

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: P386785

Luminaire Tested: GAW-SA2C-727-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P386785
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-SA2C-727-U-SLR
Description: GALLEON WALL LUMINAIRE
(2) 70 CRI, 2700K, 1050mA 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: 10849 lumens
Efficiency: N/A
Efficacy: 96.0 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): 113
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

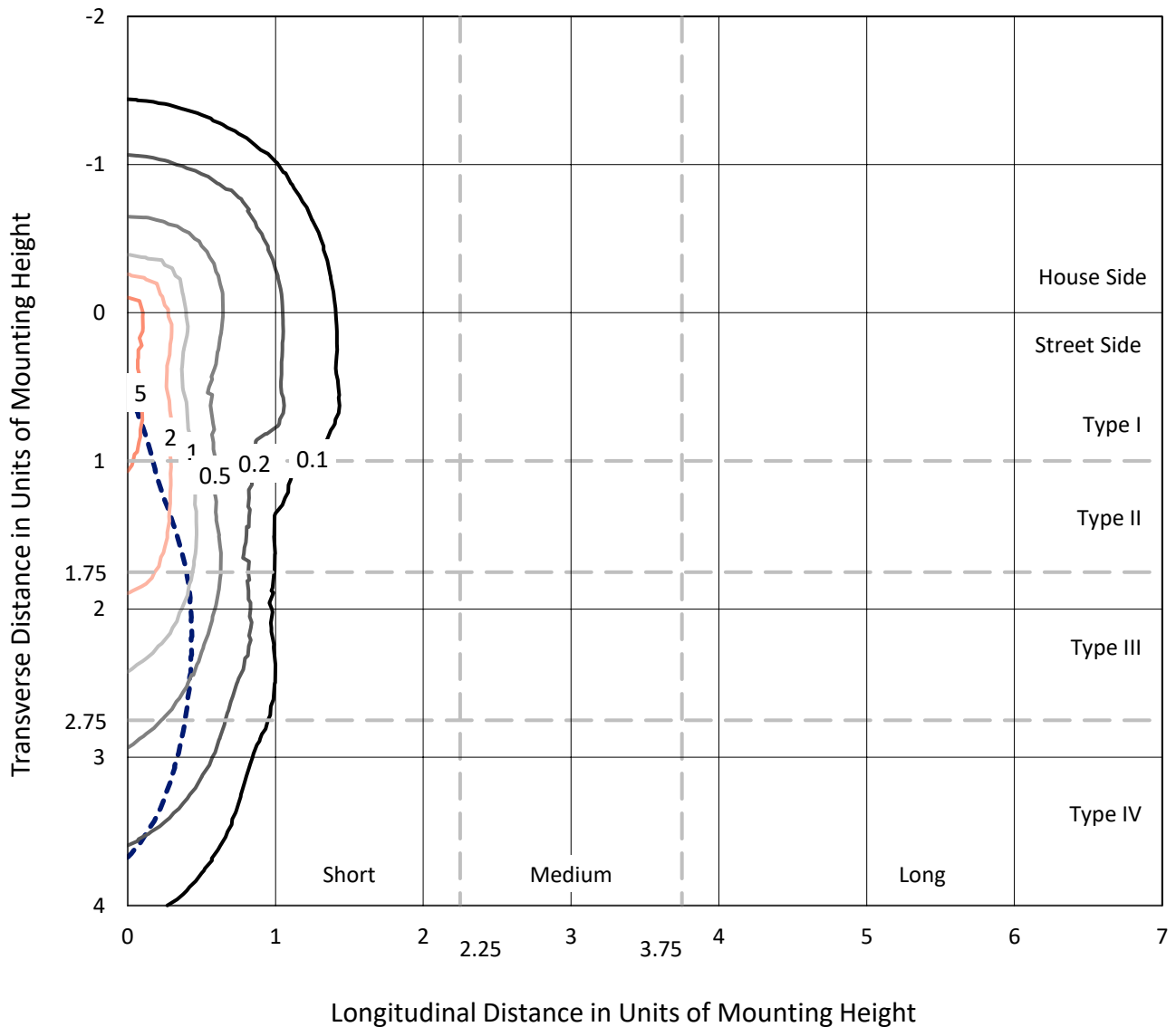




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Iso-Footcandle Lines of Horizontal Illumination

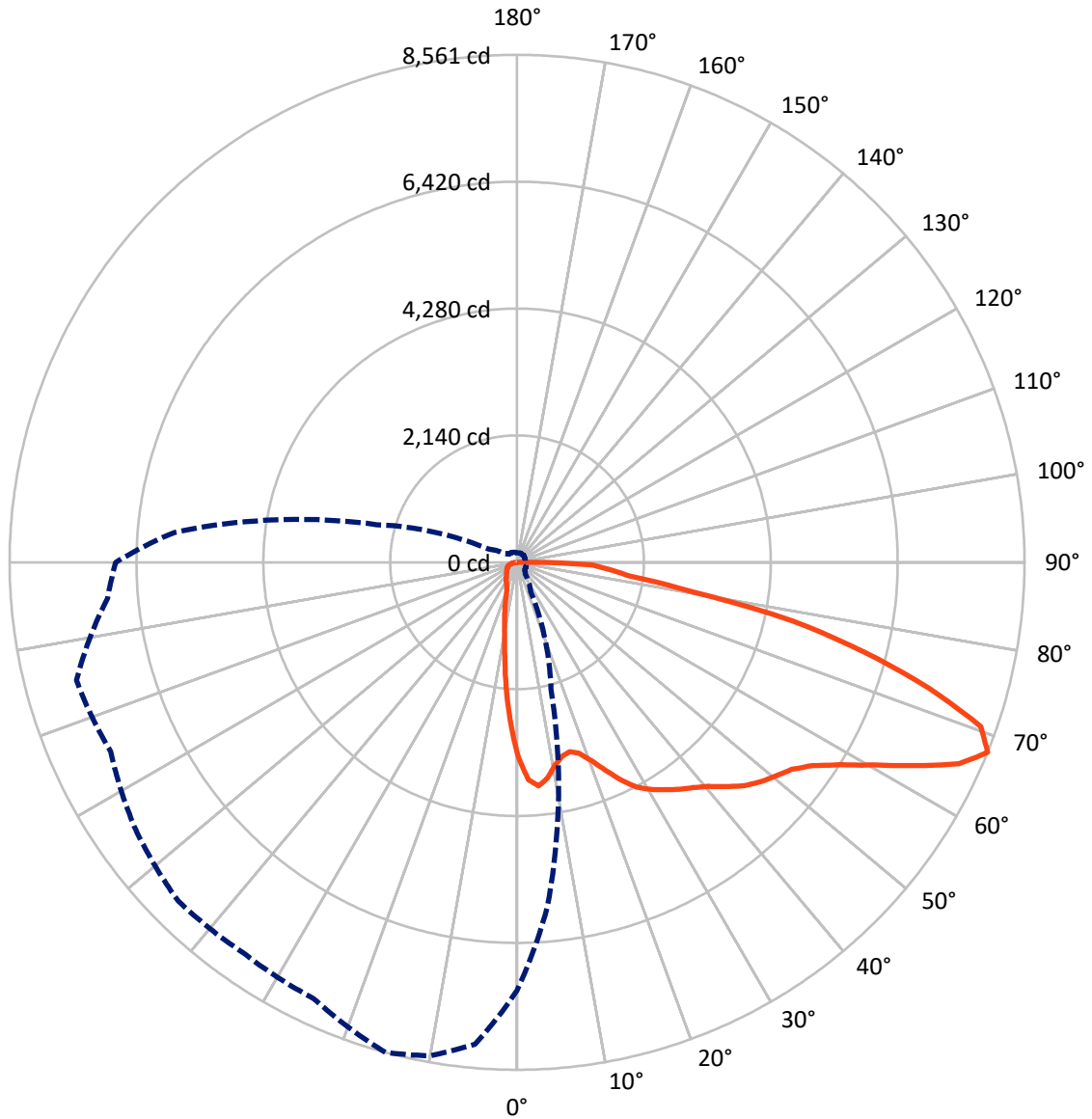
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8.3 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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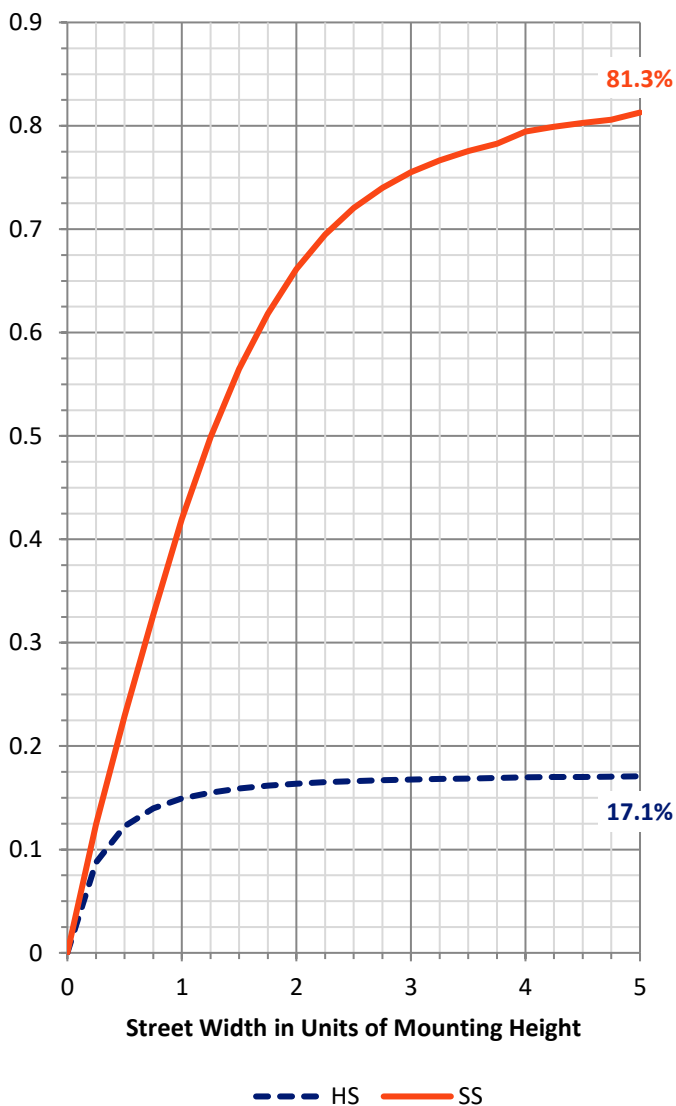
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1875.6	0.0	1875.6
	% Fixture	17.3	0.0	17.3
Street Side	Lumens	8973.4	0.0	8973.4
	% Fixture	82.7	0.0	82.7
Total	Lumens	10849.0	0.0	10849.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	255.1	2.4
10°-20°	529.9	4.9
20°-30°	753.7	6.9
30°-40°	1086.0	10.0
40°-50°	1530.5	14.1
50°-60°	2127.7	19.6
60°-70°	2573.0	23.7
70°-80°	1581.6	14.6
80°-90°	411.5	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°	10849.0	100.0
0°-180°	10849.0	100.0

Coefficient of Utilization

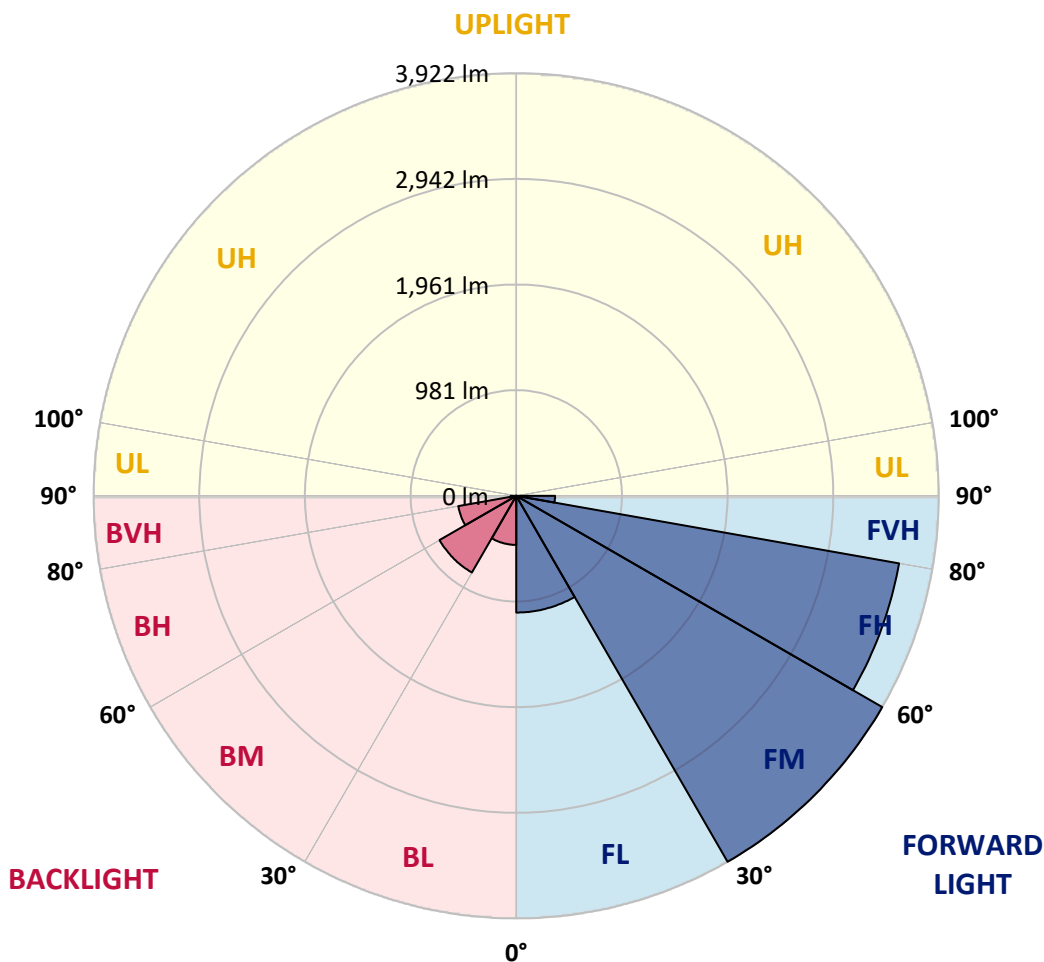


