9
42.5°	10680.2	10839.5	10997.7	11469.4	11941.2	13018.8	14199.6	13498.5	11414.3	8615.1	5815.8
45°	11732.8	11774.9	11817.0	12114.4	12410.9	13465.5	14696.3	14096.4	11904.1	8846.4	5787.8
47.5°	12820.5	12676.3	12532.0	12650.2	12768.4	13808.0	15050.9	14550.1	12395.8	9102.8	5808.8
50°	14005.3	13603.7	13202.1	13140.0	13077.9	14150.5	15468.5	15127.0	12986.7	9476.4	5966.1
52.5°	15209.1	14547.1	13885.1	13639.7	13393.4	14559.1	16022.4	15845.1	13830.0	10055.3	6279.5
55°	16312.8	15470.5	14628.2	14297.7	13967.2	15184.1	16698.4	16899.7	14910.7	10795.4	6679.2
57.5°	17385.4	16431.0	15476.5	15170.1	14863.6	16102.5	17554.7	17846.1	16002.3	11505.5	7007.7
60°	18409.0	17464.5	16519.1	16273.7	16027.4	17244.2	18480.1	18267.8	16565.2	11838.0	7109.8
62.5°	19196.2	18445.0	17693.9	17564.7	17434.5	18399.0	19191.2	18103.5	16207.6	11510.5	6813.4
65°	19527.7	19100.0	18671.4	18792.6	18912.7	19272.3	19368.4	17622.8	15083.9	10593.1	6102.3
67.5°	18575.2	18662.4	18749.5	19258.3	19766.0	19518.7	18841.6	16675.3	13484.5	9293.1	5101.8
70°	15708.9	16231.7	16753.5	17957.3	19160.1	18611.3	17430.5	14974.8	11559.6	7795.8	4031.1
72.5°	12021.3	12609.2	13196.1	14982.8	16768.5	16262.7	14816.5	12299.7	9268.1	6225.5	3181.8
75°	8704.2	9368.2	10031.2	12002.2	13973.2	13271.2	11082.8	8806.4	7039.7	4752.2	2463.7
77.5°	6200.4	6645.1	7089.8	9036.7	10982.7	9839.0	7377.2	5926.0	4872.4	3303.0	1732.6
80°	4973.6	4837.4	4701.1	5785.8	6870.4	6680.2	4879.4	3805.8	3372.1	2213.4	1054.6
82.5°	4057.2	3724.7	3392.2	3902.9	4413.7	4385.7	3386.1	2792.2	2509.8	1538.3	566.9
85°	2971.5	2838.3	2705.1	3156.8	3608.5	3222.9	2293.5	1774.7	1957.0	1132.7	308.5
87.5°	1449.2	1655.5	1860.8	2393.6	2925.4	2196.3	696.1	344.5	476.7	313.5	149.2
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: P320298
 CATALOG NUMBER: GAN-SA4D-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: P320298

CATALOG NUMBER: GAN-SA4D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6
2.5°	7803.9	7721.7	7628.6	7535.5	7429.3	7322.1	7259.0	7194.9	7125.8	7056.7	6978.6
5°	7146.9	6974.6	6779.3	6584.0	6390.7	6197.4	6093.3	5989.1	5878.9	5767.8	5671.6
7.5°	6203.4	5952.0	5681.6	5410.2	5169.9	4928.5	4779.3	4629.0	4492.8	4355.6	4240.4
10°	5373.2	5052.7	4781.3	4508.9	4327.6	4146.3	4009.1	3871.9	3739.7	3606.5	3479.3
12.5°	4826.3	4505.8	4333.6	4161.3	4011.1	3860.9	3702.6	3543.4	3362.1	3179.8	3046.6
15°	4613.0	4321.6	4130.3	3938.0	3736.7	3534.4	3340.1	3145.8	2931.5	2717.1	2565.9
17.5°	4520.9	4139.3	3871.9	3603.5	3338.1	3072.7	2847.3	2622.0	2387.6	2153.3	2000.0
20°	4423.7	3916.0	3557.4	3197.9	2857.3	2516.8	2261.4	2006.0	1796.7	1587.4	1470.2
