

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: P320296

Luminaire Tested: **GAN-SA2D-730-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320296
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-SA2D-730-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(2) 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: 12705 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

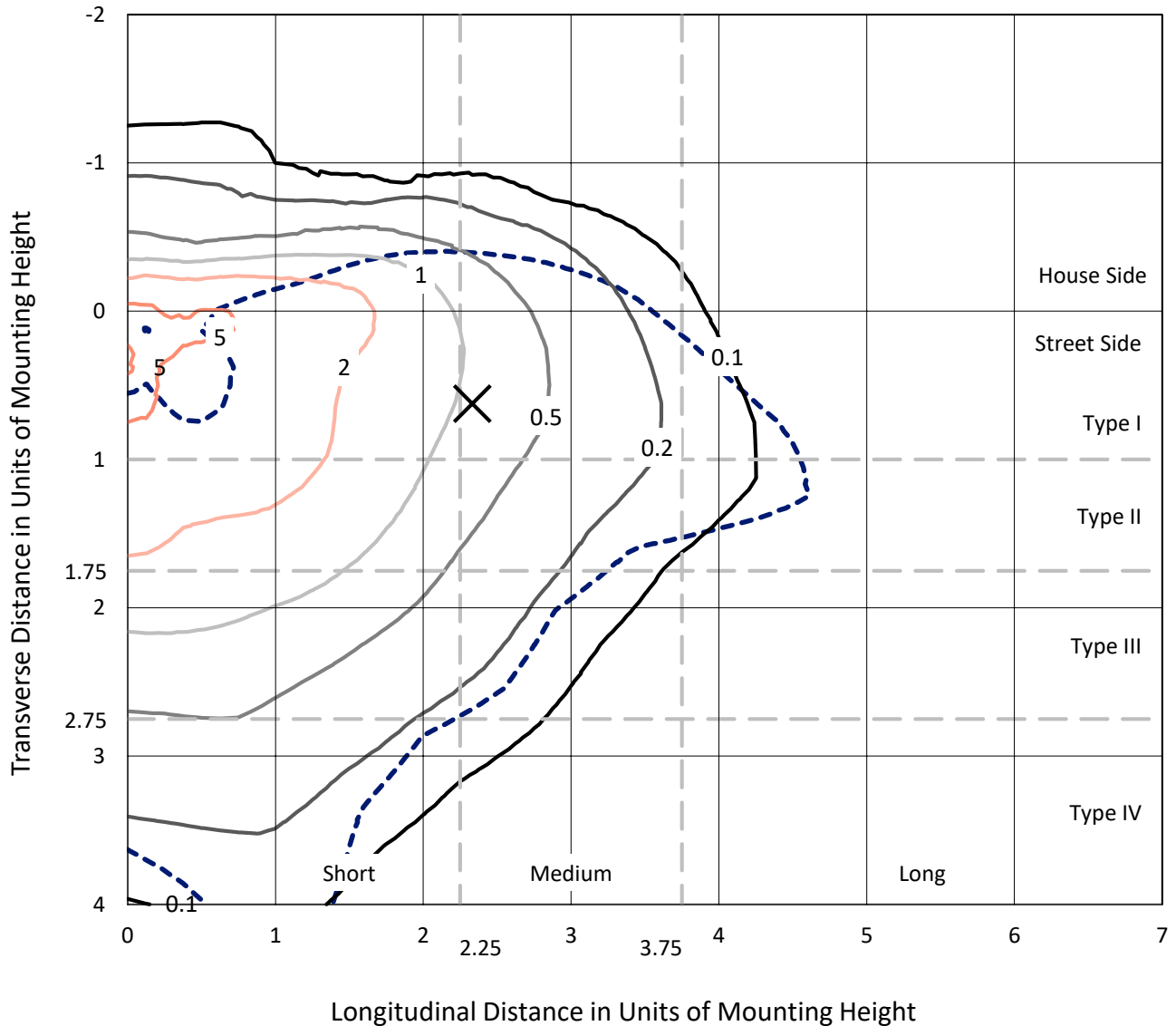
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

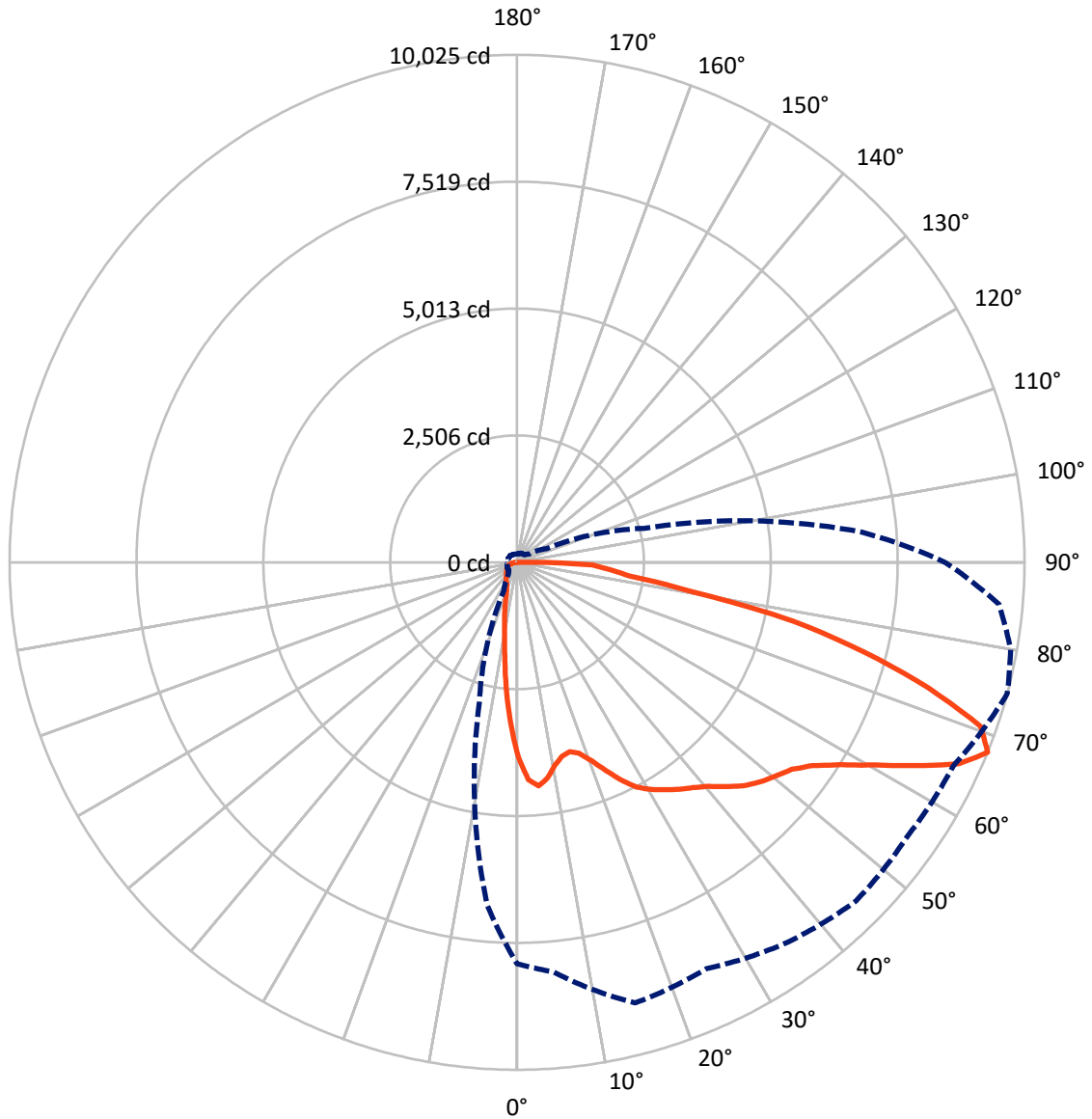
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.8 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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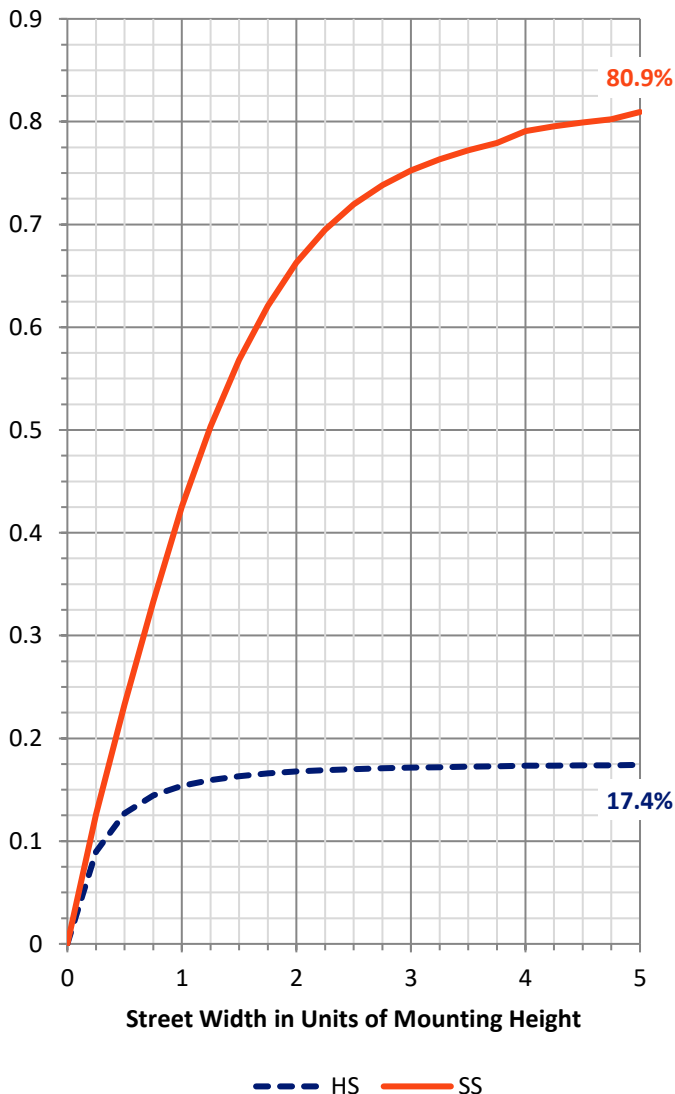
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2237.7	0.0	2237.7
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	10467.3	0.0	10467.3
	% Fixture	82.4	0.0	82.4
Total	Lumens	12705.0	0.0	12705.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	298.7	2.4
10°-20°	620.6	4.9
20°-30°	882.6	6.9
30°-40°	1271.8	10.0
40°-50°	1792.3	14.1
50°-60°	2491.7	19.6
60°-70°	3013.2	23.7
70°-80°	1852.2	14.6
80°-90°	482.0	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°	12705.0	100.0
0°-180°	12705.0	100.0

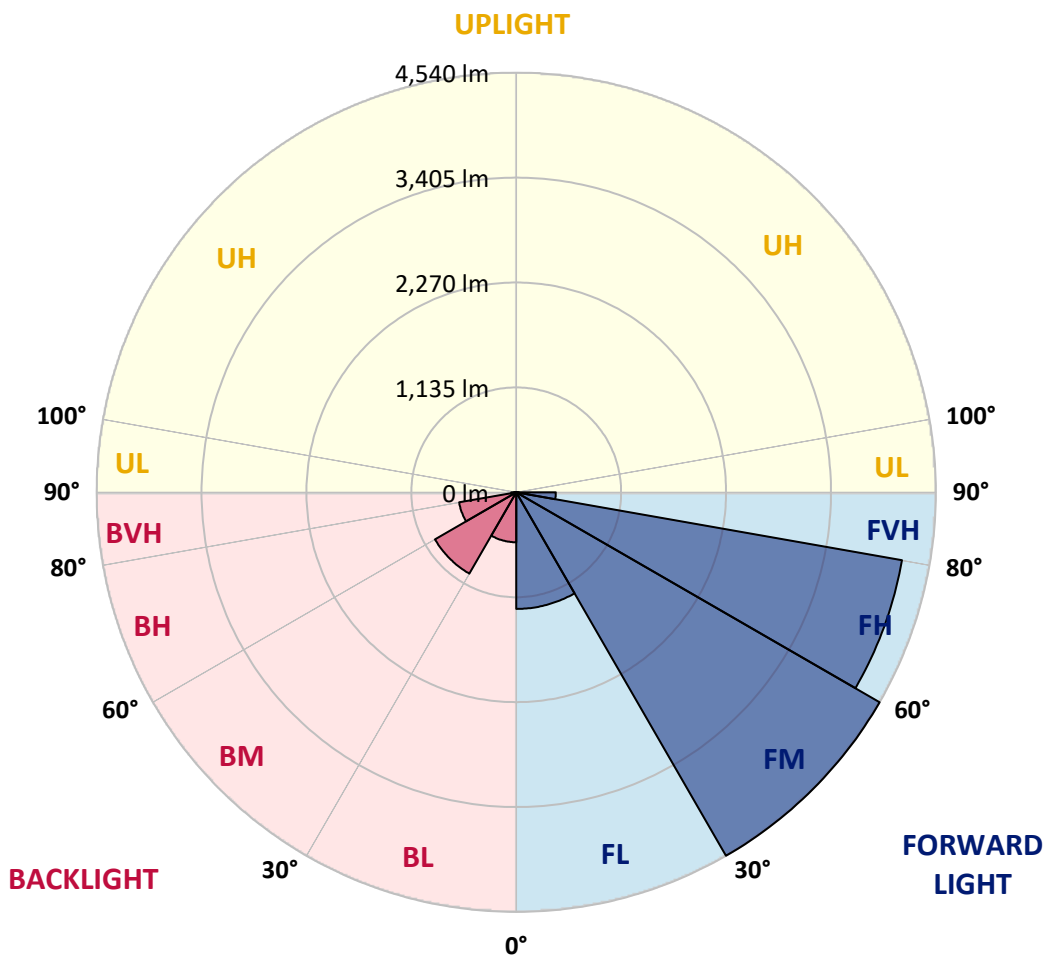


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1261.5	9.9			
FM (30°-60°)	4540.1	35.7			
FH (60°-80°)	4238.0	33.4			G2/5000
FVH (80°-90°)	427.8	3.4			G3/500
BL (0°-30°)	540.4	4.3	B2/1000		
BM (30°-60°)	1015.7	8.0	B2/2500		
BH (60°-80°)	627.4	4.9	B2/1000		G2/1000
BVH (80°-90°)	54.2	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
 Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6
2.5°	4125.6	4180.0	4217.6	4254.7	4283.6	4312.1	4353.7	4395.4	4403.5	4411.1	4394.9
5°	4101.3	4233.8	4346.6	4458.9	4563.0	4667.1	4729.6	4792.1	4804.8	4817.5	4778.4
7.5°	3838.6	4034.2	4229.8	4425.3	4604.6	4783.9	4893.2	5001.9	5026.7	5051.1	4987.1
10°	3540.0	3767.5	4007.8	4248.1	4484.3	4720.5	4878.4	5036.4	5067.9	5099.4	5019.6
12.5°	3312.9	3561.3	3817.8	4074.3	4323.7	4572.6	4736.2	4899.8	4938.9	4978.0	4920.1
15°	3225.5	3497.8	3739.1	3980.4	4197.8	4414.7	4548.8	4682.4	4698.6	4714.4	4705.2
17.5°	3312.9	3613.1	3831.5	4049.4	4167.8	4285.6	4339.5	4392.8	4410.6	4427.9	4451.2
20°	3568.4	3892.5	4046.4	4199.8	4194.7	4189.1	4163.2	4136.8	4132.2	4127.7	4193.7
22.5°	3933.1	4309.5	4371.0	4431.9	4289.2	4146.5	4059.6	3972.2	3955.0	3937.2	4007.3
25°	4361.3	4762.1	4750.9	4739.2	4467.5	4195.2	4029.6	3864.0	3844.7	3825.4	3885.4
27.5°	4827.1	5210.1	5137.0	5063.8	4694.5	4325.3	4085.0	3844.7	3825.4	3806.1	3859.0
