

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P387063

Luminaire Tested: GAW-SA2D-740-U-SLL

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P387063
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
Product Line: STREETWORKS
Catalog Number: GAW-SA2D-740-U-SLL
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 4000K, 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: 14231 lumens
Efficiency: N/A
Efficacy: 110.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

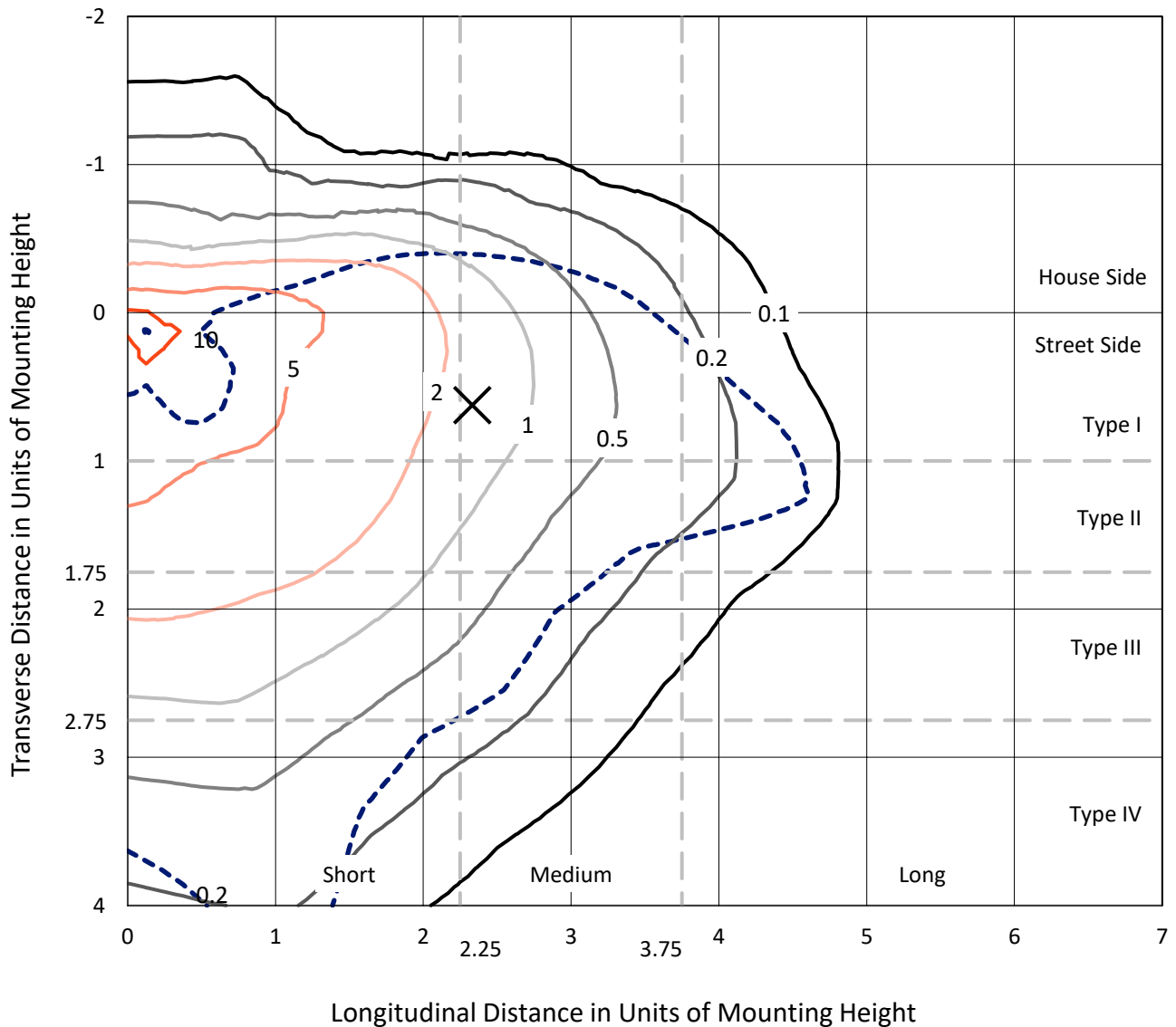
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

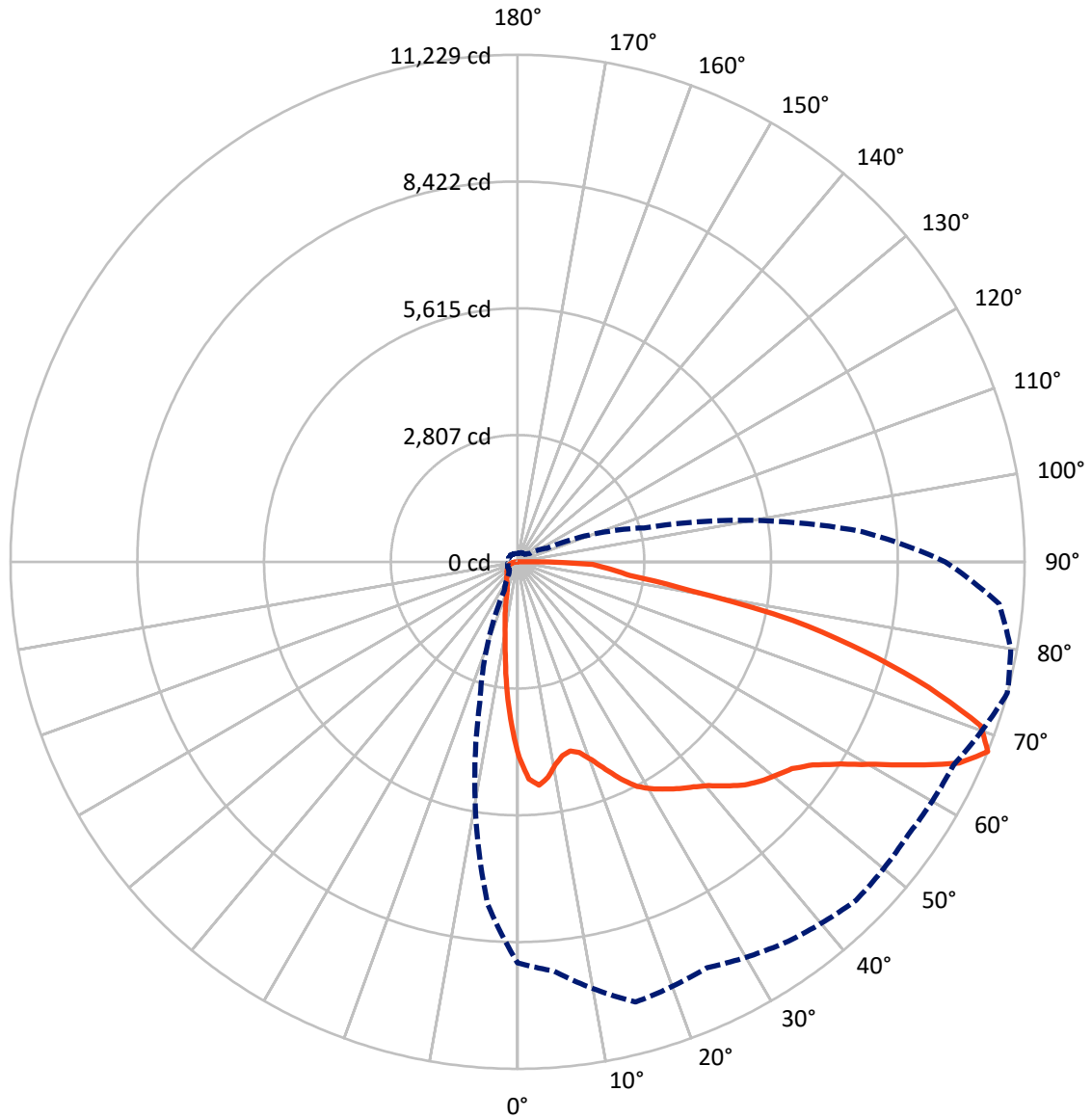
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 13.6 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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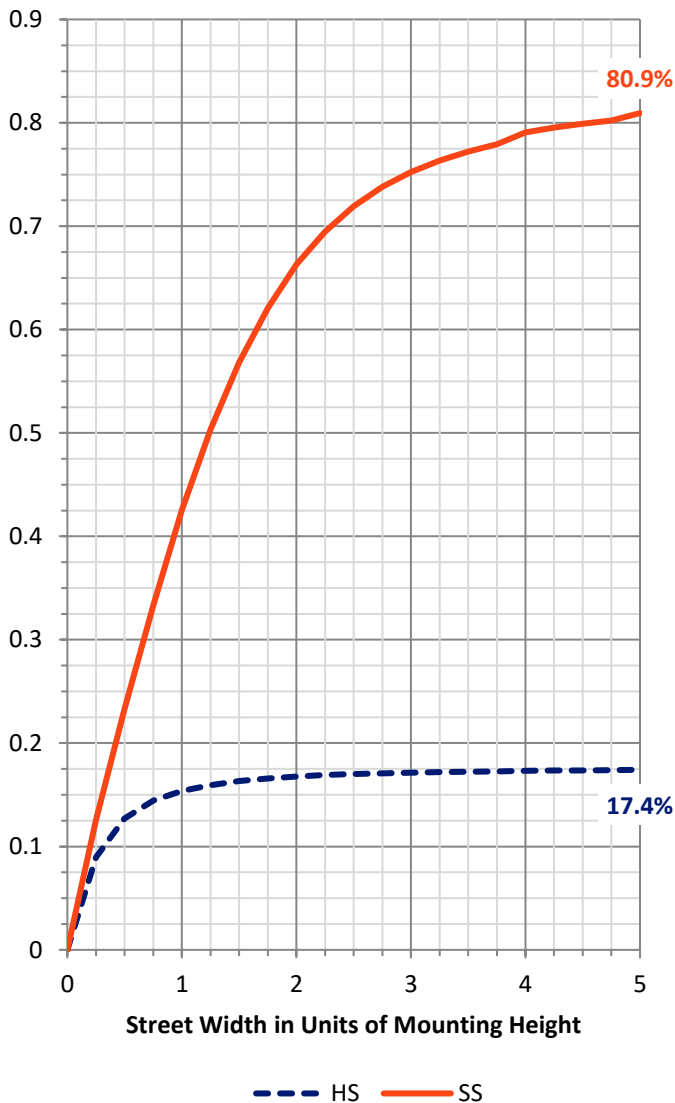
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2506.4	0.0	2506.4
	% Fixture	17.6	0.0	17.6
Street Side	Lumens	11724.6	0.0	11724.6
	% Fixture	82.4	0.0	82.4
Total	Lumens	14231.0	0.0	14231.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	334.6	2.4
10°-20°	695.1	4.9
20°-30°	988.6	6.9
30°-40°	1424.6	10.0
40°-50°	2007.6	14.1
50°-60°	2790.9	19.6
60°-70°	3375.1	23.7
70°-80°	2074.6	14.6
80°-90°	539.8	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°	14231.0	100.0
0°-180°	14231.0	100.0

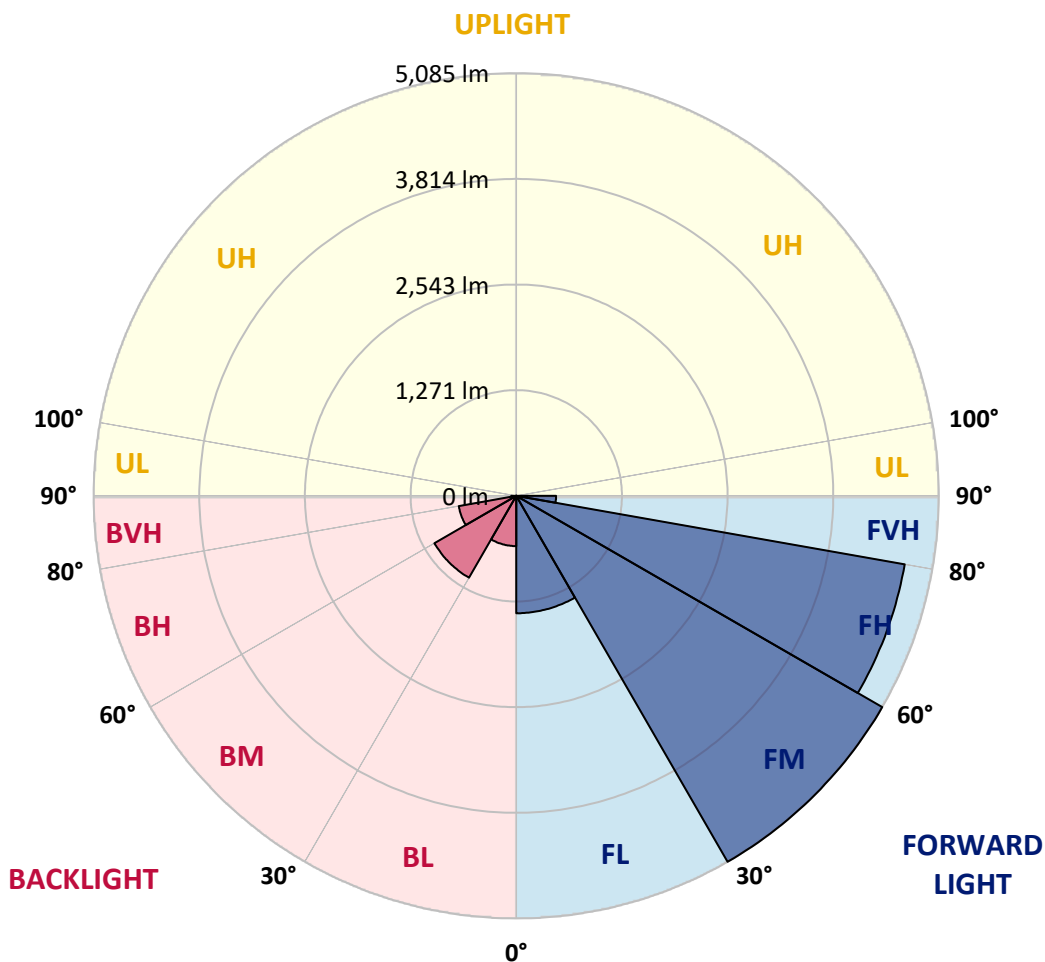


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1413.0	9.9			
FM (30°-60°)	5085.4	35.7			
FH (60°-80°)	4747.0	33.4			G2/5000
FVH (80°-90°)	479.2	3.4			G3/500
BL (0°-30°)	605.3	4.3	B2/1000		
BM (30°-60°)	1137.7	8.0	B2/2500		
BH (60°-80°)	702.7	4.9	B2/1000		G2/1000
BVH (80°-90°)	60.7	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°	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5
2.5°	4621.2	4682.0	4724.1	4765.7	4798.1	4830.0	4876.6	4923.3	4932.4	4940.9	4922.7
5°	4593.9	4742.4	4868.7	4994.4	5111.0	5227.7	5297.7	5367.6	5381.9	5396.1	5352.3
7.5°	4299.7	4518.7	4737.8	4956.9	5157.7	5358.5	5480.9	5602.6	5630.5	5657.8	5586.1
10°	3965.1	4220.0	4489.2	4758.3	5022.9	5287.4	5464.4	5641.3	5676.6	5711.9	5622.5
12.5°	3710.8	3989.0	4276.4	4563.7	4843.1	5121.9	5305.1	5488.3	5532.1	5575.9	5511.0
15°	3613.0	3917.9	4188.2	4458.4	4702.0	4944.9	5095.1	5244.8	5263.0	5280.6	5270.4
17.5°	3710.8	4047.1	4291.7	4535.8	4668.4	4800.4	4860.7	4920.4	4940.4	4959.7	4985.9
20°	3997.0	4360.0	4532.4	4704.2	4698.5	4692.3	4663.3	4633.7	4628.6	4623.4	4697.4
22.5°	4405.5	4827.1	4896.0	4964.3	4804.4	4644.5	4547.2	4449.3	4430.0	4410.1	4488.6
25°	4885.2	5334.1	5321.6	5308.5	5004.1	4699.1	4513.6	4328.1	4306.5	4284.9	4352.0
