

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: P320509

Luminaire Tested: **GAN-SA5A-722-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320509
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-SA5A-722-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 2200K, 615mA 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: 15047 lumens
Efficiency: N/A
Efficacy: 92.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G4

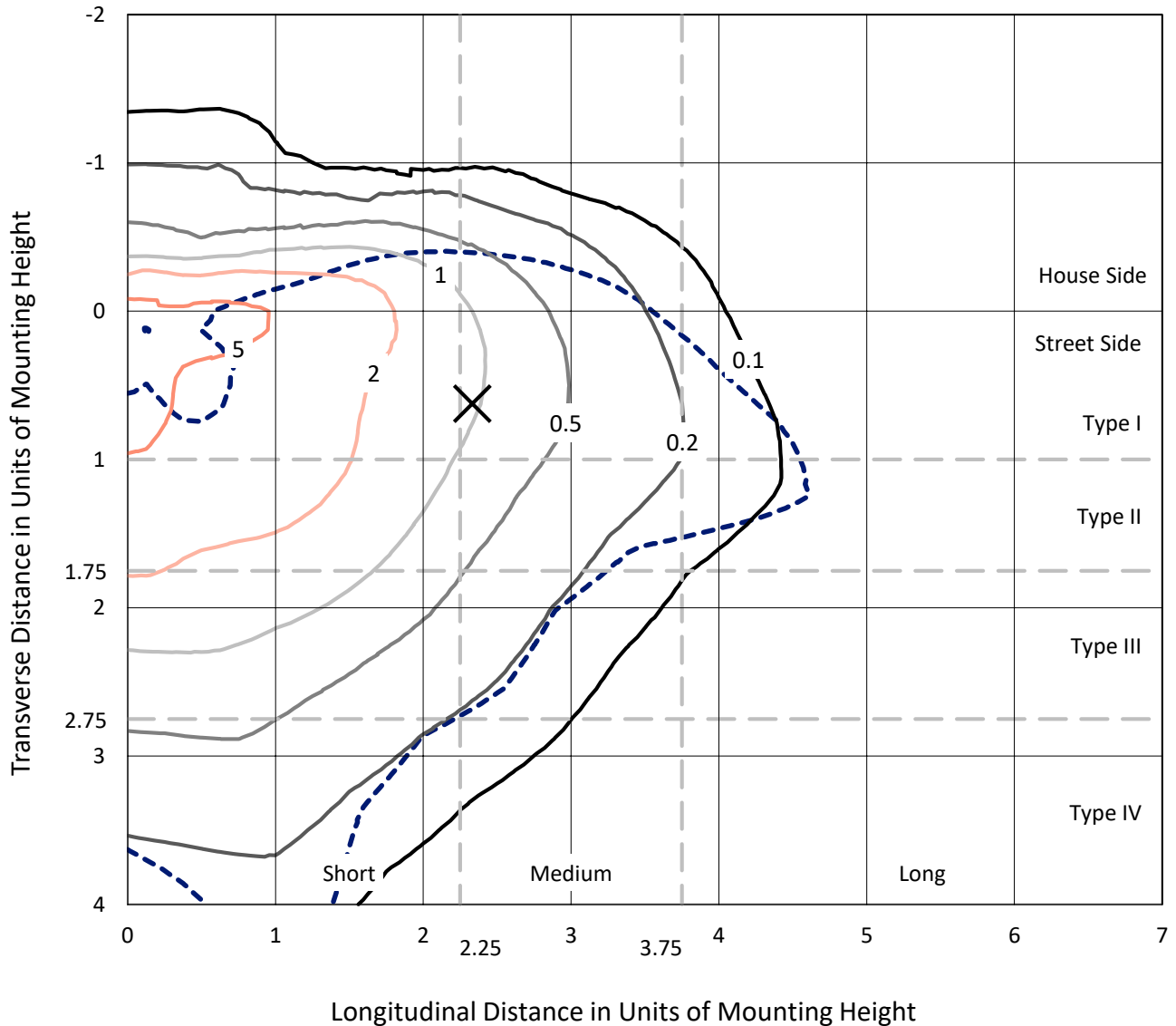
Input Watts (W): 162
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

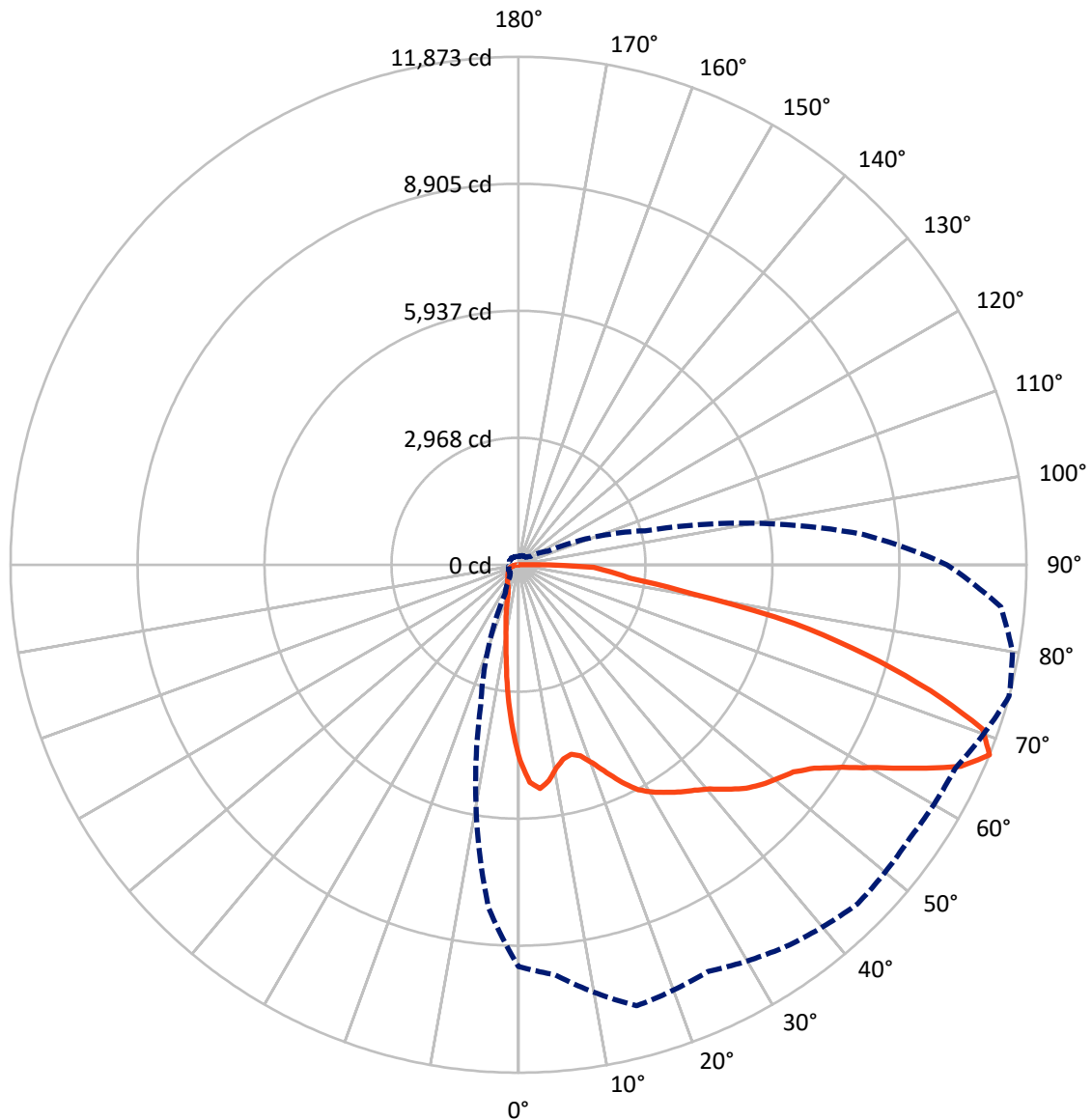
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.2 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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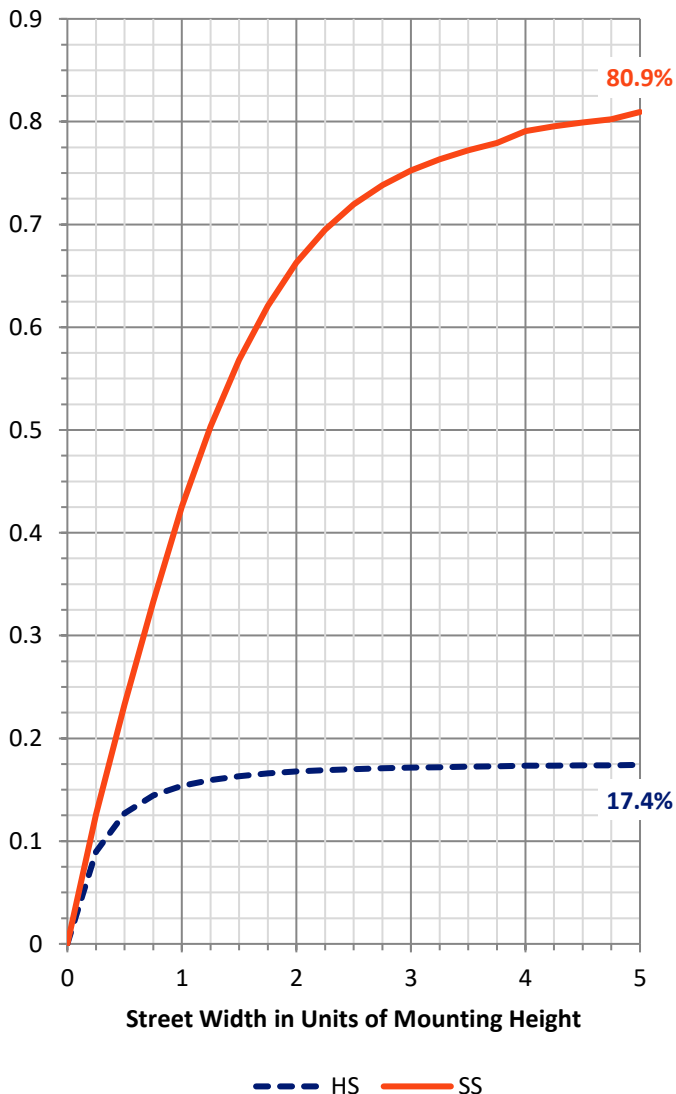
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2650.1	0.0	2650.1
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	12396.9	0.0	12396.9
	% Fixture	82.4	0.0	82.4
Total	Lumens	15047.0	0.0	15047.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	353.8	2.4
10°-20°	735.0	4.9
20°-30°	1045.3	6.9
30°-40°	1506.3	10.0
40°-50°	2122.7	14.1
50°-60°	2951.0	19.6
60°-70°	3568.6	23.7
70°-80°	2193.6	14.6
80°-90°	570.8	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°	15047.0	100.0
0°-180°	15047.0	100.0

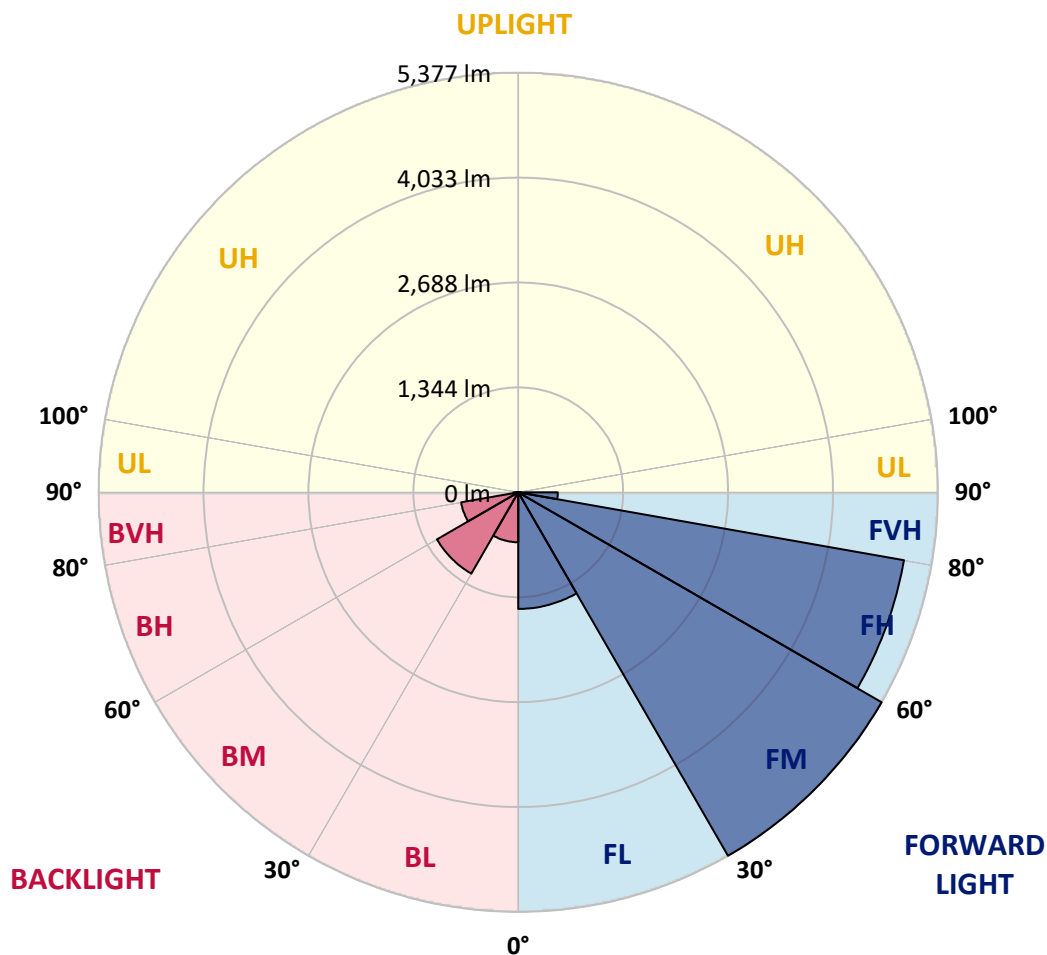


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1494.0	9.9			
FM (30°-60°)	5377.0	35.7			
FH (60°-80°)	5019.2	33.4			G3/7500
FVH (80°-90°)	506.7	3.4			G4/750
BL (0°-30°)	640.0	4.3	B2/1000		
BM (30°-60°)	1203.0	8.0	B2/2500		
BH (60°-80°)	743.0	4.9	B2/1000		G2/1000
BVH (80°-90°)	64.1	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-G4
 Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1
2.5°	4886.1	4950.5	4995.0	5038.9	5073.2	5106.9	5156.3	5205.6	5215.2	5224.2	5205.0
5°	4857.3	5014.3	5147.8	5280.8	5404.1	5527.4	5601.4	5675.4	5690.5	5705.5	5659.2
7.5°	4546.2	4777.9	5009.5	5241.1	5453.4	5665.8	5795.1	5923.9	5953.4	5982.2	5906.4
10°	4192.5	4462.0	4746.6	5031.1	5310.9	5590.6	5777.7	5964.8	6002.1	6039.4	5944.9
12.5°	3923.6	4217.8	4521.6	4825.4	5120.8	5415.5	5609.3	5803.0	5849.3	5895.6	5827.0
15°	3820.1	4142.6	4428.3	4714.1	4971.6	5228.4	5387.3	5545.5	5564.7	5583.4	5572.6
17.5°	3923.6	4279.1	4537.8	4795.9	4936.1	5075.6	5139.4	5202.6	5223.6	5244.1	5271.8
20°	4226.2	4610.0	4792.3	4974.0	4968.0	4961.3	4930.7	4899.4	4894.0	4888.5	4966.8
22.5°	4658.1	5103.9	5176.7	5248.9	5079.9	4910.8	4807.9	4704.5	4684.0	4662.9	4746.0
25°	5165.3	5639.9	5626.7	5612.9	5291.0	4968.6	4772.4	4576.3	4553.5	4530.6	4601.6