30°	5191.3	5538.8	5421.4	5304.1	4886.0	4468.0	4182.5	3897.1	3865.6	3833.6	3898.6
32.5°	5499.7	5795.3	5637.8	5480.4	5041.5	4602.6	4293.8	3984.9	3935.7	3886.4	3973.2
35°	5820.7	6051.3	5829.8	5607.9	5180.2	4751.9	4425.3	4098.2	4037.8	3977.3	4096.7
37.5°	6181.8	6373.3	6055.4	5736.9	5336.1	4935.3	4622.4	4309.0	4247.0	4185.1	4337.5
40°	6563.3	6722.8	6298.7	5874.5	5506.8	5139.0	4895.2	4650.9	4591.9	4532.5	4717.4
42.5°	6897.0	7013.4	6525.2	6037.1	5712.5	5387.4	5215.7	5043.5	5043.0	5042.0	5229.4
45°	7148.5	7249.6	6714.2	6178.3	5913.1	5647.5	5558.1	5468.7	5540.3	5611.9	5781.6
47.5°	7357.3	7425.8	6872.7	6319.0	6142.7	5966.5	5979.7	5992.9	6138.7	6284.5	6393.7
50°	7596.0	7540.6	7016.4	6491.7	6437.3	6383.0	6501.9	6620.2	6787.8	6955.0	7029.1
52.5°	7854.6	7707.8	7211.5	6714.7	6775.6	6836.6	7078.4	7320.2	7489.3	7658.5	7686.4
55°	8319.3	8094.3	7570.1	7045.4	7162.7	7279.5	7634.6	7989.2	8121.2	8253.3	8263.5
57.5°	8843.0	8643.4	8072.5	7501.5	7627.5	7753.5	8163.4	8572.8	8715.5	8857.8	8838.0
60°	9044.7	9054.3	8549.4	8044.0	8171.0	8298.0	8697.3	9096.5	9260.6	9424.1	9380.5
62.5°	8841.5	9079.7	8810.0	8539.8	8655.1	8769.9	9161.0	9552.1	9720.3	9888.4	9812.2
65°	8439.7	8675.9	8796.8	8917.7	8955.8	8993.9	9359.1	9723.8	9852.9	9981.4	9942.8
67.5°	7928.7	8119.7	8565.7	9011.2	8934.5	8857.8	9028.9	9200.1	9332.7	9465.3	9443.4
70°	7336.9	7564.5	8159.3	8754.1	8377.2	7999.8	7929.2	7858.6	8001.9	8144.6	8056.2
72.5°	6275.8	6619.2	7253.6	7887.6	7193.2	6498.8	6257.5	6016.3	6197.6	6378.9	6238.2
75°	4740.3	5195.9	5896.9	6597.4	5768.9	4940.4	4618.4	4296.3	4452.2	4608.2	4511.7
77.5°	3296.6	3868.1	4558.4	5248.7	4406.5	3563.8	3324.6	3084.8	3131.6	3177.8	3161.5
80°	2247.7	2623.6	3105.1	3586.2	3025.4	2464.6	2483.4	2501.7	2479.8	2457.5	2490.0
82.5°	1409.6	1674.2	2046.1	2417.4	2119.7	1822.0	1992.7	2163.4	2079.6	1995.3	2026.8
85°	793.9	955.5	1319.2	1682.4	1568.1	1453.3	1553.3	1652.9	1522.9	1392.8	1450.2
87.5°	151.4	251.9	729.9	1207.4	1096.2	984.9	855.9	726.9	554.7	382.5	558.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6
2.5°	4378.6	4370.0	4361.3	4330.3	4298.8	4252.1	4213.5	4146.5	4109.9	4054.5	3999.2
5°	4738.7	4683.9	4629.0	4534.5	4439.6	4333.9	4212.5	4077.9	3976.3	3844.2	3712.2
7.5°	4923.1	4795.1	4666.6	4485.3	4303.4	4139.9	3947.8	3769.0	3616.7	3445.0	3273.3
10°	4939.9	4747.9	4555.4	4319.7	4083.5	3884.9	3663.9	3465.3	3282.4	3085.3	2887.7
12.5°	4861.7	4657.5	4452.8	4193.2	3933.1	3707.6	3469.9	3247.4	3044.7	2827.8	2610.4
15°	4696.1	4533.0	4369.5	4126.1	3882.8	3655.3	3424.7	3161.0	2931.9	2710.0	2487.5
17.5°	4474.1	4396.9	4319.2	4143.4	3967.1	3770.1	3546.6	3237.2	2969.0	2727.7	2486.5