22.5°	4335.6	3678.6	3228.9	2778.2	2375.6	1973.0	1722.6	1471.2	1343.0	1214.8	1167.8
25°	4299.5	3471.3	2918.4	2365.6	1941.0	1515.3	1337.0	1158.8	1109.7	1059.6	1035.6
27.5°	4305.5	3286.0	2657.0	2027.1	1644.5	1261.9	1139.7	1017.5	987.5	956.5	941.4
30°	4328.6	3084.7	2410.7	1736.6	1421.2	1105.7	1026.6	946.4	914.4	882.3	863.3
32.5°	4354.6	2904.4	2220.4	1535.3	1277.9	1019.5	954.5	888.4	857.3	826.3	807.2
35°	4309.6	2757.2	2090.2	1423.2	1185.8	947.4	892.4	836.3	802.2	768.2	750.1
37.5°	4233.4	2609.0	1989.0	1368.1	1125.7	882.3	842.3	801.2	766.2	730.1	713.1
40°	4164.3	2483.8	1913.9	1343.0	1092.7	841.3	807.2	773.2	737.1	700.1	680.0
42.5°	4108.2	2399.6	1839.8	1279.9	1062.6	844.3	796.2	747.1	712.1	677.0	655.0
45°	4066.2	2344.6	1781.7	1218.9	1034.6	850.3	789.2	728.1	693.1	657.0	631.0
47.5°	4062.2	2315.5	1740.6	1165.8	981.5	796.2	771.2	746.1	695.1	643.0	612.9
50°	4117.3	2268.4	1692.6	1115.7	930.4	745.1	779.2	812.2	725.1	637.0	598.9
52.5°	4232.4	2185.3	1616.5	1047.6	868.3	688.0	741.1	793.2	718.1	642.0	592.9
55°	4371.6	2063.1	1501.3	938.4	786.2	633.0	680.0	726.1	679.0	631.0	571.9
57.5°	4458.8	1908.9	1356.1	803.2	694.1	584.9	611.9	638.0	618.9	599.9	539.8
60°	4406.7	1703.6	1192.8	681.0	612.9	544.8	539.8	533.8	561.9	589.9	520.8
62.5°	4152.3	1491.3	1048.6	605.9	554.8	502.8	491.7	479.7	525.8	570.9	497.8
65°	3722.7	1343.0	957.5	571.9	514.8	457.7	445.7	433.7	447.7	461.7	427.7
67.5°	3176.8	1251.9	905.4	558.8	489.7	419.6	405.6	391.6	388.6	385.6	373.6
70°	2614.0	1195.8	871.3	546.8	462.7	377.6	364.6	351.5	347.5	342.5	333.5
72.5°	2185.3	1188.8	867.3	545.8	440.7	335.5	323.5	311.5	306.5	300.5	293.4
75°	1789.7	1115.7	823.3	530.8	410.6	289.4	278.4	267.4	263.4	258.4	252.4
77.5°	1328.0	923.4	692.1	460.7	351.5	242.4	231.4	219.3	218.3	216.3	211.3
80°	861.3	668.0	494.8	321.5	256.4	190.3	181.3	171.3	172.3	173.3	169.3
82.5°	478.7	389.6	302.5	215.3	175.3	135.2	131.2	126.2	129.2	131.2	126.2
85°	252.4	196.3	162.2	128.2	101.2	74.1	74.1	73.1	77.1	81.1	77.1
87.5°	109.2	69.1	59.1	48.1	27.0	5.0	6.0	6.0	8.0	10.0	9.0
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: P320298
 CATALOG NUMBER: GAN-SA4D-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: P320298

CATALOG NUMBER: GAN-SA4D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6
2.5°	6899.5	6826.4	6752.3	6671.1	6686.2	6624.1	6562.0	6522.9	6483.9	6471.8	6459.8
5°	5575.5	5492.3	5408.2	5333.1	5398.2	5354.1	5310.1	5304.1	5297.1	5297.1	5296.0
7.5°	4125.3	4036.1	3946.0	3883.9	3948.0	3940.0	3932.0	3975.0	4018.1	4053.2	4087.2