27.5°	5716.9	6170.5	6083.9	5997.3	5559.9	5122.6	4838.0	4553.5	4530.6	4507.7	4570.3
30°	6148.3	6559.8	6420.8	6281.8	5786.7	5291.6	4953.5	4615.4	4578.1	4540.2	4617.2
32.5°	6513.4	6863.6	6677.1	6490.6	5970.8	5451.0	5085.3	4719.5	4661.1	4602.8	4705.7
35°	6893.7	7166.8	6904.5	6641.6	6135.0	5627.9	5241.1	4853.7	4782.1	4710.5	4851.8
37.5°	7321.4	7548.2	7171.6	6794.4	6319.7	5845.1	5474.5	5103.3	5029.9	4956.5	5137.0
40°	7773.2	7962.1	7459.8	6957.4	6521.9	6086.3	5797.6	5508.2	5438.4	5368.0	5587.0
42.5°	8168.4	8306.2	7728.1	7149.9	6765.5	6380.5	6177.2	5973.2	5972.6	5971.4	6193.4
45°	8466.2	8585.9	7951.9	7317.2	7003.1	6688.5	6582.6	6476.8	6561.6	6646.4	6847.3
47.5°	8713.5	8794.7	8139.6	7483.8	7275.1	7066.3	7082.0	7097.6	7270.3	7442.9	7572.3
50°	8996.2	8930.6	8309.8	7688.4	7624.0	7559.6	7700.4	7840.6	8039.1	8237.0	8324.8
52.5°	9302.4	9128.6	8540.8	7952.5	8024.6	8096.8	8383.2	8669.6	8869.9	9070.2	9103.3
55°	9852.9	9586.4	8965.5	8344.1	8483.1	8621.4	9041.9	9461.9	9618.3	9774.7	9786.7
57.5°	10473.1	10236.7	9560.5	8884.3	9033.5	9182.7	9668.2	10153.1	10322.1	10490.6	10467.1
60°	10712.0	10723.4	10125.4	9526.8	9677.2	9827.6	10300.5	10773.3	10967.6	11161.4	11109.6
62.5°	10471.3	10753.5	10434.0	10114.0	10250.5	10386.5	10849.7	11313.0	11512.1	11711.2	11621.0
65°	9995.5	10275.2	10418.4	10561.6	10606.7	10651.8	11084.4	11516.3	11669.1	11821.3	11775.6
67.5°	9390.3	9616.5	10144.7	10672.3	10581.4	10490.6	10693.3	10896.1	11053.1	11210.1	11184.2
70°	8689.4	8958.9	9663.4	10367.9	9921.5	9474.5	9390.9	9307.2	9476.9	9645.9	9541.3
72.5°	7432.7	7839.4	8590.7	9341.5	8519.2	7696.8	7411.0	7125.3	7340.0	7554.8	7388.2
75°	5614.1	6153.7	6983.9	7813.5	6832.3	5851.1	5469.7	5088.3	5273.0	5457.7	5343.3
77.5°	3904.3	4581.1	5398.7	6216.3	5218.8	4220.8	3937.4	3653.5	3708.8	3763.6	3744.3
80°	2662.0	3107.2	3677.5	4247.2	3583.1	2918.9	2941.2	2962.8	2937.0	2910.5	2949.0
82.5°	1669.4	1982.9	2423.2	2863.0	2510.4	2157.9	2360.0	2562.2	2462.9	2363.1	2400.4
85°	940.3	1131.6	1562.3	1992.5	1857.1	1721.2	1839.7	1957.6	1803.6	1649.6	1717.5
87.5°	179.3	298.4	864.5	1430.0	1298.2	1166.5	1013.7	860.9	656.9	453.0	661.8
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°	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1
2.5°	5185.7	5175.5	5165.3	5128.6	5091.3	5035.9	4990.2	4910.8	4867.5	4801.9	4736.3
5°	5612.3	5547.3	5482.3	5370.4	5257.9	5132.8	4989.0	4829.6	4709.3	4552.9	4396.4
7.5°	5830.6	5679.0	5526.8	5312.1	5096.7	4903.0	4675.6	4463.8	4283.3	4080.0	3876.7
10°	5850.5	5623.1	5395.1	5115.9	4836.2	4601.0	4339.3	4104.1	3887.5	3654.1	3420.1
12.5°	5757.8	5516.0	5273.6	4966.2	4658.1	4391.0	4109.5	3846.0	3605.9	3349.1	3091.6