20°	4259.2	4287.7	4315.6	4245.5	4175.4	4017.4	3822.4	3474.9	3132.6	2817.1	2501.2
22.5°	4076.9	4213.5	4349.6	4404.0	4457.8	4362.8	4210.5	3808.7	3355.6	2943.6	2531.7
25°	3944.8	4171.3	4397.9	4578.7	4759.1	4716.9	4599.6	4214.0	3651.2	3126.0	2600.2
27.5°	3911.8	4189.6	4467.5	4747.9	5027.8	5066.9	5034.4	4641.2	4003.7	3352.5	2700.8
30°	3963.6	4245.0	4525.9	4867.3	5208.1	5364.0	5407.7	4997.3	4406.5	3616.7	2826.3
32.5°	4060.1	4335.9	4611.7	4983.6	5354.9	5590.6	5729.8	5322.9	4687.4	3815.8	2943.6
35°	4216.0	4474.1	4732.1	5119.2	5506.3	5811.0	6065.0	5659.2	4936.8	3955.0	2972.6
37.5°	4489.3	4711.3	4933.3	5290.9	5648.0	6043.2	6424.6	6029.5	5206.6	4089.1	2971.0
40°	4902.3	5059.3	5215.7	5517.9	5819.7	6317.0	6832.0	6442.4	5504.7	4234.3	2963.9
42.5°	5416.9	5497.6	5577.9	5817.1	6056.4	6602.9	7201.8	6846.3	5789.2	4369.5	2949.7
45°	5950.7	5972.1	5993.4	6144.3	6294.6	6829.5	7453.8	7149.5	6037.6	4486.8	2935.5
47.5°	6502.4	6429.2	6356.1	6416.0	6476.0	7003.2	7633.6	7379.6	6287.0	4616.8	2946.2
50°	7103.3	6899.6	6695.9	6664.4	6632.9	7176.9	7845.4	7672.2	6586.7	4806.3	3025.9
52.5°	7713.8	7378.1	7042.3	6917.9	6792.9	7384.2	8126.3	8036.4	7014.4	5099.9	3184.9
55°	8273.6	7846.4	7419.2	7251.6	7084.0	7701.1	8469.2	8571.3	7562.5	5475.3	3387.6
57.5°	8817.6	8333.6	7849.5	7694.0	7538.6	8166.9	8903.5	9051.3	8116.1	5835.4	3554.2
60°	9336.8	8857.8	8378.3	8253.8	8128.8	8746.0	9372.8	9265.1	8401.6	6004.1	3606.0
62.5°	9736.0	9355.1	8974.1	8908.6	8842.5	9331.7	9733.5	9181.8	8220.3	5838.0	3455.6
65°	9904.2	9687.3	9469.9	9531.3	9592.3	9774.6	9823.4	8938.0	7650.4	5372.7	3095.0
67.5°	9421.1	9465.3	9509.5	9767.5	10025.1	9899.6	9556.2	8457.5	6839.1	4713.3	2587.5
70°	7967.3	8232.5	8497.1	9107.7	9717.7	9439.4	8840.5	7595.0	5862.8	3953.9	2044.5
72.5°	6097.0	6395.2	6692.9	7599.0	8504.7	8248.2	7514.7	6238.2	4700.6	3157.5	1613.8
75°	4414.7	4751.4	5087.7	6087.4	7087.0	6730.9	5621.1	4466.5	3570.4	2410.3	1249.6
77.5°	3144.8	3370.3	3595.8	4583.3	5570.3	4990.2	3741.6	3005.6	2471.2	1675.2	878.8
80°	2522.5	2453.4	2384.4	2934.5	3484.6	3388.1	2474.8	1930.2	1710.3	1122.6	534.9
82.5°	2057.7	1889.1	1720.5	1979.5	2238.6	2224.3	1717.4	1416.2	1272.9	780.2	287.5
85°	1507.1	1439.6	1372.0	1601.1	1830.2	1634.6	1163.2	900.1	992.5	574.5	156.5
87.5°	735.0	839.7	943.8	1214.0	1483.7	1114.0	353.0	174.7	241.8	159.0	75.7
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: P320296
 CATALOG NUMBER: GAN-SA2D-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: P320296
 CATALOG NUMBER: GAN-SA2D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6
2.5°	3958.0	3916.4	3869.1	3821.9	3768.0	3713.7	3681.7	3649.2	3614.1	3579.1	3539.4