27.5°	5406.9	5835.9	5754.0	5672.0	5258.4	4844.8	4575.6	4306.5	4284.9	4263.3	4322.5
30°	5814.9	6204.0	6072.6	5941.2	5472.9	5004.6	4684.9	4365.1	4329.9	4294.0	4366.8
32.5°	6160.2	6491.4	6315.0	6138.6	5647.0	5155.4	4809.5	4463.6	4408.4	4353.2	4450.5
35°	6519.8	6778.1	6530.1	6281.4	5802.3	5322.7	4956.9	4590.4	4522.7	4455.0	4588.7
37.5°	6924.3	7138.8	6782.7	6425.9	5977.0	5528.1	5177.6	4826.6	4757.1	4687.7	4858.4
40°	7351.6	7530.3	7055.2	6580.1	6168.2	5756.3	5483.2	5209.5	5143.5	5076.9	5284.0
42.5°	7725.5	7855.7	7309.0	6762.2	6398.6	6034.5	5842.2	5649.3	5648.7	5647.6	5857.5
45°	8007.1	8120.3	7520.6	6920.4	6623.4	6325.8	6225.7	6125.5	6205.7	6286.0	6476.0
47.5°	8240.9	8317.8	7698.1	7078.0	6880.5	6683.1	6697.9	6712.7	6876.0	7039.3	7161.6
50°	8508.4	8446.3	7859.2	7271.4	7210.5	7149.7	7282.8	7415.4	7603.1	7790.3	7873.4
52.5°	8798.0	8633.5	8077.6	7521.2	7589.5	7657.7	7928.6	8199.4	8388.9	8578.3	8609.6
55°	9318.6	9066.5	8479.3	7891.6	8023.0	8153.9	8551.6	8948.7	9096.7	9244.6	9256.0
57.5°	9905.2	9681.6	9042.0	8402.5	8543.6	8684.7	9143.9	9602.5	9762.4	9921.7	9899.5
60°	10131.1	10141.9	9576.3	9010.2	9152.4	9294.7	9741.9	10189.1	10372.9	10556.1	10507.1
62.5°	9903.5	10170.3	9868.2	9565.5	9694.7	9823.2	10261.3	10699.5	10887.8	11076.1	10990.8
65°	9453.4	9718.0	9853.4	9988.8	10031.5	10074.2	10483.2	10891.8	11036.3	11180.2	11137.0
67.5°	8881.0	9095.0	9594.5	10093.5	10007.6	9921.7	10113.4	10305.2	10453.7	10602.2	10577.7
70°	8218.2	8473.1	9139.3	9805.6	9383.4	8960.7	8881.6	8802.5	8963.0	9122.8	9023.8
72.5°	7029.6	7414.2	8124.9	8834.9	8057.2	7279.4	7009.1	6738.9	6942.0	7145.1	6987.5
75°	5309.6	5820.0	6605.2	7389.8	6461.8	5533.8	5173.1	4812.3	4987.0	5161.7	5053.6
77.5°	3692.6	4332.7	5105.9	5879.2	4935.8	3991.9	3723.9	3455.3	3507.7	3559.5	3541.3
80°	2517.7	2938.7	3478.1	4016.9	3388.8	2760.6	2781.7	2802.2	2777.7	2752.7	2789.1
82.5°	1578.9	1875.3	2291.8	2707.7	2374.3	2040.9	2232.1	2423.2	2329.4	2234.9	2270.2
85°	889.3	1070.2	1477.6	1884.4	1756.4	1627.8	1739.9	1851.4	1705.8	1560.1	1624.4
87.5°	169.6	282.2	817.6	1352.4	1227.8	1103.2	958.7	814.2	621.3	428.4	625.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5
2.5°	4904.5	4894.8	4885.2	4850.5	4815.2	4762.8	4719.6	4644.5	4603.5	4541.5	4479.5
5°	5307.9	5246.5	5185.0	5079.2	4972.8	4854.4	4718.5	4567.7	4453.9	4306.0	4158.0
7.5°	5514.4	5371.1	5227.1	5024.0	4820.3	4637.1	4422.0	4221.7	4051.1	3858.7	3666.4
10°	5533.2	5318.1	5102.5	4838.5	4573.9	4351.5	4104.0	3881.5	3676.7	3455.9	3234.6
12.5°	5445.6	5216.9	4987.6	4696.8	4405.5	4152.9	3886.6	3637.4	3410.4	3167.4	2923.9
15°	5260.1	5077.5	4894.3	4621.7	4349.2	4094.3	3836.0	3540.7	3284.1	3035.4	2786.2
