

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: P387149

Luminaire Tested: GAW-SA2D-827-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P387149
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-827-U-SLR
Description: GALLEON WALL LUMINAIRE
(2) 80 CRI, 2700K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10461 lumens
Efficiency: N/A
Efficacy: 81.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B2 - U0 - G3

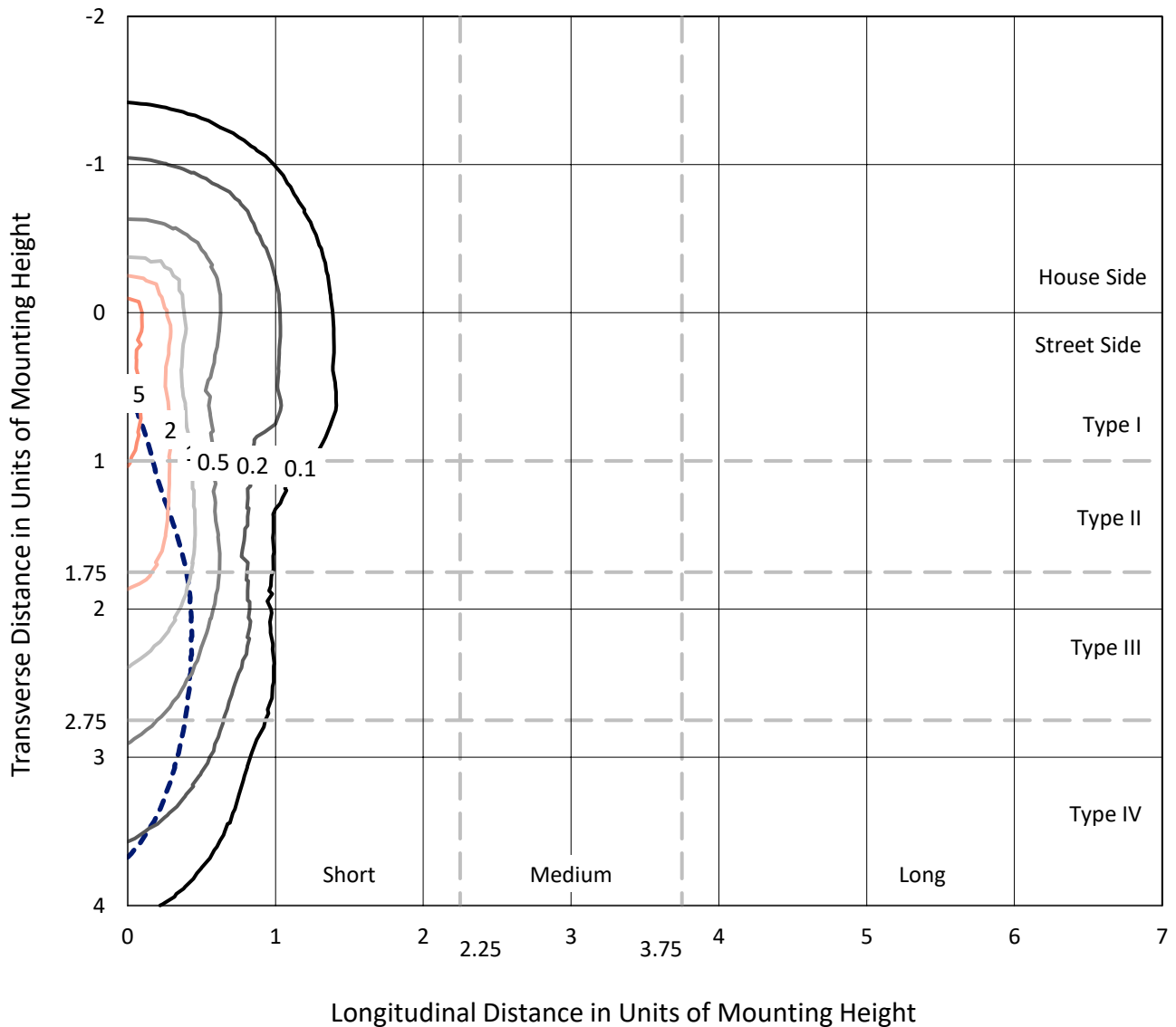
Input Watts (W): 128
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

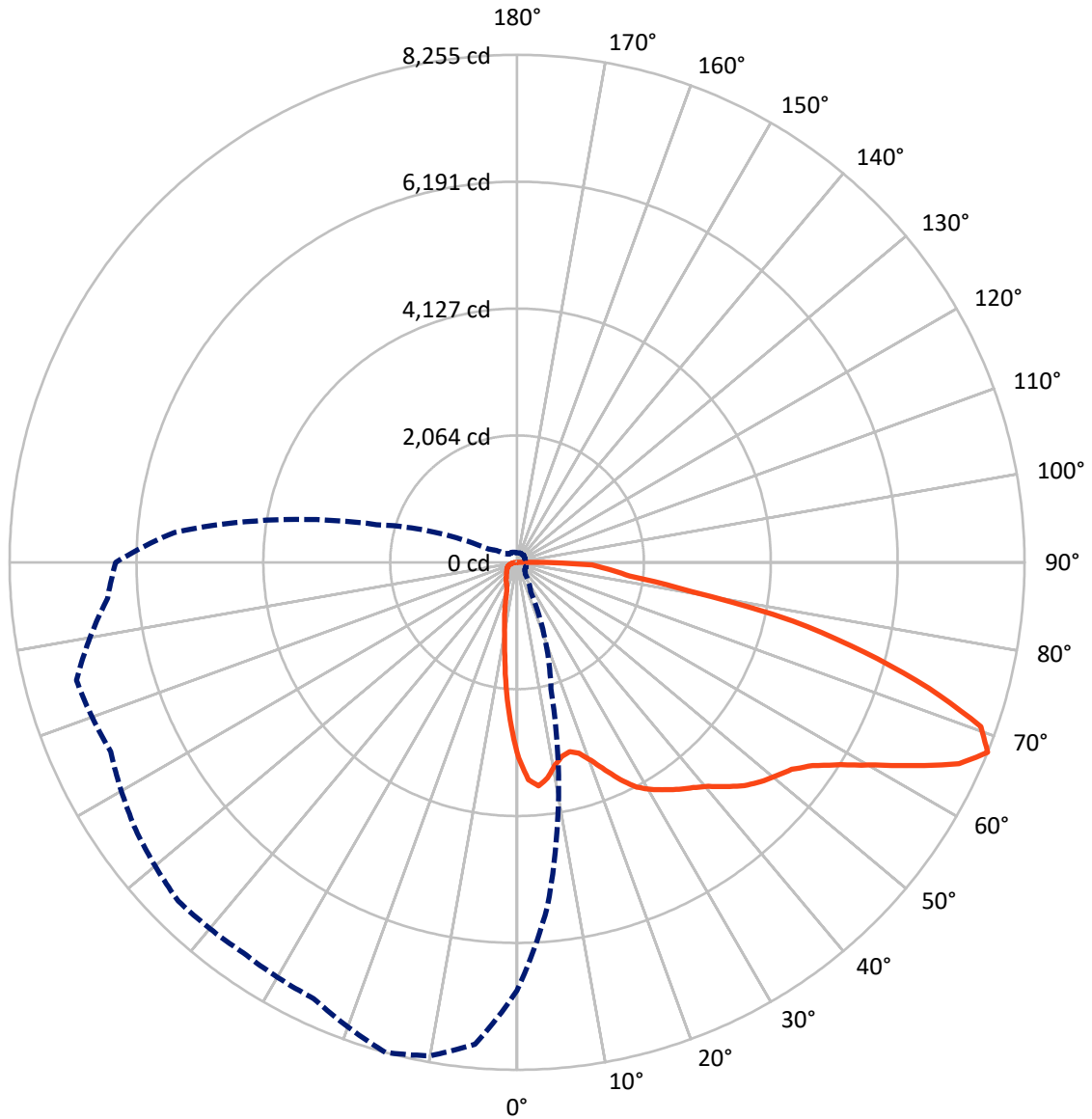
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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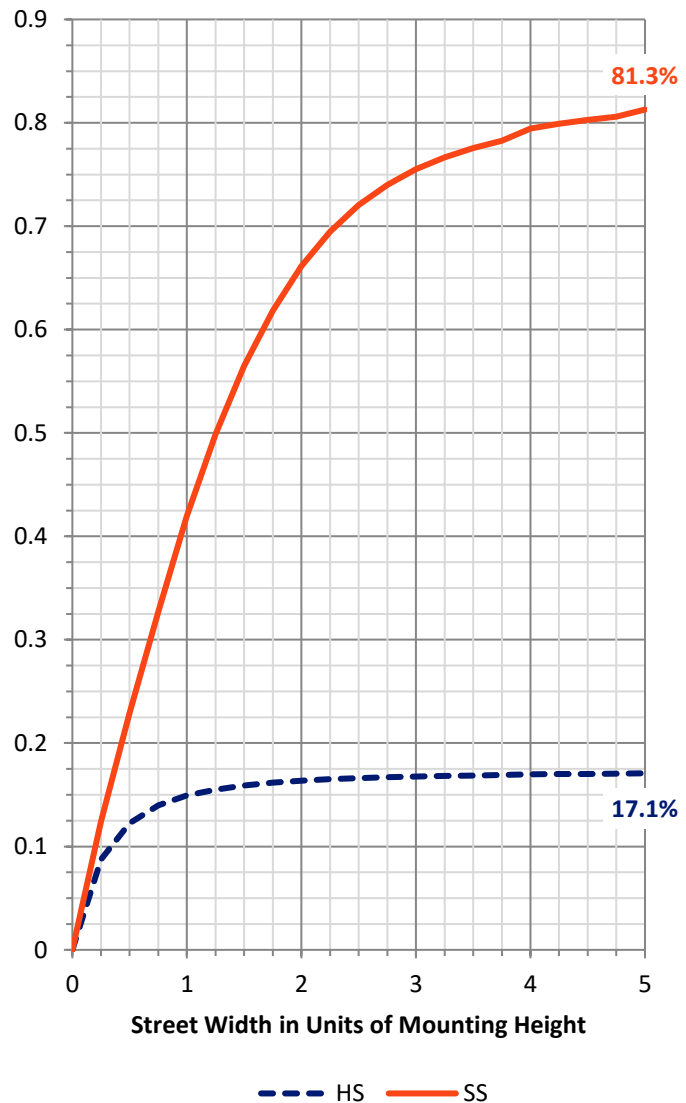
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1808.5	0.0	1808.5
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	8652.5	0.0	8652.5
	% Fixture	82.7	0.0	82.7
Total	Lumens	10461.0	0.0	10461.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	246.0	2.4
10°-20°	511.0	4.9
20°-30°	726.7	6.9
30°-40°	1047.2	10.0
40°-50°	1475.8	14.1
50°-60°	2051.6	19.6
60°-70°	2481.0	23.7
70°-80°	1525.0	14.6
80°-90°	396.8	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°	10461.0	100.0
0°-180°	10461.0	100.0

Coefficient of Utilization

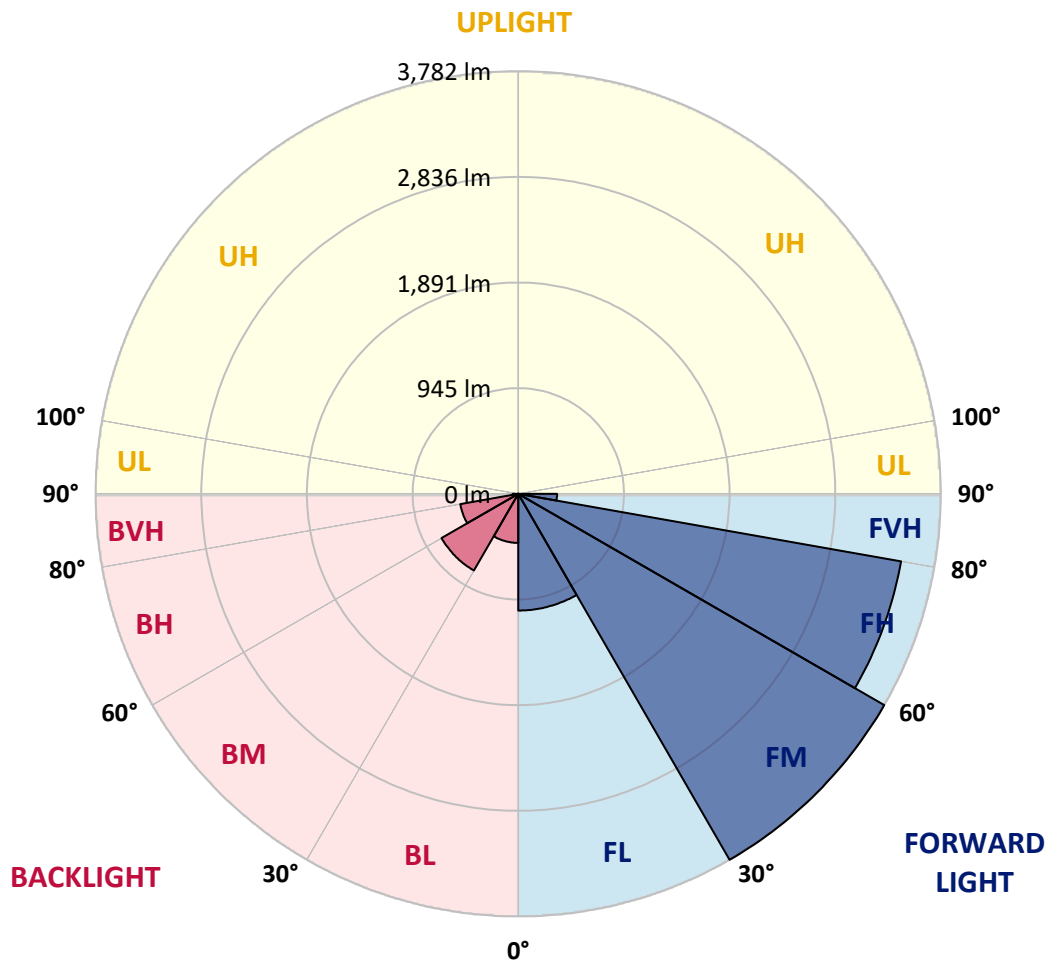


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1044.6	10.0			
FM (30°-60°)	3781.9	36.2			
FH (60°-80°)	3479.0	33.3			G2/5000
FVH (80°-90°)	347.1	3.3			G3/500
BL (0°-30°)	439.1	4.2	B1/500		
BM (30°-60°)	792.6	7.6	B1/1000		
BH (60°-80°)	527.0	5.0	B2/1000		G2/1000
BVH (80°-90°)	49.7	0.5			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 IV Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0
2.5°	3414.1	3384.0	3338.4	3292.8	3259.0	3224.7	3185.8	3146.9	3102.5	3057.8	3031.4
5°	3357.7	3274.0	3165.3	3056.5	2984.6	2912.6	2831.1	2749.5	2668.8	2588.1	2544.6
7.5°	3103.4	2977.9	2836.5	2695.2	2590.6	2485.6	2372.7	2259.4	2159.0	2058.2	1995.9
10°	2853.3	2702.7	2540.4	2377.7	2243.9	2110.0	1996.7	1882.9	1807.2	1731.5	1674.2
12.5°	2673.8	2507.0	2328.4	2149.4	2015.5	1881.7	1809.7	1737.8	1675.1	1612.3	1546.2
15°	2602.7	2414.1	2231.3	2048.1	1926.4	1804.7	1724.8	1644.5	1560.5	1476.0	1394.8
17.5°	2665.5	2444.6	2246.0	2047.3	1888.0	1728.6	1616.9	1504.8	1394.0	1283.2	1189.1
20°	2861.2	2579.3	2319.6	2059.4	1847.4	1635.3	1485.6	1335.5	1193.2	1051.0	944.4
22.5°	3136.0	2762.9	2423.7	2084.5	1810.6	1536.2	1348.4	1160.2	992.1	823.9	719.4
25°	3469.7	3006.3	2573.9	2141.0	1795.5	1449.6	1218.8	987.9	810.6	632.8	558.4
27.5°	3821.5	3296.6	2760.4	2223.8	1798.0	1372.3	1109.6	846.5	686.8	527.0	476.0