5°	3624.8	3537.4	3438.4	3339.3	3241.3	3143.2	3090.4	3037.6	2981.7	2925.3	2876.6
7.5°	3146.3	3018.8	2881.6	2744.0	2622.1	2499.7	2424.0	2347.8	2278.7	2209.1	2150.7
10°	2725.2	2562.6	2425.0	2286.8	2194.9	2102.9	2033.4	1963.8	1896.7	1829.2	1764.6
12.5°	2447.8	2285.3	2197.9	2110.6	2034.4	1958.2	1877.9	1797.2	1705.2	1612.8	1545.2
15°	2339.7	2191.8	2094.8	1997.3	1895.2	1792.6	1694.0	1595.5	1486.8	1378.1	1301.4
17.5°	2292.9	2099.4	1963.8	1827.6	1693.0	1558.4	1444.1	1329.8	1211.0	1092.1	1014.4
20°	2243.6	1986.1	1804.3	1621.9	1449.2	1276.5	1147.0	1017.4	911.3	805.1	745.7
22.5°	2198.9	1865.7	1637.7	1409.1	1204.9	1000.7	873.7	746.2	681.2	616.2	592.3
25°	2180.7	1760.6	1480.2	1199.8	984.4	768.5	678.1	587.7	562.8	537.4	525.2
27.5°	2183.7	1666.6	1347.6	1028.1	834.1	640.0	578.1	516.1	500.8	485.1	477.5
30°	2195.4	1564.5	1222.7	880.8	720.8	560.8	520.7	480.0	463.8	447.5	437.9
32.5°	2208.6	1473.1	1126.1	778.7	648.2	517.1	484.1	450.6	434.8	419.1	409.4
35°	2185.7	1398.4	1060.1	721.8	601.4	480.5	452.6	424.1	406.9	389.6	380.5
37.5°	2147.1	1323.2	1008.8	693.9	570.9	447.5	427.2	406.4	388.6	370.3	361.7
40°	2112.1	1259.7	970.7	681.2	554.2	426.7	409.4	392.1	373.9	355.1	344.9
42.5°	2083.6	1217.1	933.1	649.2	538.9	428.2	403.8	378.9	361.2	343.4	332.2
45°	2062.3	1189.1	903.7	618.2	524.7	431.3	400.3	369.3	351.5	333.2	320.0
47.5°	2060.3	1174.4	882.8	591.3	497.8	403.8	391.1	378.4	352.5	326.1	310.9
50°	2088.2	1150.5	858.4	565.9	471.9	377.9	395.2	412.0	367.8	323.1	303.8
52.5°	2146.6	1108.4	819.8	531.3	440.4	349.0	375.9	402.3	364.2	325.6	300.7
55°	2217.2	1046.4	761.4	476.0	398.7	321.0	344.9	368.3	344.4	320.0	290.0
57.5°	2261.4	968.2	687.8	407.4	352.0	296.6	310.4	323.6	313.9	304.3	273.8
60°	2235.0	864.0	605.0	345.4	310.9	276.3	273.8	270.7	285.0	299.2	264.1
62.5°	2106.0	756.3	531.8	307.3	281.4	255.0	249.4	243.3	266.7	289.5	252.5
65°	1888.1	681.2	485.6	290.0	261.1	232.1	226.0	219.9	227.1	234.2	216.9
67.5°	1611.2	634.9	459.2	283.4	248.4	212.8	205.7	198.6	197.1	195.6	189.5
70°	1325.8	606.5	441.9	277.3	234.7	191.5	184.9	178.3	176.3	173.7	169.1
72.5°	1108.4	602.9	439.9	276.8	223.5	170.2	164.1	158.0	155.4	152.4	148.8
75°	907.7	565.9	417.5	269.2	208.3	146.8	141.2	135.6	133.6	131.1	128.0
77.5°	673.6	468.3	351.0	233.7	178.3	122.9	117.3	111.2	110.7	109.7	107.2
80°	436.8	338.8	250.9	163.1	130.0	96.5	91.9	86.9	87.4	87.9	85.8
82.5°	242.8	197.6	153.4	109.2	88.9	68.6	66.5	64.0	65.5	66.5	64.0
85°	128.0	99.6	82.3	65.0	51.3	37.6	37.6	37.1	39.1	41.1	39.1
87.5°	55.4	35.0	30.0	24.4	13.7	2.5	3.0	3.0	4.1	5.1	4.6
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: P320296