10°	3352.1	3243.9	3134.8	3042.6	3026.6	2980.5	2933.5	2943.5	2952.5	2990.5	3028.6
12.5°	2913.4	2784.2	2655.0	2546.9	2497.8	2421.7	2344.6	2296.5	2248.4	2253.4	2257.4
15°	2413.7	2288.5	2162.3	2069.1	2038.1	1979.0	1919.9	1859.8	1798.7	1773.7	1747.7
17.5°	1845.8	1745.7	1644.5	1582.4	1582.4	1565.4	1548.4	1518.3	1487.3	1462.2	1436.2
20°	1353.1	1300.0	1245.9	1219.9	1227.9	1228.9	1228.9	1243.9	1258.9	1250.9	1242.9
22.5°	1119.7	1100.7	1081.6	1070.6	1074.6	1075.6	1076.6	1090.7	1103.7	1113.7	1122.7
25°	1010.5	998.5	986.5	982.5	991.5	992.5	992.5	1001.5	1010.5	1020.6	1030.6
27.5°	925.4	920.4	915.4	908.4	917.4	917.4	916.4	926.4	935.4	944.4	952.4
30°	844.3	846.3	847.3	845.3	851.3	855.3	858.3	865.3	871.3	878.3	885.3
32.5°	787.2	784.2	781.2	779.2	792.2	799.2	806.2	813.2	819.2	822.2	825.3
35°	732.1	725.1	718.1	713.1	725.1	734.1	743.1	756.1	768.2	770.2	772.2
37.5°	695.1	686.0	677.0	671.0	676.0	680.0	684.0	698.1	712.1	720.1	727.1
40°	660.0	651.0	642.0	637.0	640.0	641.0	642.0	649.0	655.0	670.0	684.0
42.5°	632.0	620.9	609.9	603.9	605.9	607.9	608.9	607.9	606.9	620.9	635.0
45°	603.9	591.9	579.9	572.9	573.9	573.9	573.9	571.9	568.9	575.9	582.9
47.5°	581.9	567.9	553.8	546.8	544.8	542.8	540.8	539.8	537.8	542.8	546.8
50°	559.9	544.8	528.8	520.8	515.8	513.8	511.8	510.8	508.8	513.8	517.8
52.5°	542.8	524.8	506.8	493.8	488.7	485.7	482.7	483.7	483.7	485.7	486.7
55°	512.8	496.8	479.7	470.7	461.7	459.7	457.7	460.7	462.7	462.7	462.7
57.5°	479.7	464.7	448.7	442.7	434.7	434.7	433.7	437.7	440.7	442.7	444.7
60°	450.7	433.7	416.6	411.6	408.6	407.6	406.6	411.6	415.6	419.6	423.6
62.5°	423.6	405.6	387.6	381.6	380.6	381.6	381.6	386.6	390.6	394.6	398.6
65°	393.6	375.6	356.5	350.5	352.5	355.5	358.5	362.6	365.6	369.6	373.6
67.5°	360.5	345.5	329.5	323.5	324.5	328.5	332.5	335.5	337.5	341.5	345.5
70°	324.5	311.5	298.5	294.4	293.4	298.5	302.5	304.5	306.5	311.5	315.5
72.5°	285.4	274.4	263.4	260.4	261.4	264.4	267.4	270.4	272.4	277.4	281.4
75°	245.4	235.4	225.3	223.3	225.3	228.3	231.4	233.4	235.4	241.4	246.4
77.5°	206.3	195.3	183.3	182.3	185.3	188.3	190.3	193.3	196.3	204.3	212.3
80°	165.3	153.2	140.2	139.2	142.2	145.2	148.2	151.2	154.2	164.2	173.3
82.5°	121.2	107.2	93.1	91.1	101.2	104.2	107.2	112.2	116.2	125.2	134.2
85°	73.1	59.1	45.1	44.1	53.1	58.1	63.1	69.1	74.1	82.1	90.1
87.5°	8.0	4.0	0.0	0.0	1.0	5.0	9.0	14.0	19.0	27.0	34.1
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: P320298
 CATALOG NUMBER: GAN-SA4D-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: P320298

CATALOG NUMBER: GAN-SA4D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6