30°	4114.7	3628.3	2977.9	2327.1	1807.6	1288.2	1006.7	725.2	593.5	461.7	428.7
32.5°	4382.8	3859.6	3141.8	2423.7	1818.5	1212.9	927.2	641.2	533.7	425.8	398.6
35°	4659.7	4064.9	3256.4	2447.6	1799.7	1151.4	872.9	594.3	495.2	395.7	372.7
37.5°	4964.6	4287.0	3366.9	2446.3	1767.9	1089.5	830.6	571.3	470.1	368.5	351.7
40°	5304.6	4532.5	3486.5	2440.5	1739.1	1037.2	799.3	560.9	456.3	351.3	337.1
42.5°	5637.1	4766.7	3597.7	2428.7	1715.6	1002.1	768.3	534.5	443.8	352.6	332.5
45°	5886.8	4971.2	3694.3	2417.0	1698.1	979.1	744.1	509.0	432.0	355.1	329.6
47.5°	6076.2	5176.6	3801.4	2425.8	1696.4	967.0	726.9	486.8	409.9	332.5	322.0
50°	6317.2	5423.4	3957.4	2491.5	1719.4	947.3	706.8	465.9	388.5	311.2	325.4
52.5°	6617.0	5775.5	4199.2	2622.4	1767.5	912.6	675.0	437.5	362.6	287.3	309.5
55°	7057.4	6226.8	4508.2	2789.3	1825.6	861.6	626.9	391.9	328.3	264.3	284.0
57.5°	7452.7	6682.7	4804.8	2926.5	1862.0	797.2	566.3	335.4	289.8	244.3	255.5
60°	7628.8	6917.7	4943.6	2969.1	1840.3	711.4	498.1	284.4	256.0	227.5	225.4
62.5°	7560.2	6768.4	4806.9	2845.3	1734.0	622.8	437.9	253.0	231.7	210.0	205.4
65°	7359.4	6299.2	4423.8	2548.4	1554.6	560.9	399.8	238.8	215.0	191.1	186.1
67.5°	6963.8	5631.2	3880.9	2130.5	1326.7	522.8	378.1	233.4	204.5	175.2	169.4
70°	6253.6	4827.4	3255.6	1683.4	1091.6	499.4	363.9	228.4	193.2	157.7	152.2
72.5°	5136.4	3870.4	2599.8	1328.8	912.6	496.5	362.2	227.9	184.0	140.1	135.1
75°	3677.6	2939.8	1984.6	1028.9	747.4	465.9	343.8	221.7	171.5	120.9	116.3
77.5°	2474.7	2034.8	1379.4	723.6	554.6	385.6	289.0	192.4	146.8	101.2	96.6
80°	1589.3	1408.2	924.3	440.4	359.7	279.0	206.6	134.3	107.1	79.5	75.7
82.5°	1166.1	1048.1	642.4	236.7	199.9	162.7	126.3	89.9	73.2	56.5	54.8
85°	741.1	817.2	473.0	128.8	105.4	82.0	67.8	53.5	42.2	31.0	31.0
87.5°	143.9	199.1	130.9	62.3	45.6	28.9	24.7	20.1	11.3	2.1	2.5
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



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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°	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0
2.5°	3004.7	2975.8	2946.9	2914.3	2881.3	2850.7	2819.8	2785.9	2792.2	2766.3	2740.3
5°	2501.1	2455.1	2408.7	2368.5	2328.4	2293.6	2258.5	2227.1	2254.3	2235.9	2217.5
7.5°	1933.1	1876.2	1818.9	1770.8	1722.7	1685.5	1647.9	1621.9	1648.7	1645.4	1642.0
10°	1616.9	1561.7	1506.1	1453.0	1399.9	1354.7	1309.1	1270.6	1263.9	1244.7	1225.0
12.5°	1479.7	1404.0	1327.9	1272.3	1216.7	1162.7	1108.8	1063.6	1043.1	1011.3	979.1
15°	1313.7	1224.2	1134.7	1071.5	1008.0	955.7	903.0	864.1	851.1	826.4	801.8
17.5°	1095.0	997.1	899.2	835.2	770.8	729.0	686.8	660.8	660.8	653.7	646.6