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1083.3	10.0			
FM (30°-60°)	3922.2	36.2			
FH (60°-80°)	3608.0	33.3			G2/5000
FVH (80°-90°)	359.9	3.3			G3/500
BL (0°-30°)	455.4	4.2	B1/500		
BM (30°-60°)	822.0	7.6	B1/1000		
BH (60°-80°)	546.6	5.0	B2/1000		G2/1000
BVH (80°-90°)	51.6	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°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	3540.8	3509.5	3462.2	3415.0	3379.8	3344.3	3303.9	3263.6	3217.6	3171.2	3143.9
5°	3482.2	3395.4	3282.7	3169.9	3095.3	3020.7	2936.1	2851.5	2767.8	2684.1	2639.0
7.5°	3218.5	3088.3	2941.7	2795.1	2686.7	2577.8	2460.7	2343.2	2239.1	2134.5	2069.9
10°	2959.1	2802.9	2634.6	2465.9	2327.1	2188.3	2070.8	1952.8	1874.3	1795.8	1736.3
12.5°	2773.0	2599.9	2414.7	2229.1	2090.3	1951.5	1876.9	1802.3	1737.2	1672.1	1603.6
15°	2699.3	2503.6	2314.1	2124.1	1997.9	1871.7	1788.8	1705.5	1618.3	1530.7	1446.6
17.5°	2764.3	2535.3	2329.3	2123.2	1958.0	1792.7	1676.9	1560.7	1445.7	1330.8	1233.2
20°	2967.3	2675.0	2405.6	2135.8	1915.9	1696.0	1540.7	1385.0	1237.5	1090.0	979.4
22.5°	3252.3	2865.4	2513.6	2161.8	1877.7	1593.2	1398.4	1203.2	1028.9	854.5	746.1
25°	3598.4	3117.8	2669.3	2220.4	1862.1	1503.4	1264.0	1024.5	840.6	656.3	579.1
27.5°	3963.2	3418.9	2862.8	2306.3	1864.7	1423.2	1150.8	877.9	712.2	546.5	493.6
30°	4267.3	3762.8	3088.3	2413.4	1874.7	1336.0	1044.1	752.1	615.5	478.9	444.6
32.5°	4545.3	4002.7	3258.4	2513.6	1886.0	1257.9	961.6	664.9	553.5	441.6	413.4