15°	5561.7	5368.6	5174.9	4886.7	4598.6	4329.1	4055.9	3743.7	3472.4	3209.5	2946.0
17.5°	5298.8	5207.4	5115.3	4907.2	4698.4	4465.0	4200.3	3834.0	3516.3	3230.6	2944.8
20°	5044.4	5078.0	5111.1	5028.1	4945.1	4758.0	4527.0	4115.5	3710.0	3336.4	2962.2
22.5°	4828.4	4990.2	5151.4	5215.8	5279.6	5167.1	4986.6	4510.7	3974.1	3486.2	2998.3
25°	4672.0	4940.3	5208.6	5422.8	5636.3	5586.4	5447.4	4990.8	4324.3	3702.2	3079.6
27.5°	4632.9	4961.9	5291.0	5623.1	5954.6	6000.9	5962.4	5496.8	4741.8	3970.5	3198.7
30°	4694.2	5027.5	5360.2	5764.5	6168.1	6352.8	6404.6	5918.5	5218.8	4283.3	3347.3
32.5°	4808.5	5135.2	5461.9	5902.2	6342.0	6621.1	6786.0	6304.1	5551.5	4519.2	3486.2
35°	4993.2	5298.8	5604.4	6062.9	6521.3	6882.2	7183.0	6702.3	5846.9	4684.0	3520.5
37.5°	5316.9	5579.8	5842.7	6266.2	6689.1	7157.2	7608.9	7140.9	6166.3	4842.8	3518.7
40°	5806.0	5991.9	6177.2	6535.1	6892.5	7481.4	8091.4	7630.0	6519.5	5014.9	3510.3
42.5°	6415.4	6511.0	6606.1	6889.4	7172.8	7820.1	8529.4	8108.3	6856.4	5174.9	3493.5
45°	7047.7	7072.9	7098.2	7276.9	7454.9	8088.4	8827.8	8467.4	7150.5	5313.9	3476.6
47.5°	7701.0	7614.4	7527.7	7598.7	7669.7	8294.2	9040.7	8739.9	7445.9	5467.9	3489.2
50°	8412.7	8171.4	7930.2	7892.9	7855.6	8499.9	9291.6	9086.5	7800.9	5692.3	3583.7
52.5°	9135.8	8738.1	8340.5	8193.1	8045.1	8745.4	9624.3	9517.8	8307.4	6040.0	3772.0
55°	9798.7	9292.8	8786.9	8588.3	8389.8	9120.8	10030.4	10151.3	8956.5	6484.6	4012.0
57.5°	10443.1	9869.7	9296.4	9112.3	8928.2	9672.4	10544.7	10719.8	9612.3	6911.1	4209.3
60°	11057.9	10490.6	9922.7	9775.3	9627.3	10358.2	11100.6	10973.1	9950.3	7110.8	4270.7
62.5°	11530.7	11079.5	10628.3	10550.7	10472.5	11051.9	11527.7	10874.4	9735.6	6914.1	4092.6
65°	11729.9	11473.0	11215.5	11288.3	11360.5	11576.5	11634.2	10585.6	9060.6	6363.0	3665.5
67.5°	11157.7	11210.1	11262.4	11568.0	11873.0	11724.4	11317.8	10016.5	8099.8	5582.2	3064.5
70°	9436.0	9750.0	10063.4	10786.6	11509.1	11179.4	10470.1	8995.0	6943.6	4682.8	2421.4
72.5°	7220.9	7574.1	7926.6	8999.8	10072.5	9768.7	8900.0	7388.2	5567.1	3739.5	1911.3
75°	5228.4	5627.3	6025.6	7209.5	8393.4	7971.7	6657.2	5289.8	4228.6	2854.6	1479.9
77.5°	3724.5	3991.6	4258.7	5428.2	6597.1	5910.1	4431.3	3559.6	2926.8	1984.1	1040.8
80°	2987.5	2905.7	2823.9	3475.4	4126.9	4012.6	2931.0	2286.1	2025.6	1329.5	633.5
82.5°	2437.1	2237.3	2037.6	2344.4	2651.2	2634.4	2034.0	1677.2	1507.6	924.0	340.5
85°	1784.9	1704.9	1624.9	1896.2	2167.5	1935.9	1377.6	1066.0	1175.5	680.4	185.3
87.5°	870.5	994.4	1117.8	1437.8	1757.3	1319.3	418.1	206.9	286.4	188.3	89.6
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: P320509
 CATALOG NUMBER: GAN-SA5A-722-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: P320509