20°	837.7	750.3	662.9	614.0	565.0	542.9	520.3	509.4	512.8	513.2	513.2
22.5°	614.4	560.9	507.3	487.7	467.6	459.6	451.7	447.1	448.8	449.2	449.6
25°	483.9	463.4	442.5	432.5	422.0	417.0	412.0	410.3	414.1	414.5	414.5
27.5°	424.9	412.4	399.4	393.1	386.5	384.4	382.3	379.3	383.1	383.1	382.7
30°	395.2	381.9	368.5	360.5	352.6	353.4	353.8	353.0	355.5	357.2	358.4
32.5°	371.0	358.0	345.1	337.1	328.7	327.5	326.2	325.4	330.8	333.8	336.7
35°	349.2	335.0	320.8	313.3	305.7	302.8	299.9	297.8	302.8	306.6	310.3
37.5°	334.6	320.0	304.9	297.8	290.3	286.5	282.7	280.2	282.3	284.0	285.7
40°	322.9	307.8	292.4	284.0	275.6	271.9	268.1	266.0	267.3	267.7	268.1
42.5°	312.0	297.4	282.7	273.5	263.9	259.3	254.7	252.2	253.0	253.9	254.3
45°	304.1	289.4	274.4	263.5	252.2	247.2	242.2	239.2	239.7	239.7	239.7
47.5°	311.6	290.3	268.5	256.0	243.0	237.1	231.3	228.4	227.5	226.7	225.9
50°	339.2	302.8	266.0	250.1	233.8	227.5	220.8	217.5	215.4	214.6	213.7
52.5°	331.2	299.9	268.1	247.6	226.7	219.2	211.6	206.2	204.1	202.8	201.6
55°	303.2	283.6	263.5	238.8	214.1	207.4	200.3	196.6	192.8	192.0	191.1
57.5°	266.4	258.5	250.5	225.4	200.3	194.1	187.4	184.9	181.5	181.5	181.1
60°	222.9	234.6	246.3	217.5	188.2	181.1	174.0	171.9	170.6	170.2	169.8
62.5°	200.3	219.6	238.4	207.9	176.9	169.4	161.9	159.4	158.9	159.4	159.4
65°	181.1	187.0	192.8	178.6	164.4	156.8	148.9	146.4	147.2	148.5	149.7
67.5°	163.5	162.3	161.0	156.0	150.6	144.3	137.6	135.1	135.5	137.2	138.9
70°	146.8	145.1	143.0	139.3	135.5	130.1	124.6	123.0	122.5	124.6	126.3
72.5°	130.1	128.0	125.5	122.5	119.2	114.6	110.0	108.7	109.2	110.4	111.7
75°	111.7	110.0	107.9	105.4	102.5	98.3	94.1	93.3	94.1	95.4	96.6
77.5°	91.6	91.2	90.3	88.2	86.2	81.6	76.5	76.1	77.4	78.6	79.5
80°	71.5	71.9	72.4	70.7	69.0	64.0	58.6	58.1	59.4	60.6	61.9
82.5°	52.7	54.0	54.8	52.7	50.6	44.8	38.9	38.1	42.2	43.5	44.8
85°	30.5	32.2	33.9	32.2	30.5	24.7	18.8	18.4	22.2	24.3	26.3
87.5°	2.5	3.3	4.2	3.8	3.3	1.7	0.0	0.0	0.4	2.1	3.8
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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 CATALOG NUMBER: GAW-SA2D-827-U-SLR

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: P387149
 CATALOG NUMBER: GAW-SA2D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0
2.5°	2724.0	2707.7	2702.7	2697.7	2679.3	2660.4	2679.7	2698.5	2706.5	2714.4	2693.9
5°	2215.0	2212.1	2212.1	2211.7	2194.9	2177.8	2190.8	2203.3	2175.3	2147.3	2144.3
7.5°	1660.0	1678.0	1692.6	1706.9	1701.4	1696.0	1708.1	1720.2	1684.7	1648.7	1631.1
10°	1229.2	1233.0	1248.9	1264.8	1268.5	1271.9	1286.9	1301.6	1274.0	1246.4	1234.2
12.5°	959.0	939.0	941.0	942.7	950.2	957.4	973.3	988.7	977.4	965.7	967.0