17.5°	5011.5	4925.0	4837.9	4641.1	4443.6	4222.9	3972.5	3626.0	3325.6	3055.4	2785.1
20°	4770.8	4802.7	4834.0	4755.4	4676.9	4500.0	4281.5	3892.3	3508.8	3155.5	2801.6
22.5°	4566.5	4719.6	4872.1	4933.0	4993.3	4886.9	4716.2	4266.1	3758.6	3297.2	2835.7
25°	4418.6	4672.4	4926.1	5128.7	5330.7	5283.4	5152.0	4720.2	4089.7	3501.4	2912.6
27.5°	4381.6	4692.9	5004.1	5318.1	5631.7	5675.5	5639.0	5198.7	4484.6	3755.2	3025.2
30°	4439.7	4754.9	5069.5	5451.9	5833.6	6008.3	6057.2	5597.5	4935.8	4051.1	3165.7
32.5°	4547.8	4856.7	5165.7	5582.2	5998.1	6262.1	6418.0	5962.2	5250.4	4274.1	3297.2
35°	4722.4	5011.5	5300.5	5734.1	6167.6	6509.0	6793.5	6338.9	5529.8	4430.0	3329.6
37.5°	5028.5	5277.2	5525.8	5926.4	6326.4	6769.0	7196.3	6753.7	5831.9	4580.2	3327.9
40°	5491.1	5666.9	5842.2	6180.7	6518.7	7075.7	7652.6	7216.2	6165.9	4742.9	3319.9
42.5°	6067.5	6157.9	6247.8	6515.8	6783.8	7396.0	8066.8	7668.6	6484.5	4894.3	3304.0
45°	6665.5	6689.4	6713.3	6882.2	7050.7	7649.8	8349.0	8008.2	6762.8	5025.7	3288.1
47.5°	7283.4	7201.4	7119.5	7186.6	7253.8	7844.4	8550.5	8266.0	7042.1	5171.4	3300.0
50°	7956.5	7728.3	7500.1	7464.9	7429.6	8039.0	8787.7	8593.7	7377.8	5383.6	3389.3
52.5°	8640.4	8264.3	7888.2	7748.8	7608.8	8271.1	9102.4	9001.7	7856.9	5712.4	3567.4
55°	9267.4	8788.9	8310.4	8122.6	7934.8	8626.1	9486.4	9600.8	8470.8	6132.9	3794.5
57.5°	9876.7	9334.5	8792.3	8618.2	8444.1	9147.9	9972.9	10138.5	9091.0	6536.3	3981.1
60°	10458.2	9921.7	9384.6	9245.2	9105.2	9796.5	10498.6	10378.0	9410.7	6725.2	4039.1
62.5°	10905.4	10478.7	10052.0	9978.6	9904.6	10452.5	10902.6	10284.7	9207.6	6539.2	3870.7
65°	11093.8	10850.8	10607.3	10676.1	10744.4	10948.7	11003.3	10011.6	8569.2	6018.0	3466.7
67.5°	10552.7	10602.2	10651.7	10940.7	11229.2	11088.6	10704.0	9473.3	7660.6	5279.5	2898.3
70°	8924.3	9221.3	9517.7	10201.6	10884.9	10573.1	9902.3	8507.2	6567.0	4428.9	2290.1
72.5°	6829.3	7163.3	7496.7	8511.8	9526.2	9238.9	8417.3	6987.5	5265.2	3536.7	1807.6
75°	4944.9	5322.1	5698.8	6818.5	7938.3	7539.4	6296.2	5002.9	3999.3	2699.8	1399.7
77.5°	3522.5	3775.1	4027.7	5133.8	6239.3	5589.5	4191.0	3366.6	2768.0	1876.5	984.3
80°	2825.5	2748.1	2670.7	3286.9	3903.1	3795.0	2772.0	2162.1	1915.7	1257.4	599.1
82.5°	2304.9	2116.0	1927.1	2217.3	2507.4	2491.5	1923.7	1586.3	1425.8	873.9	322.0
85°	1688.1	1612.5	1536.8	1793.4	2050.0	1830.9	1302.9	1008.2	1111.8	643.5	175.2
87.5°	823.3	940.5	1057.1	1359.8	1662.0	1247.7	395.4	195.7	270.8	178.1	84.8
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: P387063
 CATALOG NUMBER: GAW-SA2D-740-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: P387063

CATALOG NUMBER: GAW-SA2D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5