 CATALOG NUMBER: GAN-SA5A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1
2.5°	4687.6	4638.3	4582.3	4526.4	4462.6	4398.2	4360.3	4321.8	4280.3	4238.8	4191.9
5°	4293.0	4189.5	4072.2	3954.9	3838.8	3722.7	3660.1	3597.5	3531.4	3464.6	3406.8
7.5°	3726.3	3575.3	3412.8	3249.8	3105.4	2960.4	2870.8	2780.6	2698.7	2616.3	2547.1
10°	3227.5	3035.0	2872.0	2708.4	2599.5	2490.6	2408.2	2325.8	2246.3	2166.3	2089.9
12.5°	2899.1	2706.6	2603.1	2499.6	2409.4	2319.1	2224.1	2128.4	2019.5	1910.1	1830.0
15°	2770.9	2595.9	2481.0	2365.5	2244.5	2123.0	2006.3	1889.6	1760.9	1632.1	1541.3
17.5°	2715.6	2486.4	2325.8	2164.5	2005.1	1845.7	1710.3	1575.0	1434.2	1293.4	1201.4
20°	2657.2	2352.2	2136.9	1920.9	1716.3	1511.8	1358.4	1205.0	1079.3	953.5	883.1
22.5°	2604.3	2209.7	1939.5	1668.8	1427.0	1185.1	1034.7	883.7	806.7	729.7	701.5
25°	2582.6	2085.1	1753.0	1421.0	1165.9	910.2	803.1	696.0	666.6	636.5	622.0
27.5°	2586.2	1973.8	1596.0	1217.6	987.8	758.0	684.6	611.2	593.2	574.5	565.5
30°	2600.1	1852.9	1448.0	1043.2	853.7	664.2	616.6	568.5	549.3	530.0	518.6
32.5°	2615.7	1744.6	1333.7	922.2	767.6	612.4	573.3	533.6	515.0	496.3	484.9
35°	2588.7	1656.2	1255.5	854.9	712.3	569.1	536.0	502.3	481.9	461.4	450.6
37.5°	2542.9	1567.1	1194.8	821.8	676.2	530.0	505.9	481.3	460.2	438.6	428.3
40°	2501.4	1492.0	1149.6	806.7	656.3	505.3	484.9	464.4	442.8	420.5	408.5
42.5°	2467.7	1441.4	1105.1	768.8	638.3	507.1	478.3	448.8	427.7	406.7	393.4
45°	2442.5	1408.3	1070.2	732.1	621.4	510.8	474.1	437.4	416.3	394.6	379.0
47.5°	2440.1	1390.9	1045.6	700.3	589.6	478.3	463.2	448.2	417.5	386.2	368.2
50°	2473.1	1362.6	1016.7	670.2	558.9	447.6	468.0	487.9	435.6	382.6	359.8
52.5°	2542.3	1312.7	971.0	629.3	521.6	413.3	445.2	476.5	431.3	385.6	356.1
55°	2626.0	1239.3	901.8	563.7	472.3	380.2	408.5	436.2	407.9	379.0	343.5
57.5°	2678.3	1146.6	814.6	482.5	416.9	351.3	367.6	383.2	371.8	360.4	324.3
60°	2647.0	1023.3	716.5	409.1	368.2	327.3	324.3	320.6	337.5	354.3	312.8
62.5°	2494.2	895.8	629.9	364.0	333.3	302.0	295.4	288.2	315.8	342.9	299.0
65°	2236.1	806.7	575.1	343.5	309.2	274.9	267.7	260.5	268.9	277.3	256.9
67.5°	1908.3	752.0	543.8	335.7	294.2	252.1	243.6	235.2	233.4	231.6	224.4
70°	1570.2	718.3	523.4	328.5	277.9	226.8	219.0	211.2	208.8	205.7	200.3
72.5°	1312.7	714.1	521.0	327.9	264.7	201.5	194.3	187.1	184.1	180.5	176.3
75°	1075.0	670.2	494.5	318.8	246.7	173.9	167.2	160.6	158.2	155.2	151.6
77.5°	797.7	554.7	415.7	276.7	211.2	145.6	139.0	131.7	131.1	129.9	126.9
80°	517.4	401.3	297.2	193.1	154.0	114.3	108.9	102.9	103.5	104.1	101.7
82.5°	287.6	234.0	181.7	129.3	105.3	81.2	78.8	75.8	77.6	78.8	75.8
85°	151.6	117.9	97.5	77.0	60.8	44.5	44.5	43.9	46.3	48.7	46.3