15°	776.7	751.2	740.7	729.8	738.2	746.6	757.9	768.7	769.1	769.1	780.0
17.5°	634.1	621.1	610.6	599.8	611.1	621.9	623.2	624.4	624.9	625.3	624.4
20°	519.5	525.7	522.4	519.0	523.2	527.0	530.3	533.3	529.5	525.3	514.9
22.5°	455.5	460.9	465.1	468.9	476.0	482.7	479.3	475.5	468.0	460.1	452.1
25°	418.2	422.0	426.2	430.4	436.2	441.7	435.8	430.0	424.5	419.1	413.6
27.5°	386.9	390.6	394.4	397.7	403.2	408.2	402.8	397.3	392.7	388.1	383.9
30°	361.4	363.9	366.8	369.7	374.7	379.3	374.7	369.7	366.4	362.6	359.7
32.5°	339.6	342.1	343.4	344.6	349.2	353.8	350.5	347.1	344.2	341.3	339.2
35°	315.8	320.8	321.6	322.5	327.1	331.7	329.6	327.1	323.7	320.4	316.6
37.5°	291.5	297.4	300.7	303.6	308.2	312.8	310.8	308.7	304.1	299.5	292.8
40°	271.0	273.5	279.8	285.7	293.2	300.3	296.1	291.5	284.4	277.3	273.9
42.5°	253.9	253.5	259.3	265.2	276.5	287.3	279.8	272.3	265.6	258.9	258.1
45°	238.8	237.6	240.5	243.4	255.5	267.3	259.7	251.8	248.0	244.3	244.3
47.5°	225.4	224.6	226.7	228.4	235.9	243.0	239.2	235.5	233.4	231.3	231.7
50°	213.3	212.5	214.6	216.2	219.2	221.7	222.5	222.9	221.7	220.4	221.3
52.5°	202.0	202.0	202.8	203.3	207.0	210.8	210.8	210.4	210.4	210.4	211.2
55°	192.4	193.2	193.2	193.2	199.1	204.5	202.8	201.2	201.6	201.6	202.4
57.5°	182.8	184.0	184.9	185.7	191.6	197.4	195.7	194.1	194.1	194.1	194.5
60°	171.9	173.6	175.2	176.9	182.8	188.6	187.0	184.9	185.3	185.7	186.1
62.5°	161.4	163.1	164.8	166.5	172.3	178.2	176.5	174.4	175.7	176.5	176.5
65°	151.4	152.7	154.3	156.0	161.4	166.9	165.2	163.5	165.2	166.5	167.3
67.5°	140.1	140.9	142.6	144.3	149.7	155.2	153.5	151.4	153.5	155.2	156.8
70°	127.1	128.0	130.1	131.7	137.2	142.6	140.5	138.4	140.5	142.6	144.3
72.5°	112.9	113.8	115.9	117.5	123.8	130.1	127.6	125.1	127.6	130.1	130.9
75°	97.5	98.3	100.8	102.9	109.2	115.4	113.3	110.8	112.9	115.0	115.4
77.5°	80.7	82.0	85.3	88.7	93.7	98.7	97.5	96.2	97.5	98.7	98.7
80°	63.2	64.4	68.6	72.4	75.3	78.2	78.6	79.0	79.5	79.9	79.5
82.5°	46.8	48.5	52.3	56.0	56.0	56.0	59.4	62.3	62.3	61.9	61.5
85°	28.9	31.0	34.3	37.6	35.6	33.5	38.9	43.9	43.9	43.5	42.7
87.5°	5.9	7.9	11.3	14.2	12.1	10.0	15.5	20.9	21.3	21.3	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: P387149
 CATALOG NUMBER: GAW-SA2D-827-U-SLR

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: P387149
 CATALOG NUMBER: GAW-SA2D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0
2.5°	2673.0	2705.6	2737.8	2746.2	2758.7	2764.2	2769.2	2810.2	2850.7	2898.4	2946.1
5°	2141.0	2165.2	2189.5	2193.3	2206.2	2212.9	2219.6	2269.4	2318.7	2385.2	2451.7
7.5°	1613.6	1619.4	1625.3	1624.5	1635.3	1650.0	1664.2	1717.3	1770.0	1841.5	1912.6
10°	1222.1	1235.5	1248.5	1260.6	1284.4	1312.0	1339.2	1393.6	1448.0	1518.6	1588.9