2.5°	6415.8	6370.7	6416.8	6461.8	6480.9	6499.9	6450.8	6400.7	6478.8	6556.0	6576.0
5°	5256.0	5214.9	5246.0	5276.0	5208.9	5141.8	5134.8	5126.8	5184.9	5243.0	5252.0
7.5°	4074.2	4061.2	4090.2	4119.3	4034.1	3948.0	3905.9	3863.9	3877.9	3891.9	3889.9
10°	3037.6	3045.6	3081.7	3116.7	3050.6	2984.5	2955.5	2926.4	2958.5	2989.5	3018.6
12.5°	2275.5	2292.5	2330.5	2367.6	2340.6	2312.5	2315.5	2318.5	2355.6	2391.6	2423.7
15°	1767.7	1787.7	1814.8	1840.8	1841.8	1841.8	1867.8	1892.9	1889.9	1886.9	1908.9
17.5°	1463.2	1489.3	1492.3	1495.3	1496.3	1497.3	1495.3	1493.3	1478.2	1463.2	1480.2
20°	1252.9	1261.9	1269.9	1276.9	1267.9	1257.9	1232.9	1207.8	1197.8	1187.8	1203.8
22.5°	1139.7	1155.8	1147.7	1138.7	1120.7	1101.7	1082.6	1062.6	1061.6	1059.6	1068.6
25°	1044.6	1057.6	1043.6	1029.6	1016.5	1003.5	990.5	977.5	976.5	975.5	979.5
27.5°	965.5	977.5	964.5	951.4	940.4	929.4	919.4	909.4	907.4	905.4	906.4
30°	897.4	908.4	897.4	885.3	877.3	868.3	861.3	854.3	853.3	852.3	852.3
32.5°	836.3	847.3	839.3	831.3	824.3	817.2	812.2	807.2	802.2	797.2	786.2
35°	783.2	794.2	789.2	783.2	775.2	767.2	758.2	748.1	735.1	721.1	715.1
37.5°	738.1	749.1	744.1	739.1	728.1	717.1	701.1	684.0	680.0	675.0	674.0
40°	702.1	719.1	709.1	698.1	681.0	664.0	656.0	648.0	646.0	644.0	642.0
42.5°	662.0	688.0	670.0	652.0	636.0	619.9	617.9	615.9	614.9	613.9	613.9
45°	611.9	640.0	621.9	602.9	593.9	584.9	584.9	584.9	585.9	585.9	587.9
47.5°	564.9	581.9	572.9	563.9	558.8	553.8	554.8	555.8	558.8	560.9	565.9
50°	524.8	530.8	532.8	533.8	530.8	527.8	529.8	530.8	533.8	535.8	539.8
52.5°	495.8	504.8	504.8	503.8	503.8	503.8	505.8	507.8	510.8	513.8	517.8
55°	476.7	489.7	485.7	481.7	482.7	482.7	484.7	486.7	489.7	491.7	497.8
57.5°	458.7	472.7	468.7	464.7	464.7	464.7	465.7	466.7	469.7	471.7	475.7
60°	437.7	451.7	447.7	442.7	443.7	444.7	445.7	445.7	447.7	448.7	448.7
62.5°	412.6	426.6	422.6	417.6	420.6	422.6	422.6	422.6	424.6	425.6	422.6
65°	386.6	399.6	395.6	391.6	395.6	398.6	400.6	401.6	400.6	399.6	396.6
67.5°	358.5	371.6	367.6	362.6	367.6	371.6	375.6	378.6	375.6	372.6	368.6
70°	328.5	341.5	336.5	331.5	336.5	341.5	345.5	349.5	345.5	341.5	340.5
72.5°	296.5	311.5	305.5	299.5	305.5	311.5	313.5	315.5	312.5	309.5	307.5
75°	261.4	276.4	271.4	265.4	270.4	275.4	276.4	277.4	277.4	276.4	270.4
77.5°	224.3	236.4	233.4	230.4	233.4	236.4	236.4	236.4	237.4	237.4	229.3
80°	180.3	187.3	188.3	189.3	190.3	191.3	190.3	189.3	187.3	185.3	180.3
82.5°	134.2	134.2	142.2	149.2	149.2	148.2	147.2	145.2	141.2	136.2	125.2
85°	85.1	80.1	93.1	105.2	105.2	104.2	102.2	99.2	91.1	82.1	73.1
87.5°	29.0	24.0	37.1	50.1	51.1	51.1	49.1	47.1	39.1	30.0	23.0