35°	4832.5	4215.7	3377.2	2538.3	1866.5	1194.1	905.2	616.4	513.6	410.3	386.5
37.5°	5148.7	4446.0	3491.7	2537.0	1833.5	1129.9	861.4	592.5	487.5	382.1	364.8
40°	5501.3	4700.6	3615.8	2531.0	1803.6	1075.7	828.9	581.7	473.2	364.4	349.6
42.5°	5846.2	4943.5	3731.2	2518.8	1779.3	1039.3	796.8	554.3	460.2	365.7	344.8
45°	6105.1	5155.6	3831.4	2506.7	1761.1	1015.4	771.7	527.9	448.1	368.3	341.8
47.5°	6301.6	5368.6	3942.4	2515.8	1759.3	1002.8	753.9	504.9	425.1	344.8	334.0
50°	6551.5	5624.5	4104.2	2583.9	1783.2	982.5	733.0	483.2	403.0	322.7	337.5
52.5°	6862.5	5989.7	4354.9	2719.7	1833.1	946.5	700.1	453.7	376.1	298.0	321.0
55°	7319.2	6457.8	4675.5	2892.7	1893.3	893.5	650.2	406.4	340.5	274.1	294.5
57.5°	7729.1	6930.6	4983.0	3035.0	1931.1	826.7	587.3	347.9	300.6	253.3	265.0
60°	7911.7	7174.3	5127.0	3079.2	1908.5	737.8	516.6	295.0	265.5	236.0	233.8
62.5°	7840.6	7019.5	4985.2	2950.8	1798.4	645.9	454.1	262.4	240.3	217.7	213.0
65°	7632.4	6532.8	4587.8	2642.9	1612.3	581.7	414.7	247.7	223.0	198.2	193.0
67.5°	7222.0	5840.1	4024.8	2209.6	1375.9	542.2	392.1	242.0	212.1	181.7	175.7
70°	6485.5	5006.4	3376.4	1745.9	1132.1	517.9	377.4	236.8	200.4	163.5	157.9
72.5°	5327.0	4014.0	2696.2	1378.0	946.5	514.9	375.6	236.4	190.9	145.3	140.1
75°	3814.0	3048.9	2058.2	1067.0	775.1	483.2	356.5	229.9	177.8	125.4	120.6
77.5°	2566.5	2110.2	1430.5	750.4	575.2	399.9	299.7	199.5	152.2	105.0	100.2
80°	1648.3	1460.5	958.6	456.7	373.0	289.3	214.3	139.2	111.0	82.4	78.5
82.5°	1209.3	1087.0	666.2	245.5	207.3	168.7	131.0	93.3	75.9	58.6	56.8