2.5°	4433.4	4386.7	4333.8	4280.9	4220.6	4159.7	4123.9	4087.5	4048.2	4009.0	3964.6
5°	4060.2	3962.3	3851.3	3740.4	3630.6	3520.8	3461.6	3402.4	3339.8	3276.7	3222.1
7.5°	3524.2	3381.4	3227.8	3073.6	2937.0	2799.9	2715.1	2629.8	2552.4	2474.4	2409.0
10°	3052.5	2870.4	2716.3	2561.5	2458.5	2355.5	2277.6	2199.6	2124.5	2048.9	1976.6
12.5°	2741.9	2559.8	2461.9	2364.1	2278.7	2193.4	2103.5	2013.0	1910.0	1806.5	1730.8
15°	2620.7	2455.1	2346.4	2237.2	2122.8	2007.9	1897.5	1787.1	1665.4	1543.6	1457.7
17.5°	2568.3	2351.5	2199.6	2047.1	1896.4	1745.6	1617.6	1489.6	1356.4	1223.3	1136.2
20°	2513.1	2224.7	2021.0	1816.7	1623.3	1429.8	1284.7	1139.6	1020.7	901.8	835.2
22.5°	2463.1	2089.8	1834.4	1578.3	1349.6	1120.9	978.6	835.8	763.0	690.2	663.4
25°	2442.6	1972.0	1658.0	1343.9	1102.7	860.8	759.6	658.3	630.4	602.0	588.3
27.5°	2446.0	1866.8	1509.5	1151.6	934.2	716.9	647.5	578.1	561.0	543.4	534.8
30°	2459.1	1752.4	1369.5	986.6	807.4	628.1	583.2	537.7	519.5	501.3	490.5
32.5°	2473.9	1650.0	1261.4	872.2	726.0	579.2	542.2	504.7	487.0	469.4	458.6
35°	2448.3	1566.4	1187.4	808.5	673.7	538.2	507.0	475.1	455.7	436.4	426.2
37.5°	2405.0	1482.2	1130.0	777.2	639.5	501.3	478.5	455.2	435.3	414.8	405.1
40°	2365.8	1411.0	1087.3	763.0	620.7	477.9	458.6	439.2	418.8	397.7	386.3
42.5°	2333.9	1363.2	1045.2	727.1	603.7	479.6	452.3	424.5	404.5	384.6	372.1
45°	2310.0	1332.0	1012.2	692.4	587.7	483.1	448.3	413.6	393.7	373.2	358.5
47.5°	2307.7	1315.5	988.9	662.3	557.6	452.3	438.1	423.9	394.9	365.3	348.2
50°	2339.0	1288.7	961.6	633.8	528.6	423.3	442.7	461.4	411.9	361.9	340.2
52.5°	2404.5	1241.5	918.3	595.1	493.3	390.9	421.0	450.6	408.0	364.7	336.8
55°	2483.5	1172.1	852.9	533.1	446.6	359.6	386.3	412.5	385.8	358.5	324.9
57.5°	2533.0	1084.5	770.4	456.3	394.3	332.3	347.6	362.4	351.6	340.8	306.7
60°	2503.5	967.8	677.6	386.9	348.2	309.5	306.7	303.3	319.2	335.1	295.9
62.5°	2358.9	847.2	595.7	344.2	315.2	285.6	279.4	272.5	298.7	324.3	282.8
65°	2114.9	763.0	543.9	324.9	292.4	260.0	253.2	246.4	254.3	262.3	242.9
67.5°	1804.8	711.2	514.3	317.5	278.2	238.4	230.4	222.5	220.8	219.1	212.2
70°	1485.0	679.3	495.0	310.7	262.9	214.5	207.1	199.7	197.4	194.6	189.5
72.5°	1241.5	675.4	492.7	310.1	250.3	190.6	183.8	176.9	174.1	170.7	166.7
75°	1016.7	633.8	467.7	301.6	233.3	164.4	158.2	151.9	149.6	146.8	143.4
77.5°	754.5	524.6	393.2	261.7	199.7	137.7	131.4	124.6	124.0	122.9	120.1
80°	489.3	379.5	281.1	182.6	145.7	108.1	103.0	97.3	97.9	98.4	96.2
82.5°	272.0	221.3	171.8	122.3	99.6	76.8	74.5	71.7	73.4	74.5	71.7
85°	143.4	111.5	92.2	72.8	57.5	42.1	42.1	41.5	43.8	46.1	43.8
87.5°	62.0	39.3	33.6	27.3	15.4	2.8	3.4	3.4	4.6	5.7	5.1