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):

	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: P320298
 CATALOG NUMBER: GAN-SA4D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6
2.5°	6606.0	6619.1	6631.1	6729.2	6826.4	6940.5	7054.7	7141.9	7228.0	7317.1	7406.3
5°	5283.0	5299.1	5315.1	5434.3	5552.4	5711.7	5870.9	6008.1	6145.3	6306.6	6467.8
7.5°	3916.0	3951.0	3985.1	4112.3	4238.4	4409.7	4580.0	4759.2	4937.5	5147.8	5358.1
10°	3075.7	3141.8	3206.9	3337.1	3467.3	3636.5	3804.8	3992.1	4179.4	4386.7	4593.0
12.5°	2489.8	2577.9	2665.1	2821.3	2977.5	3179.8	3381.1	3589.5	3796.8	3979.0	4161.3
15°	1967.0	2063.1	2158.3	2323.5	2488.8	2711.1	2932.5	3159.8	3386.1	3604.5	3822.8
17.5°	1534.3	1613.5	1691.6	1831.8	1971.0	2186.3	2401.7	2640.0	2878.4	3144.8	3410.2
20°	1237.9	1270.9	1304.0	1405.1	1505.3	1680.6	1854.8	2098.2	2341.6	2660.0	2978.5
22.5°	1084.6	1101.7	1117.7	1166.8	1214.8	1328.0	1440.2	1655.5	1869.8	2217.4	2563.9
25°	992.5	1005.5	1018.5	1050.6	1082.6	1136.7	1190.8	1342.0	1493.3	1834.8	2175.3
27.5°	909.4	929.4	948.4	963.5	977.5	1014.5	1050.6	1149.7	1248.9	1567.4	1884.9
30°	849.3	856.3	863.3	886.3	908.4	946.4	984.5	1053.6	1122.7	1392.1	1660.5
32.5°	779.2	789.2	799.2	823.3	847.3	882.3	917.4	973.5	1028.6	1258.9	1488.3
35°	716.1	726.1	736.1	760.2	783.2	821.2	858.3	905.4	951.4	1151.8	1352.1
37.5°	677.0	687.0	697.1	718.1	738.1	776.2	813.2	850.3	886.3	1071.6	1256.9
40°	644.0	654.0	664.0	684.0	703.1	740.1	776.2	807.2	838.3	1011.5	1184.8
42.5°	614.9	626.0	637.0	657.0	676.0	709.1	742.1	783.2	823.3	959.5	1094.7
45°	590.9	601.9	611.9	634.0	656.0	688.0	720.1	777.2	834.3	932.4	1030.6
47.5°	568.9	580.9	591.9	615.9	640.0	680.0	719.1	767.2	814.2	911.4	1008.5
50°	547.8	561.9	575.9	604.9	633.0	700.1	766.2	773.2	779.2	894.4	1008.5
52.5°	527.8	543.8	559.9	595.9	631.0	709.1	787.2	762.2	736.1	862.3	988.5
55°	507.8	521.8	534.8	578.9	622.9	680.0	737.1	704.1	670.0	802.2	934.4
57.5°	480.7	495.8	509.8	556.8	603.9	644.0	683.0	653.0	621.9	734.1	845.3
60°	452.7	469.7	486.7	546.8	605.9	598.9	590.9	584.9	577.9	658.0	738.1
62.5°	427.7	445.7	463.7	541.8	619.9	571.9	523.8	528.8	532.8	591.9	651.0
65°	402.6	420.6	437.7	476.7	515.8	496.8	477.7	485.7	492.7	550.8	608.9
67.5°	374.6	390.6	405.6	418.6	431.7	433.7	435.7	443.7	451.7	520.8	588.9
70°	343.5	356.5	369.6	378.6	386.6	390.6	393.6	403.6	413.6	488.7	563.9
72.5°	308.5	319.5	329.5	337.5	345.5	348.5	350.5	360.5	370.6	450.7	530.8
75°	270.4	279.4	287.4	294.4	301.5	305.5	309.5	316.5	323.5	410.6	496.8
77.5°	228.3	237.4	245.4	251.4	256.4	260.4	263.4	272.4	281.4	354.5	426.6