85°	768.6	847.6	490.6	133.6	109.3	85.0	70.3	55.5	43.8	32.1	32.1
87.5°	149.2	206.5	135.8	64.6	47.3	29.9	25.6	20.8	11.7	2.2	2.6
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



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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°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	3116.1	3086.2	3056.2	3022.4	2988.1	2956.5	2924.4	2889.3	2895.8	2868.9	2842.0
5°	2593.9	2546.1	2498.0	2456.4	2414.7	2378.7	2342.3	2309.8	2337.9	2318.9	2299.8
7.5°	2004.8	1945.8	1886.4	1836.5	1786.6	1748.0	1709.0	1682.1	1709.9	1706.4	1702.9
10°	1676.9	1619.6	1562.0	1506.9	1451.8	1404.9	1357.7	1317.8	1310.8	1290.9	1270.5
12.5°	1534.6	1456.1	1377.2	1319.5	1261.8	1205.8	1149.9	1103.0	1081.8	1048.8	1015.4
15°	1362.4	1269.6	1176.8	1111.3	1045.4	991.1	936.5	896.1	882.7	857.1	831.5
17.5°	1135.6	1034.1	932.6	866.2	799.4	756.0	712.2	685.3	685.3	678.0	670.6
20°	868.8	778.2	687.5	636.8	586.0	563.0	539.6	528.3	531.8	532.2	532.2
22.5°	637.2	581.7	526.1	505.8	484.9	476.7	468.5	463.7	465.4	465.9	466.3
25°	501.9	480.6	458.9	448.5	437.7	432.5	427.2	425.5	429.4	429.9	429.9
27.5°	440.7	427.7	414.2	407.7	400.8	398.6	396.5	393.4	397.3	397.3	396.9
30°	409.9	396.0	382.1	373.9	365.7	366.5	367.0	366.1	368.7	370.4	371.7
32.5°	384.7	371.3	357.8	349.6	340.9	339.6	338.3	337.5	343.1	346.1	349.2
35°	362.2	347.4	332.7	324.9	317.1	314.0	311.0	308.8	314.0	317.9	321.8
37.5°	347.0	331.8	316.2	308.8	301.0	297.1	293.2	290.6	292.8	294.5	296.3