 CATALOG NUMBER: GAN-SA2D-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: P320296

CATALOG NUMBER: GAN-SA2D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6
2.5°	3499.3	3462.2	3424.7	3383.5	3391.1	3359.6	3328.1	3308.3	3288.5	3282.4	3276.3
5°	2827.8	2785.6	2743.0	2704.9	2737.9	2715.5	2693.2	2690.1	2686.6	2686.6	2686.1
7.5°	2092.3	2047.1	2001.4	1969.9	2002.4	1998.3	1994.2	2016.1	2037.9	2055.7	2073.0
10°	1700.1	1645.3	1589.9	1543.2	1535.0	1511.7	1487.8	1492.9	1497.5	1516.8	1536.1
12.5°	1477.6	1412.1	1346.6	1291.7	1266.8	1228.2	1189.1	1164.7	1140.4	1142.9	1144.9
15°	1224.2	1160.7	1096.7	1049.4	1033.7	1003.7	973.8	943.3	912.3	899.6	886.4
17.5°	936.2	885.4	834.1	802.6	802.6	793.9	785.3	770.1	754.3	741.6	728.4
20°	686.3	659.3	631.9	618.7	622.8	623.3	623.3	630.9	638.5	634.4	630.4
22.5°	567.9	558.2	548.6	543.0	545.0	545.5	546.1	553.2	559.8	564.8	569.4
25°	512.5	506.4	500.3	498.3	502.9	503.4	503.4	508.0	512.5	517.6	522.7
27.5°	469.4	466.8	464.3	460.7	465.3	465.3	464.8	469.9	474.4	479.0	483.1
30°	428.2	429.2	429.7	428.7	431.8	433.8	435.3	438.9	441.9	445.5	449.0
32.5°	399.3	397.7	396.2	395.2	401.8	405.4	408.9	412.5	415.5	417.0	418.6
35°	371.3	367.8	364.2	361.7	367.8	372.3	376.9	383.5	389.6	390.6	391.6
37.5°	352.5	348.0	343.4	340.3	342.9	344.9	346.9	354.0	361.2	365.2	368.8
40°	334.7	330.2	325.6	323.1	324.6	325.1	325.6	329.2	332.2	339.8	346.9
42.5°	320.5	314.9	309.3	306.3	307.3	308.3	308.8	308.3	307.8	314.9	322.0
45°	306.3	300.2	294.1	290.6	291.1	291.1	291.1	290.0	288.5	292.1	295.6
47.5°	295.1	288.0	280.9	277.3	276.3	275.3	274.3	273.8	272.8	275.3	277.3
50°	283.9	276.3	268.2	264.1	261.6	260.6	259.6	259.1	258.0	260.6	262.6
52.5°	275.3	266.2	257.0	250.4	247.9	246.4	244.8	245.3	245.3	246.4	246.9
55°	260.1	251.9	243.3	238.7	234.2	233.2	232.1	233.7	234.7	234.7	234.7
57.5°	243.3	235.7	227.6	224.5	220.5	220.5	219.9	222.0	223.5	224.5	225.5
60°	228.6	219.9	211.3	208.8	207.2	206.7	206.2	208.8	210.8	212.8	214.9
62.5°	214.9	205.7	196.6	193.5	193.0	193.5	193.5	196.1	198.1	200.1	202.2
65°	199.6	190.5	180.8	177.8	178.8	180.3	181.8	183.9	185.4	187.4	189.5
67.5°	182.9	175.2	167.1	164.1	164.6	166.6	168.6	170.2	171.2	173.2	175.2
70°	164.6	158.0	151.4	149.3	148.8	151.4	153.4	154.4	155.4	158.0	160.0
72.5°	144.8	139.2	133.6	132.1	132.6	134.1	135.6	137.1	138.2	140.7	142.7
75°	124.4	119.4	114.3	113.3	114.3	115.8	117.3	118.4	119.4	122.4	125.0
77.5°	104.6	99.1	93.0	92.4	94.0	95.5	96.5	98.0	99.6	103.6	107.7
80°	83.8	77.7	71.1	70.6	72.1	73.7	75.2	76.7	78.2	83.3	87.9
82.5°	61.5	54.4	47.2	46.2	51.3	52.8	54.4	56.9	58.9	63.5	68.1
85°	37.1	30.0	22.9	22.4	26.9	29.5	32.0	35.0	37.6	41.7	45.7