87.5°	65.6	41.5	35.5	28.9	16.2	3.0	3.6	3.6	4.8	6.0	5.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320509
 CATALOG NUMBER: GAN-SA5A-722-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: P320509
 CATALOG NUMBER: GAN-SA5A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1
2.5°	4144.4	4100.5	4055.9	4007.2	4016.2	3978.9	3941.6	3918.2	3894.7	3887.5	3880.3
5°	3349.1	3299.1	3248.6	3203.5	3242.6	3216.1	3189.6	3186.0	3181.8	3181.8	3181.2
7.5°	2478.0	2424.4	2370.3	2333.0	2371.5	2366.7	2361.9	2387.7	2413.6	2434.6	2455.1
10°	2013.5	1948.6	1883.0	1827.6	1818.0	1790.3	1762.1	1768.1	1773.5	1796.4	1819.2
12.5°	1750.0	1672.4	1594.8	1529.9	1500.4	1454.7	1408.3	1379.5	1350.6	1353.6	1356.0
15°	1449.8	1374.6	1298.8	1242.9	1224.2	1188.7	1153.3	1117.2	1080.5	1065.4	1049.8
17.5°	1108.7	1048.6	987.8	950.5	950.5	940.3	930.1	912.0	893.4	878.3	862.7
20°	812.8	780.9	748.4	732.7	737.6	738.2	738.2	747.2	756.2	751.4	746.6
22.5°	672.6	661.2	649.7	643.1	645.5	646.1	646.7	655.1	663.0	669.0	674.4
25°	607.0	599.8	592.6	590.2	595.6	596.2	596.2	601.6	607.0	613.0	619.0
27.5°	555.9	552.9	549.9	545.6	551.1	551.1	550.5	556.5	561.9	567.3	572.1
30°	507.1	508.3	508.9	507.7	511.4	513.8	515.6	519.8	523.4	527.6	531.8
32.5°	472.9	471.0	469.2	468.0	475.9	480.1	484.3	488.5	492.1	493.9	495.7
35°	439.8	435.6	431.3	428.3	435.6	441.0	446.4	454.2	461.4	462.6	463.8
37.5°	417.5	412.1	406.7	403.1	406.1	408.5	410.9	419.3	427.7	432.5	436.8
40°	396.4	391.0	385.6	382.6	384.4	385.0	385.6	389.8	393.4	402.5	410.9
42.5°	379.6	373.0	366.4	362.8	364.0	365.2	365.8	365.2	364.6	373.0	381.4
45°	362.8	355.5	348.3	344.1	344.7	344.7	344.7	343.5	341.7	345.9	350.1
47.5°	349.5	341.1	332.7	328.5	327.3	326.1	324.9	324.3	323.1	326.1	328.5
50°	336.3	327.3	317.6	312.8	309.8	308.6	307.4	306.8	305.6	308.6	311.0
52.5°	326.1	315.2	304.4	296.6	293.6	291.8	290.0	290.6	290.6	291.8	292.4
55°	308.0	298.4	288.2	282.7	277.3	276.1	274.9	276.7	277.9	277.9	277.9
57.5°	288.2	279.1	269.5	265.9	261.1	261.1	260.5	262.9	264.7	265.9	267.1
60°	270.7	260.5	250.3	247.3	245.4	244.8	244.2	247.3	249.7	252.1	254.5
62.5°	254.5	243.6	232.8	229.2	228.6	229.2	229.2	232.2	234.6	237.0	239.4
65°	236.4	225.6	214.2	210.6	211.8	213.6	215.4	217.8	219.6	222.0	224.4
67.5°	216.6	207.5	197.9	194.3	194.9	197.3	199.7	201.5	202.7	205.1	207.5
70°	194.9	187.1	179.3	176.9	176.3	179.3	181.7	182.9	184.1	187.1	189.5
72.5°	171.5	164.8	158.2	156.4	157.0	158.8	160.6	162.4	163.6	166.6	169.0
75°	147.4	141.4	135.4	134.2	135.4	137.2	139.0	140.2	141.4	145.0	148.0
77.5°	123.9	117.3	110.1	109.5	111.3	113.1	114.3	116.1	117.9	122.7	127.5
80°	99.3	92.0	84.2	83.6	85.4	87.2	89.0	90.8	92.6	98.7	104.1