12.5°	968.2	983.7	998.8	1012.1	1039.8	1076.6	1112.9	1178.2	1243.4	1327.9	1412.0
15°	790.5	789.2	788.0	797.2	821.4	861.6	901.3	970.3	1039.3	1132.2	1224.6
17.5°	623.6	617.3	611.1	618.2	640.7	673.8	706.4	765.0	823.1	913.0	1002.9
20°	504.4	500.2	496.0	502.7	516.9	530.8	544.6	586.8	628.6	701.8	774.6
22.5°	443.8	443.3	442.5	446.3	453.0	460.1	466.8	487.3	507.3	554.6	601.4
25°	408.2	407.8	407.4	409.0	414.5	419.9	425.4	438.7	452.1	474.7	497.3
27.5°	379.8	378.9	378.1	378.5	379.8	388.1	396.1	402.4	408.2	423.7	438.7
30°	356.8	356.3	355.9	355.9	354.7	357.6	360.5	370.1	379.3	395.2	411.1
32.5°	337.1	335.0	332.9	328.3	325.4	329.6	333.8	343.8	353.8	368.5	383.1
35°	312.4	307.0	301.1	298.6	299.0	303.2	307.4	317.4	327.1	343.0	358.4
37.5°	285.7	284.0	281.9	281.5	282.7	286.9	291.1	299.9	308.2	324.1	339.6
40°	270.6	269.8	268.9	268.1	268.9	273.1	277.3	285.7	293.6	309.1	324.1
42.5°	257.2	256.8	256.4	256.4	256.8	261.4	266.0	274.4	282.3	296.1	309.9
45°	244.3	244.7	244.7	245.5	246.8	251.4	255.5	264.7	273.9	287.3	300.7
47.5°	232.1	233.4	234.2	236.3	237.6	242.6	247.2	257.2	267.3	284.0	300.3
50°	221.7	222.9	223.8	225.4	228.8	234.6	240.5	252.6	264.3	292.4	320.0
52.5°	212.0	213.3	214.6	216.2	220.4	227.1	233.8	248.9	263.5	296.1	328.7
55°	203.3	204.5	205.4	207.9	212.0	217.9	223.3	241.7	260.1	284.0	307.8
57.5°	194.9	196.2	197.0	198.7	200.8	207.0	212.9	232.5	252.2	268.9	285.2
60°	186.1	187.0	187.4	187.4	189.0	196.2	203.3	228.4	253.0	250.1	246.8
62.5°	176.5	177.3	177.8	176.5	178.6	186.1	193.6	226.3	258.9	238.8	218.7
65°	167.7	167.3	166.9	165.6	168.1	175.7	182.8	199.1	215.4	207.4	199.5
67.5°	158.1	156.8	155.6	153.9	156.4	163.1	169.4	174.8	180.3	181.1	181.9
70°	146.0	144.3	142.6	142.2	143.5	148.9	154.3	158.1	161.4	163.1	164.4
72.5°	131.7	130.5	129.2	128.4	128.8	133.4	137.6	140.9	144.3	145.5	146.4
75°	115.9	115.9	115.4	112.9	112.9	116.7	120.0	123.0	125.9	127.6	129.2
77.5°	98.7	99.1	99.1	95.8	95.4	99.1	102.5	105.0	107.1	108.7	110.0
80°	79.0	78.2	77.4	75.3	74.4	79.0	83.2	85.3	87.0	87.4	87.4
82.5°	60.6	59.0	56.9	52.3	52.7	57.7	62.3	64.0	65.7	65.7	65.7
85°	41.4	38.1	34.3	30.5	31.0	36.4	41.4	43.1	44.8	45.6	46.0
87.5°	19.7	16.3	12.5	9.6	9.6	14.2	18.4	19.2	20.1	21.7	23.4
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: P387149
 CATALOG NUMBER: GAW-SA2D-827-U-SLR

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: P387149
 CATALOG NUMBER: GAW-SA2D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0
2.5°	2982.5	3018.5	3055.7	3092.9	3135.6	3178.2	3228.0	3277.4	3319.6	3361.8	3397.0
5°	2509.0	2566.3	2633.7	2701.0	2786.8	2872.5	2977.5	3082.0	3175.3	3268.6	3376.9