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: P387063
 CATALOG NUMBER: GAW-SA2D-740-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: P387063
 CATALOG NUMBER: GAW-SA2D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5
2.5°	3919.6	3878.1	3836.0	3789.9	3798.4	3763.2	3727.9	3705.7	3683.5	3676.7	3669.8
5°	3167.4	3120.2	3072.4	3029.8	3066.7	3041.7	3016.7	3013.3	3009.3	3009.3	3008.7
7.5°	2343.6	2292.9	2241.7	2206.5	2242.9	2238.3	2233.8	2258.2	2282.7	2302.6	2322.0
10°	1904.3	1842.9	1780.9	1728.5	1719.4	1693.3	1666.5	1672.2	1677.3	1698.9	1720.6
12.5°	1655.1	1581.7	1508.3	1446.9	1419.0	1375.8	1332.0	1304.6	1277.3	1280.2	1282.5
15°	1371.2	1300.1	1228.4	1175.5	1157.9	1124.3	1090.7	1056.6	1021.9	1007.6	992.9
17.5°	1048.6	991.7	934.2	899.0	899.0	889.3	879.6	862.6	844.9	830.7	815.9
20°	768.7	738.5	707.8	693.0	697.6	698.1	698.1	706.7	715.2	710.6	706.1
22.5°	636.1	625.3	614.5	608.2	610.5	611.1	611.6	619.6	627.0	632.7	637.8
25°	574.1	567.3	560.4	558.2	563.3	563.8	563.8	569.0	574.1	579.8	585.5
27.5°	525.7	522.9	520.0	516.1	521.2	521.2	520.6	526.3	531.4	536.5	541.1
30°	479.6	480.8	481.3	480.2	483.6	485.9	487.6	491.6	495.0	499.0	503.0
32.5°	447.2	445.5	443.8	442.7	450.1	454.0	458.0	462.0	465.4	467.1	468.8
35°	415.9	411.9	408.0	405.1	411.9	417.1	422.2	429.6	436.4	437.5	438.7
37.5°	394.9	389.7	384.6	381.2	384.1	386.3	388.6	396.6	404.5	409.1	413.1
40°	375.0	369.8	364.7	361.9	363.6	364.1	364.7	368.7	372.1	380.6	388.6
42.5°	359.0	352.8	346.5	343.1	344.2	345.4	345.9	345.4	344.8	352.8	360.7
45°	343.1	336.3	329.4	325.5	326.0	326.0	326.0	324.9	323.2	327.2	331.1
47.5°	330.6	322.6	314.6	310.7	309.5	308.4	307.2	306.7	305.5	308.4	310.7
50°	318.1	309.5	300.4	295.9	293.0	291.9	290.7	290.2	289.0	291.9	294.2
52.5°	308.4	298.1	287.9	280.5	277.7	275.9	274.2	274.8	274.8	275.9	276.5
55°	291.3	282.2	272.5	267.4	262.3	261.2	260.0	261.7	262.9	262.9	262.9
57.5°	272.5	264.0	254.9	251.5	246.9	246.9	246.4	248.6	250.3	251.5	252.6
60°	256.0	246.4	236.7	233.8	232.1	231.6	231.0	233.8	236.1	238.4	240.7
62.5°	240.7	230.4	220.2	216.8	216.2	216.8	216.8	219.6	221.9	224.2	226.4
65°	223.6	213.4	202.6	199.1	200.3	202.0	203.7	206.0	207.7	209.9	212.2
67.5°	204.8	196.3	187.2	183.8	184.3	186.6	188.9	190.6	191.7	194.0	196.3
70°	184.3	176.9	169.6	167.3	166.7	169.6	171.8	173.0	174.1	176.9	179.2
72.5°	162.2	155.9	149.6	147.9	148.5	150.2	151.9	153.6	154.8	157.6	159.9
75°	139.4	133.7	128.0	126.9	128.0	129.7	131.4	132.6	133.7	137.1	140.0
77.5°	117.2	110.9	104.1	103.6	105.3	107.0	108.1	109.8	111.5	116.1	120.6
80°	93.9	87.1	79.7	79.1	80.8	82.5	84.2	85.9	87.6	93.3	98.4