82.5°	72.8	64.4	55.9	54.7	60.8	62.6	64.4	67.4	69.8	75.2	80.6
85°	43.9	35.5	27.1	26.5	31.9	34.9	37.9	41.5	44.5	49.3	54.1
87.5°	4.8	2.4	0.0	0.0	0.6	3.0	5.4	8.4	11.4	16.2	20.5
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: P320509
 CATALOG NUMBER: GAN-SA5A-722-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: P320509
 CATALOG NUMBER: GAN-SA5A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1
2.5°	3853.8	3826.7	3854.4	3881.5	3892.9	3904.3	3874.9	3844.8	3891.7	3938.0	3950.1
5°	3157.2	3132.5	3151.1	3169.2	3128.9	3088.6	3084.4	3079.6	3114.4	3149.3	3154.8
7.5°	2447.3	2439.5	2456.9	2474.4	2423.2	2371.5	2346.2	2320.9	2329.4	2337.8	2336.6
10°	1824.6	1829.4	1851.1	1872.2	1832.5	1792.7	1775.3	1757.9	1777.1	1795.8	1813.2
12.5°	1366.8	1377.0	1399.9	1422.2	1405.9	1389.1	1390.9	1392.7	1414.9	1436.6	1455.9
15°	1061.8	1073.8	1090.1	1105.7	1106.3	1106.3	1122.0	1137.0	1135.2	1133.4	1146.6
17.5°	878.9	894.6	896.4	898.2	898.8	899.4	898.2	897.0	888.0	878.9	889.2
20°	752.6	758.0	762.8	767.0	761.6	755.6	740.6	725.5	719.5	713.5	723.1
22.5°	684.6	694.2	689.4	684.0	673.2	661.8	650.3	638.3	637.7	636.5	641.9
25°	627.5	635.3	626.9	618.4	610.6	602.8	595.0	587.2	586.6	586.0	588.4
27.5°	579.9	587.2	579.3	571.5	564.9	558.3	552.3	546.2	545.0	543.8	544.4
30°	539.0	545.6	539.0	531.8	527.0	521.6	517.4	513.2	512.6	512.0	512.0
32.5°	502.3	508.9	504.1	499.3	495.1	490.9	487.9	484.9	481.9	478.9	472.3
35°	470.4	477.1	474.1	470.4	465.6	460.8	455.4	449.4	441.6	433.1	429.5
37.5°	443.4	450.0	447.0	444.0	437.4	430.7	421.1	410.9	408.5	405.5	404.9
40°	421.7	431.9	425.9	419.3	409.1	398.9	394.0	389.2	388.0	386.8	385.6
42.5°	397.7	413.3	402.5	391.6	382.0	372.4	371.2	370.0	369.4	368.8	368.8
45°	367.6	384.4	373.6	362.2	356.7	351.3	351.3	351.3	351.9	351.9	353.1
47.5°	339.3	349.5	344.1	338.7	335.7	332.7	333.3	333.9	335.7	336.9	339.9
50°	315.2	318.8	320.0	320.6	318.8	317.0	318.2	318.8	320.6	321.9	324.3
52.5°	297.8	303.2	303.2	302.6	302.6	302.6	303.8	305.0	306.8	308.6	311.0
55°	286.4	294.2	291.8	289.4	290.0	290.0	291.2	292.4	294.2	295.4	299.0
57.5°	275.5	284.0	281.5	279.1	279.1	279.1	279.7	280.3	282.1	283.4	285.8
60°	262.9	271.3	268.9	265.9	266.5	267.1	267.7	267.7	268.9	269.5	269.5
62.5°	247.9	256.3	253.9	250.9	252.7	253.9	253.9	253.9	255.1	255.7	253.9
65°	232.2	240.0	237.6	235.2	237.6	239.4	240.6	241.2	240.6	240.0	238.2
67.5°	215.4	223.2	220.8	217.8	220.8	223.2	225.6	227.4	225.6	223.8	221.4
70°	197.3	205.1	202.1	199.1	202.1	205.1	207.5	210.0	207.5	205.1	204.5
72.5°	178.1	187.1	183.5	179.9	183.5	187.1	188.3	189.5	187.7	185.9	184.7
75°	157.0	166.0	163.0	159.4	162.4	165.4	166.0	166.6	166.6	166.0	162.4