40°	334.9	319.2	303.2	294.5	285.8	281.9	278.0	275.9	277.2	277.6	278.0
42.5°	323.6	308.4	293.2	283.7	273.7	268.9	264.2	261.6	262.4	263.3	263.7
45°	315.3	300.2	284.5	273.3	261.6	256.3	251.1	248.1	248.5	248.5	248.5
47.5°	323.1	301.0	278.5	265.5	252.0	245.9	239.9	236.8	236.0	235.1	234.2
50°	351.8	314.0	275.9	259.4	242.5	236.0	229.0	225.6	223.4	222.5	221.6
52.5°	343.5	311.0	278.0	256.8	235.1	227.3	219.5	213.8	211.7	210.4	209.1
55°	314.5	294.1	273.3	247.7	222.1	215.1	207.8	203.9	200.0	199.1	198.2
57.5°	276.3	268.1	259.8	233.8	207.8	201.3	194.3	191.7	188.3	188.3	187.8
60°	231.2	243.3	255.5	225.6	195.2	187.8	180.4	178.3	177.0	176.5	176.1
62.5°	207.8	227.7	247.2	215.6	183.5	175.7	167.9	165.3	164.8	165.3	165.3
65°	187.8	193.9	200.0	185.2	170.5	162.7	154.4	151.8	152.7	154.0	155.3
67.5°	169.6	168.3	167.0	161.8	156.2	149.6	142.7	140.1	140.5	142.3	144.0
70°	152.2	150.5	148.3	144.4	140.5	134.9	129.3	127.5	127.1	129.3	131.0
72.5°	134.9	132.7	130.1	127.1	123.6	118.8	114.1	112.8	113.2	114.5	115.8
75°	115.8	114.1	111.9	109.3	106.3	101.9	97.6	96.7	97.6	98.9	100.2
77.5°	95.0	94.6	93.7	91.5	89.4	84.6	79.4	78.9	80.2	81.5	82.4
80°	74.2	74.6	75.0	73.3	71.6	66.4	60.7	60.3	61.6	62.9	64.2
82.5°	54.7	56.0	56.8	54.7	52.5	46.4	40.3	39.5	43.8	45.1	46.4
85°	31.7	33.4	35.1	33.4	31.7	25.6	19.5	19.1	23.0	25.2	27.3
87.5°	2.6	3.5	4.3	3.9	3.5	1.7	0.0	0.0	0.4	2.2	3.9