7.5°	1987.5	2061.9	2149.8	2237.6	2348.4	2459.3	2595.2	2731.1	2862.9	2994.2	3160.7
10°	1667.1	1745.3	1831.9	1918.1	2031.0	2143.5	2287.4	2430.8	2578.9	2726.5	2914.7
12.5°	1499.0	1585.6	1661.7	1737.8	1829.4	1920.6	2059.8	2199.1	2373.1	2546.7	2727.8
15°	1319.6	1414.1	1505.3	1596.4	1696.4	1795.9	1931.4	2067.0	2257.3	2447.6	2655.8
17.5°	1102.5	1202.0	1313.3	1424.1	1554.6	1684.7	1858.3	2031.8	2257.3	2482.3	2727.8
20°	876.2	977.9	1110.9	1243.9	1406.1	1568.0	1793.0	2018.0	2321.7	2624.9	2938.2
22.5°	691.4	780.9	926.0	1070.7	1258.1	1445.4	1734.0	2022.2	2419.1	2815.6	3238.5
25°	560.4	623.6	766.2	908.4	1124.7	1340.9	1698.1	2054.8	2560.9	3066.6	3591.0
27.5°	480.1	521.5	654.6	787.1	1023.4	1259.3	1683.4	2107.1	2740.8	3374.4	3974.6
30°	440.0	468.9	581.4	693.4	933.5	1173.6	1665.9	2158.1	2913.9	3669.3	4274.4
32.5°	406.5	429.5	525.7	621.5	855.7	1089.9	1632.0	2173.6	3034.8	3895.9	4528.3
35°	378.1	397.3	481.0	564.6	794.7	1024.7	1575.1	2125.5	3110.5	4095.4	4792.7
37.5°	355.1	370.1	447.5	524.9	742.0	959.0	1510.3	2061.5	3177.8	4294.1	5090.0
40°	337.1	350.1	422.4	494.8	691.8	888.8	1454.7	2020.1	3270.7	4521.2	5404.1
42.5°	327.1	343.8	400.7	457.1	644.1	831.1	1409.9	1988.7	3356.8	4724.5	5678.9
45°	324.6	348.4	389.4	430.4	608.5	786.7	1370.2	1953.2	3412.4	4871.7	5885.9
47.5°	320.4	340.0	380.6	421.2	591.0	760.4	1348.8	1936.9	3468.1	4998.8	6057.8
50°	322.9	325.4	373.5	421.2	588.5	755.8	1373.1	1990.4	3588.5	5186.2	6254.4
52.5°	318.3	307.4	360.1	412.8	588.1	763.3	1442.9	2122.6	3812.3	5501.6	6467.3
55°	294.0	279.8	335.0	390.2	579.3	767.9	1526.2	2284.0	4112.6	5940.7	6850.0
57.5°	272.7	259.7	306.6	353.0	552.5	752.0	1611.9	2471.4	4430.0	6388.3	7281.2
60°	244.3	241.3	274.8	308.2	511.1	713.5	1682.6	2651.2	4643.3	6635.0	7447.2
62.5°	220.8	222.5	247.2	271.9	459.2	646.2	1706.0	2765.4	4637.5	6509.5	7279.9
65°	202.8	205.8	230.0	254.3	414.9	575.5	1629.1	2682.2	4402.9	6123.1	6949.1
67.5°	185.3	188.6	217.5	245.9	375.6	504.8	1436.7	2368.1	3980.8	5593.2	6528.4
70°	168.6	172.7	204.1	235.5	347.1	458.4	1188.6	1918.9	3452.6	4985.9	6041.1
72.5°	150.6	154.8	188.2	221.7	329.2	436.2	969.1	1501.5	2801.8	4101.7	5167.4
75°	132.2	135.1	171.5	207.4	304.5	401.5	760.4	1118.8	2144.3	3169.9	3903.0
77.5°	113.8	117.5	148.1	178.2	258.5	338.4	573.0	807.6	1573.4	2338.8	2714.4
80°	90.8	94.1	115.9	137.2	199.5	261.4	394.0	526.6	1082.8	1639.1	1850.7
82.5°	69.4	73.2	87.8	102.1	142.2	182.4	238.8	295.3	719.4	1143.1	1160.6
85°	47.7	48.9	59.4	69.4	87.8	106.2	136.8	167.3	476.0	784.6	653.7
87.5°	23.8	23.8	31.0	38.1	47.3	56.5	72.4	87.8	152.2	216.7	124.6
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: P387149
 CATALOG NUMBER: GAW-SA2D-827-U-SLR