77.5°	134.8	142.0	140.2	138.4	140.2	142.0	142.0	142.0	142.6	142.6	137.8
80°	108.3	112.5	113.1	113.7	114.3	114.9	114.3	113.7	112.5	111.3	108.3
82.5°	80.6	80.6	85.4	89.6	89.6	89.0	88.4	87.2	84.8	81.8	75.2
85°	51.1	48.1	55.9	63.2	63.2	62.6	61.4	59.6	54.7	49.3	43.9
87.5°	17.4	14.4	22.3	30.1	30.7	30.7	29.5	28.3	23.5	18.0	13.8
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: P320509
 CATALOG NUMBER: GAN-SA5A-722-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: P320509

CATALOG NUMBER: GAN-SA5A-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1
2.5°	3968.1	3975.9	3983.1	4042.1	4100.5	4169.0	4237.6	4290.0	4341.7	4395.2	4448.8
5°	3173.4	3183.0	3192.7	3264.2	3335.2	3430.9	3526.5	3609.0	3691.4	3788.2	3885.1
7.5°	2352.2	2373.3	2393.7	2470.1	2545.9	2648.8	2751.1	2858.8	2965.9	3092.2	3218.5
10°	1847.5	1887.2	1926.3	2004.5	2082.7	2184.4	2285.5	2397.9	2510.4	2635.0	2758.9
12.5°	1495.6	1548.5	1600.8	1694.7	1788.5	1910.1	2031.0	2156.1	2280.6	2390.1	2499.6
15°	1181.5	1239.3	1296.4	1395.7	1495.0	1628.5	1761.5	1898.0	2034.0	2165.1	2296.3
17.5°	921.6	969.2	1016.1	1100.3	1183.9	1313.3	1442.6	1585.8	1729.0	1889.0	2048.4
20°	743.6	763.4	783.3	844.0	904.2	1009.5	1114.2	1260.3	1406.5	1597.8	1789.1
22.5°	651.5	661.8	671.4	700.9	729.7	797.7	865.1	994.4	1123.2	1331.9	1540.1
25°	596.2	604.0	611.8	631.1	650.3	682.8	715.3	806.1	897.0	1102.1	1306.7
27.5°	546.2	558.3	569.7	578.7	587.2	609.4	631.1	690.6	750.2	941.5	1132.2
30°	510.2	514.4	518.6	532.4	545.6	568.5	591.4	632.9	674.4	836.2	997.4
32.5°	468.0	474.1	480.1	494.5	508.9	530.0	551.1	584.7	617.8	756.2	894.0
35°	430.1	436.2	442.2	456.6	470.4	493.3	515.6	543.8	571.5	691.8	812.2
37.5°	406.7	412.7	418.7	431.3	443.4	466.2	488.5	510.8	532.4	643.7	755.0
40°	386.8	392.8	398.9	410.9	422.3	444.6	466.2	484.9	503.5	607.6	711.7
42.5°	369.4	376.0	382.6	394.6	406.1	425.9	445.8	470.4	494.5	576.3	657.5
45°	354.9	361.6	367.6	380.8	394.0	413.3	432.5	466.8	501.1	560.1	619.0
47.5°	341.7	348.9	355.5	370.0	384.4	408.5	431.9	460.8	489.1	547.4	605.8
50°	329.1	337.5	345.9	363.4	380.2	420.5	460.2	464.4	468.0	537.2	605.8
52.5°	317.0	326.7	336.3	357.9	379.0	425.9	472.9	457.8	442.2	518.0	593.8
55°	305.0	313.4	321.3	347.7	374.2	408.5	442.8	422.9	402.5	481.9	561.3
57.5°	288.8	297.8	306.2	334.5	362.8	386.8	410.3	392.2	373.6	441.0	507.7
60°	271.9	282.1	292.4	328.5	364.0	359.8	354.9	351.3	347.1	395.2	443.4
62.5°	256.9	267.7	278.5	325.5	372.4	343.5	314.6	317.6	320.0	355.5	391.0
65°	241.8	252.7	262.9	286.4	309.8	298.4	287.0	291.8	296.0	330.9	365.8
67.5°	225.0	234.6	243.6	251.5	259.3	260.5	261.7	266.5	271.3	312.8	353.7
70°	206.3	214.2	222.0	227.4	232.2	234.6	236.4	242.4	248.5	293.6	338.7