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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 CATALOG NUMBER: GAW-SA2C-727-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: P386785

CATALOG NUMBER: GAW-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	2825.1	2808.1	2802.9	2797.7	2778.6	2759.1	2779.1	2798.6	2806.8	2815.1	2793.8
5°	2297.2	2294.1	2294.1	2293.7	2276.4	2258.6	2272.0	2285.0	2256.0	2226.9	2223.9
7.5°	1721.6	1740.2	1755.4	1770.2	1764.5	1758.9	1771.5	1784.0	1747.2	1709.9	1691.6
10°	1274.8	1278.7	1295.2	1311.7	1315.6	1319.1	1334.7	1349.8	1321.2	1292.6	1280.0
12.5°	994.6	973.8	976.0	977.7	985.5	992.9	1009.4	1025.4	1013.7	1001.5	1002.8
15°	805.5	779.0	768.2	756.9	765.6	774.3	786.0	797.2	797.7	797.7	809.0
17.5°	657.6	644.1	633.3	622.0	633.7	645.0	646.3	647.6	648.0	648.5	647.6
20°	538.7	545.2	541.8	538.3	542.6	546.5	550.0	553.0	549.1	544.8	534.0
22.5°	472.4	478.0	482.3	486.2	493.6	500.6	497.1	493.2	485.4	477.1	468.9
25°	433.8	437.7	442.0	446.3	452.4	458.0	452.0	445.9	440.3	434.6	429.0
27.5°	401.2	405.1	409.0	412.5	418.1	423.3	417.7	412.1	407.3	402.5	398.2
30°	374.8	377.4	380.4	383.4	388.6	393.4	388.6	383.4	380.0	376.1	373.0
32.5°	352.2	354.8	356.1	357.4	362.2	367.0	363.5	360.0	357.0	353.9	351.8
35°	327.5	332.7	333.6	334.4	339.2	344.0	341.8	339.2	335.7	332.3	328.4
37.5°	302.3	308.4	311.9	314.9	319.7	324.4	322.3	320.1	315.3	310.6	303.6
40°	281.1	283.7	290.2	296.3	304.1	311.4	307.1	302.3	295.0	287.6	284.1
42.5°	263.3	262.9	268.9	275.0	286.7	298.0	290.2	282.4	275.4	268.5	267.6
45°	247.7	246.4	249.4	252.4	265.0	277.2	269.4	261.1	257.2	253.3	253.3