87.5°	4.1	2.0	0.0	0.0	0.5	2.5	4.6	7.1	9.7	13.7	17.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320296
 CATALOG NUMBER: GAN-SA2D-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: P320296
 CATALOG NUMBER: GAN-SA2D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6
2.5°	3254.0	3231.1	3254.5	3277.3	3287.0	3296.6	3271.8	3246.4	3286.0	3325.1	3335.3
5°	2665.8	2644.9	2660.7	2675.9	2641.9	2607.9	2604.3	2600.2	2629.7	2659.2	2663.7
7.5°	2066.4	2059.8	2074.5	2089.2	2046.1	2002.4	1981.0	1959.7	1966.8	1973.9	1972.9
10°	1540.6	1544.7	1563.0	1580.8	1547.2	1513.7	1499.0	1484.3	1500.5	1516.3	1531.0
12.5°	1154.1	1162.7	1182.0	1200.8	1187.1	1172.9	1174.4	1175.9	1194.7	1213.0	1229.3
15°	896.5	906.7	920.4	933.6	934.1	934.1	947.3	960.0	958.5	957.0	968.2
17.5°	742.1	755.3	756.9	758.4	758.9	759.4	758.4	757.4	749.7	742.1	750.8
20°	635.5	640.0	644.1	647.6	643.1	638.0	625.3	612.6	607.5	602.4	610.6
22.5°	578.1	586.2	582.1	577.5	568.4	558.8	549.1	538.9	538.4	537.4	542.0
25°	529.8	536.4	529.3	522.2	515.6	509.0	502.4	495.8	495.3	494.8	496.8
27.5°	489.7	495.8	489.2	482.6	477.0	471.4	466.3	461.2	460.2	459.2	459.7
30°	455.1	460.7	455.1	449.0	445.0	440.4	436.8	433.3	432.8	432.3	432.3
32.5°	424.1	429.7	425.7	421.6	418.0	414.5	412.0	409.4	406.9	404.3	398.7
35°	397.2	402.8	400.3	397.2	393.2	389.1	384.5	379.4	372.8	365.7	362.7
37.5°	374.4	380.0	377.4	374.9	369.3	363.7	355.6	346.9	344.9	342.4	341.9
40°	356.1	364.7	359.6	354.0	345.4	336.8	332.7	328.6	327.6	326.6	325.6
42.5°	335.8	349.0	339.8	330.7	322.6	314.4	313.4	312.4	311.9	311.4	311.4
45°	310.4	324.6	315.4	305.8	301.2	296.6	296.6	296.6	297.2	297.2	298.2
47.5°	286.5	295.1	290.6	286.0	283.4	280.9	281.4	281.9	283.4	284.5	287.0
50°	266.2	269.2	270.2	270.7	269.2	267.7	268.7	269.2	270.7	271.8	273.8
52.5°	251.4	256.0	256.0	255.5	255.5	255.5	256.5	257.5	259.1	260.6	262.6
55°	241.8	248.4	246.4	244.3	244.8	244.8	245.9	246.9	248.4	249.4	252.5
57.5°	232.6	239.8	237.7	235.7	235.7	235.7	236.2	236.7	238.2	239.2	241.3
60°	222.0	229.1	227.1	224.5	225.0	225.5	226.0	226.0	227.1	227.6	227.6
62.5°	209.3	216.4	214.4	211.8	213.3	214.4	214.4	214.4	215.4	215.9	214.4
65°	196.1	202.7	200.6	198.6	200.6	202.2	203.2	203.7	203.2	202.7	201.2
67.5°	181.8	188.5	186.4	183.9	186.4	188.5	190.5	192.0	190.5	189.0	186.9
70°	166.6	173.2	170.7	168.1	170.7	173.2	175.2	177.3	175.2	173.2	172.7
72.5°	150.4	158.0	154.9	151.9	154.9	158.0	159.0	160.0	158.5	157.0	155.9
75°	132.6	140.2	137.7	134.6	137.1	139.7	140.2	140.7	140.7	140.2	137.1
77.5°	113.8	119.9	118.4	116.8	118.4	119.9	119.9	119.9	120.4	120.4	116.3
80°	91.4	95.0	95.5	96.0	96.5	97.0	96.5	96.0	95.0	94.0	91.4