82.5°	68.8	60.9	52.9	51.8	57.5	59.2	60.9	63.7	66.0	71.1	76.2
85°	41.5	33.6	25.6	25.0	30.2	33.0	35.8	39.3	42.1	46.7	51.2
87.5°	4.6	2.3	0.0	0.0	0.6	2.8	5.1	8.0	10.8	15.4	19.3
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: P387063
 CATALOG NUMBER: GAW-SA2D-740-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: P387063
 CATALOG NUMBER: GAW-SA2D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5
2.5°	3644.8	3619.2	3645.4	3671.0	3681.8	3692.6	3664.7	3636.3	3680.7	3724.5	3735.8
5°	2985.9	2962.6	2980.3	2997.3	2959.2	2921.1	2917.1	2912.6	2945.6	2978.6	2983.7
7.5°	2314.6	2307.2	2323.7	2340.2	2291.8	2242.9	2219.0	2195.1	2203.0	2211.0	2209.9
10°	1725.7	1730.2	1750.7	1770.6	1733.1	1695.5	1679.0	1662.5	1680.7	1698.4	1714.9
12.5°	1292.7	1302.4	1324.0	1345.0	1329.7	1313.7	1315.5	1317.2	1338.2	1358.7	1376.9
15°	1004.2	1015.6	1031.0	1045.8	1046.3	1046.3	1061.1	1075.4	1073.6	1071.9	1084.5
17.5°	831.3	846.1	847.8	849.5	850.0	850.6	849.5	848.3	839.8	831.3	840.9
20°	711.8	716.9	721.5	725.4	720.3	714.6	700.4	686.2	680.5	674.8	683.9
22.5°	647.5	656.6	652.0	646.9	636.7	625.9	615.1	603.7	603.1	602.0	607.1
25°	593.4	600.8	592.9	584.9	577.5	570.1	562.7	555.3	554.7	554.2	556.5
27.5°	548.5	555.3	547.9	540.5	534.3	528.0	522.3	516.6	515.5	514.3	514.9
30°	509.8	516.1	509.8	503.0	498.4	493.3	489.3	485.3	484.8	484.2	484.2
32.5°	475.1	481.3	476.8	472.2	468.3	464.3	461.4	458.6	455.7	452.9	446.6
35°	444.9	451.2	448.3	444.9	440.4	435.8	430.7	425.0	417.6	409.7	406.2
37.5°	419.3	425.6	422.7	419.9	413.6	407.4	398.3	388.6	386.3	383.5	382.9
40°	398.8	408.5	402.8	396.6	386.9	377.2	372.7	368.1	367.0	365.8	364.7
42.5°	376.1	390.9	380.6	370.4	361.3	352.2	351.1	349.9	349.3	348.8	348.8
45°	347.6	363.6	353.3	342.5	337.4	332.3	332.3	332.3	332.8	332.8	334.0
47.5°	320.9	330.6	325.5	320.3	317.5	314.6	315.2	315.8	317.5	318.6	321.5
50°	298.1	301.6	302.7	303.3	301.6	299.8	301.0	301.6	303.3	304.4	306.7
52.5°	281.6	286.8	286.8	286.2	286.2	286.2	287.3	288.5	290.2	291.9	294.2
55°	270.8	278.2	275.9	273.7	274.2	274.2	275.4	276.5	278.2	279.4	282.8
57.5°	260.6	268.6	266.3	264.0	264.0	264.0	264.6	265.1	266.8	268.0	270.3
60°	248.6	256.6	254.3	251.5	252.1	252.6	253.2	253.2	254.3	254.9	254.9
62.5°	234.4	242.4	240.1	237.3	239.0	240.1	240.1	240.1	241.2	241.8	240.1
65°	219.6	227.0	224.7	222.5	224.7	226.4	227.6	228.2	227.6	227.0	225.3
67.5°	203.7	211.1	208.8	206.0	208.8	211.1	213.4	215.1	213.4	211.7	209.4
70°	186.6	194.0	191.2	188.3	191.2	194.0	196.3	198.6	196.3	194.0	193.4
72.5°	168.4	176.9	173.5	170.1	173.5	176.9	178.1	179.2	177.5	175.8	174.7
75°	148.5	157.0	154.2	150.8	153.6	156.5	157.0	157.6	157.6	157.0	153.6