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: P387149

CATALOG NUMBER: GAW-SA2D-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0
2.5°	3441.7	3472.3	3503.2	3526.6	3550.5	3584.8	3619.1	3625.3	3632.0	3618.6	3605.3
5°	3486.1	3578.5	3671.3	3757.1	3842.8	3894.3	3945.7	3956.2	3966.6	3934.4	3901.8
7.5°	3321.7	3482.7	3643.7	3791.4	3939.0	4028.5	4118.4	4138.5	4159.0	4106.3	4053.6
10°	3102.1	3299.9	3497.8	3692.3	3886.7	4016.8	4146.9	4172.8	4198.7	4133.1	4067.4
12.5°	2932.3	3143.5	3354.7	3559.7	3765.0	3899.7	4034.4	4066.6	4098.8	4051.1	4003.0
15°	2880.0	3078.7	3277.4	3455.9	3635.0	3745.0	3855.4	3868.3	3881.7	3874.2	3866.7
17.5°	2975.0	3154.4	3334.2	3431.3	3528.7	3572.6	3617.0	3631.2	3645.8	3664.7	3683.9
20°	3205.0	3331.3	3458.0	3453.9	3449.3	3427.9	3406.2	3402.4	3398.6	3452.6	3507.0
22.5°	3548.4	3598.6	3649.2	3531.6	3414.1	3342.6	3270.7	3256.4	3241.8	3299.1	3356.8
25°	3921.0	3911.8	3902.2	3678.5	3454.3	3317.9	3181.6	3165.7	3149.8	3198.7	3248.1
27.5°	4289.9	4229.7	4169.5	3865.4	3561.3	3363.5	3165.7	3149.8	3133.9	3177.4	3220.9
30°	4560.5	4463.9	4367.3	4023.1	3678.9	3443.8	3208.8	3182.8	3156.5	3210.0	3263.6
32.5°	4771.7	4642.1	4512.4	4151.1	3789.7	3535.4	3281.1	3240.6	3200.0	3271.5	3343.0
35°	4982.5	4800.2	4617.4	4265.2	3912.7	3643.7	3374.4	3324.6	3274.8	3373.1	3471.4
37.5°	5247.7	4985.9	4723.6	4393.6	4063.7	3806.0	3548.0	3496.9	3445.9	3571.0	3696.4
40°	5535.5	5186.2	4837.0	4534.2	4231.4	4030.6	3829.4	3780.9	3732.0	3884.2	4036.5
42.5°	5774.7	5372.8	4970.8	4703.6	4435.9	4294.5	4152.7	4152.3	4151.5	4305.8	4460.1
45°	5969.2	5528.3	5087.1	4868.8	4650.0	4576.4	4502.8	4561.8	4620.8	4760.0	4899.7
47.5°	6114.3	5658.8	5203.0	5057.8	4912.7	4923.6	4934.4	5054.5	5174.5	5264.0	5353.9
50°	6208.8	5777.2	5345.2	5300.4	5255.6	5353.1	5451.0	5588.6	5726.6	5787.7	5848.7
52.5°	6346.4	5937.8	5528.8	5579.0	5629.1	5828.2	6027.3	6166.6	6305.9	6328.4	6351.4
55°	6664.7	6233.1	5801.0	5897.2	5993.8	6285.8	6578.1	6686.9	6795.6	6804.0	6812.4
57.5°	7116.8	6646.7	6176.6	6280.3	6384.1	6721.2	7058.7	7175.8	7293.3	7277.0	7260.3
60°	7455.2	7039.5	6623.3	6727.9	6832.4	7161.2	7489.9	7624.6	7759.7	7723.7	7687.7
62.5°	7476.1	7254.0	7031.5	7126.0	7221.0	7543.0	7865.1	8003.5	8141.9	8079.2	8016.5
65°	7143.6	7243.1	7342.7	7374.1	7405.4	7705.7	8006.4	8112.3	8218.5	8186.7	8154.9
67.5°	6685.6	7052.4	7419.6	7356.5	7293.3	7434.3	7575.2	7684.4	7793.6	7775.6	7757.2
70°	6228.5	6718.2	7208.0	6897.7	6586.9	6528.8	6470.6	6588.2	6706.1	6633.3	6560.2
72.5°	5450.1	5972.1	6494.5	5922.7	5351.0	5152.3	4953.7	5103.0	5252.3	5136.4	5020.2
75°	4278.2	4855.0	5432.1	4750.0	4067.8	3802.7	3537.5	3665.9	3794.3	3714.8	3635.0