72.5°	185.3	191.9	197.9	202.7	207.5	209.4	210.6	216.6	222.6	270.7	318.8
75°	162.4	167.8	172.7	176.9	181.1	183.5	185.9	190.1	194.3	246.7	298.4
77.5°	137.2	142.6	147.4	151.0	154.0	156.4	158.2	163.6	169.0	213.0	256.3
80°	107.1	113.7	119.7	122.7	125.1	125.7	125.7	130.5	135.4	166.6	197.3
82.5°	75.8	83.0	89.6	92.0	94.5	94.5	94.5	99.9	105.3	126.3	146.8
85°	44.5	52.3	59.6	62.0	64.4	65.6	66.2	68.6	70.4	85.4	99.9
87.5°	13.8	20.5	26.5	27.7	28.9	31.3	33.7	34.3	34.3	44.5	54.7
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: P320509
 CATALOG NUMBER: GAN-SA5A-722-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



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1	4584.1
2.5°	4510.1	4571.5	4643.1	4714.1	4774.8	4835.6	4886.1
5°	4008.4	4131.7	4282.7	4433.1	4567.3	4701.4	4857.3
7.5°	3377.9	3537.4	3732.9	3928.4	4117.9	4306.8	4546.2
10°	2921.3	3083.2	3290.1	3496.5	3709.4	3921.8	4192.5
12.5°	2631.4	2762.5	2962.8	3163.2	3413.4	3663.1	3923.6
15°	2440.1	2583.2	2778.2	2973.1	3246.8	3520.5	3820.1
17.5°	2236.1	2423.2	2672.9	2922.5	3246.8	3570.5	3923.6
20°	2022.6	2255.4	2579.0	2902.7	3339.4	3775.6	4226.2
22.5°	1809.6	2079.1	2494.2	2908.7	3479.6	4049.9	4658.1
25°	1617.7	1928.7	2442.5	2955.6	3683.6	4410.9	5165.3
27.5°	1472.1	1811.4	2421.4	3030.8	3942.2	4853.7	5716.9
30°	1342.8	1688.1	2396.1	3104.2	4191.3	5277.8	6148.3
32.5°	1230.9	1567.8	2347.4	3126.5	4365.2	5603.8	6513.4
35°	1143.0	1473.9	2265.6	3057.3	4474.0	5890.8	6893.7
37.5°	1067.2	1379.5	2172.4	2965.3	4570.9	6176.6	7321.4
40°	995.0	1278.4	2092.3	2905.7	4704.5	6503.2	7773.2
42.5°	926.5	1195.4	2028.0	2860.6	4828.4	6795.6	8168.4
45°	875.3	1131.6	1970.8	2809.4	4908.4	7007.4	8466.2
47.5°	850.1	1093.7	1940.1	2786.0	4988.4	7190.2	8713.5
50°	846.4	1087.1	1975.0	2863.0	5161.7	7459.8	8996.2
52.5°	845.8	1097.9	2075.5	3053.1	5483.5	7913.4	9302.4
55°	833.2	1104.5	2195.2	3285.3	5915.5	8545.0	9852.9
57.5°	794.7	1081.7	2318.5	3554.8	6372.1	9188.7	10473.1
60°	735.1	1026.3	2420.2	3813.5	6678.9	9543.7	10712.0
62.5°	660.5	929.5	2453.9	3977.7	6670.5	9363.2	10471.3
65°	596.8	827.8	2343.2	3858.0	6333.0	8807.3	9995.5
67.5°	540.2	726.1	2066.5	3406.2	5726.0	8045.1	9390.3
70°	499.3	659.3	1709.7	2760.1	4966.2	7171.6	8689.4
72.5°	473.5	627.5	1393.9	2159.7	4030.1	5899.8	7432.7
75°	438.0	577.5	1093.7	1609.3	3084.4	4559.5	5614.1
77.5°	371.8	486.7	824.2	1161.7	2263.2	3364.1	3904.3
80°	287.0	376.0	566.7	757.4	1557.5	2357.6	2662.0
82.5°	204.5	262.3	343.5	424.7	1034.7	1644.2	1669.4
85°	126.3	152.8	196.7	240.6	684.6	1128.6	940.3
87.5°	68.0	81.2	104.1	126.3	219.0	311.6	179.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)