82.5°	68.1	68.1	72.1	75.7	75.7	75.2	74.7	73.7	71.6	69.1	63.5
85°	43.2	40.6	47.2	53.3	53.3	52.8	51.8	50.3	46.2	41.7	37.1
87.5°	14.7	12.2	18.8	25.4	25.9	25.9	24.9	23.9	19.8	15.2	11.7
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: P320296
 CATALOG NUMBER: GAN-SA2D-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: P320296
 CATALOG NUMBER: GAN-SA2D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6
2.5°	3350.5	3357.1	3363.2	3413.0	3462.2	3520.1	3578.1	3622.2	3665.9	3711.1	3756.3
5°	2679.5	2687.6	2695.7	2756.2	2816.1	2896.9	2977.6	3047.2	3116.8	3198.6	3280.4
7.5°	1986.1	2003.9	2021.2	2085.7	2149.7	2236.5	2322.9	2413.8	2504.2	2610.9	2717.6
10°	1559.9	1593.5	1626.5	1692.5	1758.5	1844.4	1929.7	2024.7	2119.7	2224.9	2329.5
12.5°	1262.8	1307.5	1351.7	1430.9	1510.2	1612.8	1714.9	1820.5	1925.7	2018.1	2110.6
15°	997.6	1046.4	1094.6	1178.5	1262.3	1375.0	1487.3	1602.6	1717.4	1828.1	1938.9
17.5°	778.2	818.3	857.9	929.1	999.7	1108.9	1218.1	1339.0	1459.9	1595.0	1729.6
20°	627.8	644.6	661.4	712.7	763.5	852.4	940.7	1064.2	1187.6	1349.1	1510.7
22.5°	550.1	558.8	566.9	591.8	616.2	673.6	730.4	839.7	948.4	1124.6	1300.4
25°	503.4	510.0	516.6	532.8	549.1	576.5	604.0	680.7	757.4	930.6	1103.3
27.5°	461.2	471.4	481.0	488.7	495.8	514.6	532.8	583.1	633.4	795.0	956.0
30°	430.7	434.3	437.9	449.5	460.7	480.0	499.3	534.4	569.4	706.1	842.2
32.5°	395.2	400.3	405.4	417.5	429.7	447.5	465.3	493.7	521.7	638.5	754.8
35°	363.2	368.3	373.3	385.5	397.2	416.5	435.3	459.2	482.6	584.2	685.7
37.5°	343.4	348.5	353.5	364.2	374.4	393.7	412.5	431.3	449.5	543.5	637.5
40°	326.6	331.7	336.8	346.9	356.6	375.4	393.7	409.4	425.2	513.0	600.9
42.5°	311.9	317.5	323.1	333.2	342.9	359.6	376.4	397.2	417.5	486.6	555.2
45°	299.7	305.3	310.4	321.5	332.7	349.0	365.2	394.2	423.1	472.9	522.7
47.5°	288.5	294.6	300.2	312.4	324.6	344.9	364.7	389.1	413.0	462.2	511.5
50°	277.9	285.0	292.1	306.8	321.0	355.1	388.6	392.1	395.2	453.6	511.5
52.5°	267.7	275.8	283.9	302.2	320.0	359.6	399.3	386.6	373.3	437.4	501.4
55°	257.5	264.6	271.2	293.6	315.9	344.9	373.9	357.1	339.8	406.9	473.9
57.5°	243.8	251.4	258.6	282.4	306.3	326.6	346.4	331.2	315.4	372.3	428.7
60°	229.6	238.2	246.9	277.3	307.3	303.8	299.7	296.6	293.1	333.7	374.4
62.5°	216.9	226.0	235.2	274.8	314.4	290.0	265.7	268.2	270.2	300.2	330.2
65°	204.2	213.3	222.0	241.8	261.6	251.9	242.3	246.4	249.9	279.4	308.8
67.5°	190.0	198.1	205.7	212.3	218.9	219.9	221.0	225.0	229.1	264.1	298.7
70°	174.2	180.8	187.4	192.0	196.1	198.1	199.6	204.7	209.8	247.9	286.0
72.5°	156.5	162.0	167.1	171.2	175.2	176.8	177.8	182.9	187.9	228.6	269.2