80°	178.3	189.3	199.3	204.3	208.3	209.3	209.3	217.3	225.3	277.4	328.5
82.5°	126.2	138.2	149.2	153.2	157.2	157.2	157.2	166.3	175.3	210.3	244.4
85°	74.1	87.1	99.2	103.2	107.2	109.2	110.2	114.2	117.2	142.2	166.3
87.5°	23.0	34.1	44.1	46.1	48.1	52.1	56.1	57.1	57.1	74.1	91.1
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: P320298
 CATALOG NUMBER: GAN-SA4D-730-U-SLL

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: P320298

CATALOG NUMBER: GAN-SA4D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6	7631.6
2.5°	7508.4	7610.6	7729.7	7847.9	7949.1	8050.2	8134.4
5°	6673.1	6878.5	7129.8	7380.2	7603.6	7826.9	8086.3
7.5°	5623.5	5889.0	6214.4	6539.9	6855.4	7169.9	7568.5
10°	4863.4	5132.8	5477.3	5820.8	6175.4	6528.9	6979.6
12.5°	4380.7	4599.0	4932.5	5266.0	5682.6	6098.3	6531.9
15°	4062.2	4300.5	4625.0	4949.5	5405.2	5860.9	6359.7
17.5°	3722.7	4034.1	4449.8	4865.4	5405.2	5944.0	6531.9
20°	3367.1	3754.7	4293.5	4832.3	5559.5	6285.6	7035.7
22.5°	3012.6	3461.3	4152.3	4842.4	5792.8	6742.2	7754.8
25°	2693.1	3210.9	4066.2	4920.5	6132.3	7343.2	8599.1
27.5°	2450.7	3015.6	4031.1	5045.7	6563.0	8080.3	9517.5
30°	2235.4	2810.3	3989.1	5167.9	6977.6	8786.4	10235.6
32.5°	2049.1	2610.0	3907.9	5204.9	7267.0	9329.2	10843.5
35°	1902.9	2453.7	3771.7	5089.7	7448.3	9806.9	11476.4
37.5°	1776.7	2296.5	3616.5	4936.5	7609.6	10282.6	12188.5
40°	1656.5	2128.2	3483.3	4837.4	7831.9	10826.5	12940.7
42.5°	1542.3	1990.0	3376.1	4762.2	8038.2	11313.2	13598.7
45°	1457.2	1883.9	3281.0	4677.1	8171.4	11665.7	14094.4
47.5°	1415.2	1820.8	3229.9	4638.0	8304.6	11970.2	14506.0
50°	1409.1	1809.8	3288.0	4766.2	8593.1	12418.9	14976.8
52.5°	1408.1	1827.8	3455.3	5082.7	9128.9	13174.0	15486.5
55°	1387.1	1838.8	3654.6	5469.3	9848.0	14225.6	16402.9
57.5°	1323.0	1800.7	3859.9	5918.0	10608.1	15297.3	17435.5
60°	1223.9	1708.6	4029.1	6348.6	11118.9	15888.1	17833.1
62.5°	1099.7	1547.4	4085.2	6622.1	11104.9	15587.7	17432.5
65°	993.5	1378.1	3900.9	6422.8	10543.0	14662.3	16640.3
67.5°	899.4	1208.8	3440.2	5670.6	9532.5	13393.4	15632.8
70°	831.3	1097.7	2846.3	4595.0	8267.6	11939.1	14466.0
72.5°	788.2	1044.6	2320.5	3595.5	6709.2	9821.9	12373.8
75°	729.1	961.5	1820.8	2679.1	5134.8	7590.5	9346.2
77.5°	618.9	810.2	1372.1	1933.9	3767.7	5600.5	6499.9
80°	477.7	626.0	943.4	1260.9	2592.9	3925.0	4431.7
82.5°	340.5	436.7	571.9	707.1	1722.6	2737.2	2779.2
85°	210.3	254.4	327.5	400.6	1139.7	1878.9	1565.4
87.5°	113.2	135.2	173.3	210.3	364.6	518.8	298.5
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: P320298
CATALOG NUMBER: GAN-SA4D-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)