77.5°	3184.9	3753.3	4321.7	3628.3	2934.4	2737.4	2540.0	2578.1	2616.5	2603.1	2589.3
80°	2160.2	2556.3	2952.8	2491.1	2029.3	2044.4	2059.8	2041.9	2023.5	2050.2	2077.0
82.5°	1378.5	1684.3	1990.4	1745.3	1500.2	1640.8	1781.3	1712.3	1642.9	1668.4	1694.3
85°	786.7	1085.8	1385.2	1291.1	1196.6	1278.6	1361.0	1253.9	1146.8	1193.7	1240.9
87.5°	207.4	600.6	994.2	902.6	811.0	704.7	598.5	456.7	314.9	460.1	605.2
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: P387149
 CATALOG NUMBER: GAW-SA2D-827-U-SLR

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°	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0	3187.0
2.5°	3598.1	3591.0	3565.5	3539.6	3501.1	3469.3	3414.1
5°	3856.6	3811.5	3733.7	3655.4	3568.5	3468.5	3357.7
7.5°	3948.2	3842.4	3693.1	3543.4	3408.7	3250.6	3103.4
10°	3909.3	3750.8	3556.7	3362.3	3198.7	3016.8	2853.3
12.5°	3834.9	3666.3	3452.6	3238.5	3052.3	2857.0	2673.8
15°	3732.4	3597.7	3397.4	3197.1	3009.7	2819.8	2602.7
17.5°	3620.3	3556.3	3411.6	3266.5	3104.2	2920.2	2665.5
20°	3530.0	3553.4	3495.7	3438.0	3307.9	3147.3	2861.2
22.5°	3468.9	3581.4	3625.8	3670.5	3592.3	3466.8	3136.0
25°	3434.6	3621.2	3769.6	3918.5	3883.8	3787.2	3469.7
27.5°	3449.7	3678.5	3908.9	4139.8	4172.0	4145.2	3821.5
30°	3494.8	3726.6	4007.2	4288.3	4416.7	4452.6	4114.7
32.5°	3570.1	3797.2	4103.0	4409.1	4603.2	4717.8	4382.8
35°	3683.9	3896.4	4215.1	4533.8	4784.7	4993.8	4659.7
37.5°	3879.2	4062.0	4356.0	4650.5	4975.8	5289.9	4964.6
40°	4165.3	4294.5	4543.0	4791.8	5201.3	5625.4	5304.6
42.5°	4526.2	4592.7	4789.7	4986.7	5436.7	5929.9	5637.1
45°	4917.3	4934.9	5058.7	5182.9	5623.3	6137.3	5886.8
47.5°	5293.7	5233.5	5282.8	5332.2	5766.3	6285.4	6076.2
50°	5681.0	5513.3	5487.4	5461.4	5909.4	6459.8	6317.2
52.5°	6075.0	5798.5	5696.1	5593.2	6080.0	6691.1	6617.0
55°	6460.6	6108.9	5970.8	5832.8	6341.0	6973.4	7057.4
57.5°	6861.7	6463.1	6335.1	6207.2	6724.5	7331.0	7452.7
60°	7293.3	6898.5	6796.0	6693.2	7201.3	7717.4	7628.8
62.5°	7702.8	7389.1	7335.2	7280.8	7683.6	8014.4	7560.2
65°	7976.3	7797.3	7847.5	7898.1	8048.3	8088.4	7359.4
67.5°	7793.6	7829.9	8042.0	8254.5	8151.1	7868.4	6963.8
70°	6778.1	6996.4	7498.7	8001.4	7772.2	7279.1	6253.6
72.5°	5265.3	5510.8	6256.5	7002.7	6791.4	6187.5	5136.4
75°	3911.8	4189.1	5012.2	5835.3	5542.1	4628.3	3677.6
77.5°	2775.0	2960.7	3773.4	4586.5	4108.4	3080.8	2474.7
80°	2020.1	1963.2	2416.2	2869.2	2789.7	2037.7	1589.3
82.5°	1555.4	1416.6	1629.9	1843.2	1831.5	1414.1	1166.1
85°	1185.3	1129.7	1318.3	1506.9	1345.5	957.8	741.1
87.5°	690.9	777.1	999.2	1221.7	916.8	290.7	143.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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)