75°	137.1	141.7	145.8	149.3	152.9	154.9	157.0	160.5	164.1	208.3	251.9
77.5°	115.8	120.4	124.4	127.5	130.0	132.1	133.6	138.2	142.7	179.8	216.4
80°	90.4	96.0	101.1	103.6	105.7	106.2	106.2	110.2	114.3	140.7	166.6
82.5°	64.0	70.1	75.7	77.7	79.7	79.7	79.7	84.3	88.9	106.7	123.9
85°	37.6	44.2	50.3	52.3	54.4	55.4	55.9	57.9	59.4	72.1	84.3
87.5°	11.7	17.3	22.4	23.4	24.4	26.4	28.4	29.0	29.0	37.6	46.2
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: P320296
 CATALOG NUMBER: GAN-SA2D-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: P320296

CATALOG NUMBER: GAN-SA2D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6	3870.6
2.5°	3808.2	3860.0	3920.4	3980.4	4031.7	4083.0	4125.6
5°	3384.5	3488.7	3616.2	3743.1	3856.4	3969.7	4101.3
7.5°	2852.2	2986.8	3151.9	3317.0	3477.0	3636.5	3838.6
10°	2466.6	2603.3	2778.0	2952.3	3132.1	3311.4	3540.0
12.5°	2221.8	2332.5	2501.7	2670.8	2882.2	3093.0	3312.9
15°	2060.3	2181.2	2345.7	2510.3	2741.4	2972.6	3225.5
17.5°	1888.1	2046.1	2256.9	2467.7	2741.4	3014.7	3312.9
20°	1707.8	1904.3	2177.6	2450.9	2819.7	3187.9	3568.4
22.5°	1527.9	1755.5	2106.0	2456.0	2938.0	3419.6	3933.1
25°	1365.9	1628.5	2062.3	2495.6	3110.2	3724.3	4361.3
27.5°	1243.0	1529.5	2044.5	2559.1	3328.6	4098.2	4827.1
30°	1133.8	1425.3	2023.2	2621.1	3538.9	4456.3	5191.3
32.5°	1039.3	1323.7	1982.1	2639.9	3685.7	4731.6	5499.7
35°	965.1	1244.5	1913.0	2581.4	3777.7	4973.9	5820.7
37.5°	901.1	1164.7	1834.2	2503.7	3859.5	5215.2	6181.8
40°	840.2	1079.4	1766.7	2453.4	3972.2	5491.0	6563.3
42.5°	782.3	1009.3	1712.3	2415.3	4076.9	5737.9	6897.0
45°	739.1	955.5	1664.1	2372.2	4144.4	5916.7	7148.5
47.5°	717.7	923.5	1638.2	2352.4	4212.0	6071.1	7357.3
50°	714.7	917.9	1667.6	2417.4	4358.3	6298.7	7596.0
52.5°	714.2	927.0	1752.5	2577.9	4630.0	6681.7	7854.6
55°	703.5	932.6	1853.5	2774.0	4994.7	7215.0	8319.3
57.5°	671.0	913.3	1957.7	3001.5	5380.3	7758.5	8843.0
60°	620.7	866.6	2043.5	3219.9	5639.3	8058.2	9044.7
62.5°	557.7	784.8	2072.0	3358.6	5632.2	7905.9	8841.5
65°	503.9	698.9	1978.5	3257.5	5347.3	7436.5	8439.7
67.5°	456.1	613.1	1744.8	2876.1	4834.7	6792.9	7928.7
70°	421.6	556.7	1443.6	2330.5	4193.2	6055.4	7336.9
72.5°	399.8	529.8	1176.9	1823.6	3402.8	4981.5	6275.8
75°	369.8	487.6	923.5	1358.8	2604.3	3849.8	4740.3
77.5°	313.9	410.9	695.9	980.9	1910.9	2840.5	3296.6
80°	242.3	317.5	478.5	639.5	1315.1	1990.7	2247.7
82.5°	172.7	221.5	290.0	358.6	873.7	1388.2	1409.6
85°	106.7	129.0	166.1	203.2	578.1	952.9	793.9
87.5°	57.4	68.6	87.9	106.7	184.9	263.1	151.4
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: P320296
CATALOG NUMBER: GAN-SA2D-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)