77.5°	127.4	134.3	132.6	130.9	132.6	134.3	134.3	134.3	134.8	134.8	130.3
80°	102.4	106.4	107.0	107.5	108.1	108.7	108.1	107.5	106.4	105.3	102.4
82.5°	76.2	76.2	80.8	84.8	84.8	84.2	83.6	82.5	80.2	77.4	71.1
85°	48.4	45.5	52.9	59.7	59.7	59.2	58.0	56.3	51.8	46.7	41.5
87.5°	16.5	13.7	21.1	28.4	29.0	29.0	27.9	26.7	22.2	17.1	13.1
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: P387063
 CATALOG NUMBER: GAW-SA2D-740-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: P387063
 CATALOG NUMBER: GAW-SA2D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5
2.5°	3752.9	3760.3	3767.1	3822.9	3878.1	3943.0	4007.8	4057.3	4106.2	4156.9	4207.5
5°	3001.3	3010.4	3019.5	3087.2	3154.4	3244.8	3335.3	3413.2	3491.2	3582.8	3674.4
7.5°	2224.7	2244.6	2263.9	2336.2	2407.9	2505.2	2601.9	2703.7	2805.0	2924.5	3044.0
10°	1747.3	1784.9	1821.8	1895.8	1969.8	2065.9	2161.5	2267.9	2374.3	2492.1	2609.3
12.5°	1414.5	1464.5	1514.0	1602.8	1691.5	1806.5	1920.8	2039.2	2157.0	2260.5	2364.1
15°	1117.5	1172.1	1226.1	1320.0	1413.9	1540.2	1665.9	1795.1	1923.7	2047.7	2171.8
17.5°	871.7	916.6	961.0	1040.6	1119.7	1242.1	1364.4	1499.8	1635.2	1786.6	1937.3
20°	703.2	722.0	740.8	798.3	855.2	954.7	1053.7	1192.0	1330.2	1511.2	1692.1
22.5°	616.2	625.9	635.0	662.8	690.2	754.5	818.2	940.5	1062.3	1259.7	1456.6
25°	563.8	571.2	578.6	596.8	615.1	645.8	676.5	762.4	848.3	1042.4	1235.8
27.5°	516.6	528.0	538.8	547.3	555.3	576.4	596.8	653.2	709.5	890.4	1070.8
30°	482.5	486.5	490.5	503.5	516.1	537.7	559.3	598.6	637.8	790.9	943.3
32.5°	442.7	448.3	454.0	467.7	481.3	501.3	521.2	553.0	584.3	715.2	845.5
35°	406.8	412.5	418.2	431.8	444.9	466.6	487.6	514.3	540.5	654.3	768.1
37.5°	384.6	390.3	396.0	408.0	419.3	441.0	462.0	483.1	503.5	608.8	714.1
40°	365.8	371.5	377.2	388.6	399.4	420.5	441.0	458.6	476.2	574.7	673.1
42.5°	349.3	355.6	361.9	373.2	384.1	402.8	421.6	444.9	467.7	545.1	621.9
45°	335.7	342.0	347.6	360.2	372.7	390.9	409.1	441.5	474.0	529.7	585.5
47.5°	323.2	330.0	336.3	349.9	363.6	386.3	408.5	435.8	462.6	517.8	573.0
50°	311.2	319.2	327.2	343.7	359.6	397.7	435.3	439.2	442.7	508.1	573.0
52.5°	299.8	308.9	318.1	338.5	358.5	402.8	447.2	433.0	418.2	489.9	561.6
55°	288.5	296.4	303.8	328.9	353.9	386.3	418.8	400.0	380.6	455.7	530.8
57.5°	273.1	281.6	289.6	316.3	343.1	365.8	388.0	371.0	353.3	417.1	480.2
60°	257.2	266.8	276.5	310.7	344.2	340.2	335.7	332.3	328.3	373.8	419.3
62.5°	242.9	253.2	263.4	307.8	352.2	324.9	297.6	300.4	302.7	336.3	369.8
65°	228.7	239.0	248.6	270.8	293.0	282.2	271.4	275.9	279.9	312.9	345.9
67.5°	212.8	221.9	230.4	237.8	245.2	246.4	247.5	252.1	256.6	295.9	334.6
70°	195.2	202.6	209.9	215.1	219.6	221.9	223.6	229.3	235.0	277.7	320.3