47.5°	233.8	232.9	235.1	236.8	244.6	252.0	248.1	244.2	242.0	239.9	240.3
50°	221.2	220.3	222.5	224.3	227.3	229.9	230.8	231.2	229.9	228.6	229.5
52.5°	209.5	209.5	210.4	210.8	214.7	218.6	218.6	218.2	218.2	218.2	219.0
55°	199.5	200.4	200.4	200.4	206.5	212.1	210.4	208.6	209.1	209.1	209.9
57.5°	189.6	190.9	191.7	192.6	198.7	204.7	203.0	201.3	201.3	201.3	201.7
60°	178.3	180.0	181.7	183.5	189.6	195.6	193.9	191.7	192.2	192.6	193.0
62.5°	167.4	169.2	170.9	172.6	178.7	184.8	183.0	180.9	182.2	183.0	183.0
65°	157.0	158.3	160.1	161.8	167.4	173.1	171.3	169.6	171.3	172.6	173.5
67.5°	145.3	146.2	147.9	149.6	155.3	160.9	159.2	157.0	159.2	160.9	162.7
70°	131.9	132.7	134.9	136.6	142.3	147.9	145.7	143.6	145.7	147.9	149.6
72.5°	117.1	118.0	120.2	121.9	128.4	134.9	132.3	129.7	132.3	134.9	135.8
75°	101.1	101.9	104.5	106.7	113.2	119.7	117.5	114.9	117.1	119.3	119.7
77.5°	83.7	85.0	88.5	92.0	97.2	102.4	101.1	99.8	101.1	102.4	102.4
80°	65.5	66.8	71.1	75.0	78.1	81.1	81.5	82.0	82.4	82.8	82.4
82.5°	48.6	50.3	54.2	58.1	58.1	58.1	61.6	64.6	64.6	64.2	63.8
85°	29.9	32.1	35.6	39.0	36.9	34.7	40.3	45.5	45.5	45.1	44.2
87.5°	6.1	8.2	11.7	14.7	12.6	10.4	16.0	21.7	22.1	22.1	21.3
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: P386785
 CATALOG NUMBER: GAW-SA2C-727-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: P386785
 CATALOG NUMBER: GAW-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	2772.1	2806.0	2839.4	2848.0	2861.1	2866.7	2871.9	2914.4	2956.5	3005.9	3055.4