72.5°	175.2	181.5	187.2	191.7	196.3	198.0	199.1	204.8	210.5	256.0	301.6
75°	153.6	158.7	163.3	167.3	171.3	173.5	175.8	179.8	183.8	233.3	282.2
77.5°	129.7	134.8	139.4	142.8	145.7	147.9	149.6	154.8	159.9	201.4	242.4
80°	101.3	107.5	113.2	116.1	118.3	118.9	118.9	123.5	128.0	157.6	186.6
82.5°	71.7	78.5	84.8	87.1	89.3	89.3	89.3	94.4	99.6	119.5	138.8
85°	42.1	49.5	56.3	58.6	60.9	62.0	62.6	64.9	66.6	80.8	94.4
87.5°	13.1	19.3	25.0	26.2	27.3	29.6	31.9	32.4	32.4	42.1	51.8
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: P387063
 CATALOG NUMBER: GAW-SA2D-740-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°	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5	4335.5
2.5°	4265.6	4323.6	4391.3	4458.4	4515.9	4573.4	4621.2
5°	3791.0	3907.7	4050.5	4192.7	4319.6	4446.5	4593.9
7.5°	3194.8	3345.5	3530.5	3715.4	3894.6	4073.2	4299.7
10°	2762.9	2916.0	3111.7	3306.8	3508.3	3709.1	3965.1
12.5°	2488.7	2612.7	2802.2	2991.6	3228.3	3464.4	3710.8
15°	2307.7	2443.2	2627.5	2811.8	3070.7	3329.6	3613.0
17.5°	2114.9	2291.8	2527.9	2764.0	3070.7	3376.8	3710.8
20°	1912.9	2133.1	2439.2	2745.3	3158.3	3570.8	3997.0
22.5°	1711.5	1966.4	2358.9	2751.0	3290.9	3830.3	4405.5
25°	1530.0	1824.1	2310.0	2795.3	3483.8	4171.7	4885.2
27.5°	1392.3	1713.2	2290.1	2866.5	3728.5	4590.4	5406.9
30°	1269.9	1596.5	2266.2	2935.9	3964.0	4991.6	5814.9
32.5°	1164.1	1482.7	2220.1	2956.9	4128.4	5299.9	6160.2
35°	1081.0	1394.0	2142.7	2891.5	4231.4	5571.3	6519.8
37.5°	1009.4	1304.6	2054.5	2804.4	4323.0	5841.6	6924.3
40°	941.1	1209.1	1978.9	2748.1	4449.3	6150.6	7351.6
42.5°	876.2	1130.5	1918.0	2705.4	4566.5	6427.1	7725.5
45°	827.8	1070.2	1863.9	2657.1	4642.2	6627.3	8007.1
47.5°	804.0	1034.4	1834.9	2634.9	4717.9	6800.3	8240.9
50°	800.5	1028.1	1867.9	2707.7	4881.8	7055.2	8508.4
52.5°	800.0	1038.4	1962.9	2887.5	5186.1	7484.2	8798.0
55°	788.0	1044.6	2076.2	3107.1	5594.7	8081.6	9318.6
57.5°	751.6	1023.0	2192.8	3362.0	6026.5	8690.4	9905.2
60°	695.3	970.7	2289.0	3606.7	6316.7	9026.1	10131.1
62.5°	624.7	879.1	2320.8	3762.0	6308.7	8855.4	9903.5
65°	564.4	782.9	2216.1	3648.8	5989.5	8329.7	9453.4
67.5°	510.9	686.7	1954.4	3221.5	5415.4	7608.8	8881.0
70°	472.2	623.6	1617.0	2610.4	4696.8	6782.7	8218.2
72.5°	447.8	593.4	1318.3	2042.6	3811.5	5579.9	7029.6
75°	414.2	546.2	1034.4	1522.0	2917.1	4312.2	5309.6
77.5°	351.6	460.3	779.5	1098.7	2140.5	3181.7	3692.6
80°	271.4	355.6	536.0	716.3	1473.1	2229.8	2517.7
82.5°	193.4	248.1	324.9	401.7	978.6	1555.0	1578.9
85°	119.5	144.5	186.1	227.6	647.5	1067.4	889.3
87.5°	64.3	76.8	98.4	119.5	207.1	294.7	169.6
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)