5°	2220.4	2245.6	2270.7	2274.6	2288.1	2295.0	2301.9	2353.6	2404.7	2473.7	2542.7
7.5°	1673.4	1679.5	1685.6	1684.7	1696.0	1711.2	1725.9	1781.0	1835.7	1909.8	1983.6
10°	1267.4	1281.3	1294.8	1307.3	1332.1	1360.7	1388.9	1445.3	1501.7	1575.0	1647.8
12.5°	1004.1	1020.2	1035.8	1049.7	1078.3	1116.5	1154.2	1221.9	1289.6	1377.2	1464.4
15°	819.8	818.5	817.2	826.7	851.9	893.5	934.7	1006.3	1077.9	1174.2	1270.0
17.5°	646.7	640.2	633.7	641.1	664.5	698.8	732.6	793.3	853.6	946.9	1040.1
20°	523.1	518.8	514.4	521.4	536.1	550.4	564.8	608.6	651.9	727.8	803.3
22.5°	460.2	459.8	458.9	462.8	469.8	477.1	484.1	505.3	526.1	575.2	623.7
25°	423.3	422.9	422.5	424.2	429.9	435.5	441.1	455.0	468.9	492.3	515.7
27.5°	393.9	393.0	392.1	392.5	393.9	402.5	410.8	417.3	423.3	439.4	455.0
30°	370.0	369.6	369.1	369.1	367.8	370.9	373.9	383.9	393.4	409.9	426.4
32.5°	349.6	347.4	345.3	340.5	337.5	341.8	346.1	356.5	367.0	382.1	397.3
35°	324.0	318.4	312.3	309.7	310.1	314.5	318.8	329.2	339.2	355.7	371.7
37.5°	296.3	294.5	292.4	291.9	293.2	297.6	301.9	311.0	319.7	336.2	352.2
40°	280.6	279.8	278.9	278.0	278.9	283.2	287.6	296.3	304.5	320.5	336.2
42.5°	266.8	266.3	265.9	265.9	266.3	271.1	275.9	284.5	292.8	307.1	321.4
45°	253.3	253.7	253.7	254.6	255.9	260.7	265.0	274.6	284.1	298.0	311.9
47.5°	240.7	242.0	242.9	245.1	246.4	251.6	256.3	266.8	277.2	294.5	311.4
50°	229.9	231.2	232.1	233.8	237.3	243.3	249.4	262.0	274.1	303.2	331.8
52.5°	219.9	221.2	222.5	224.3	228.6	235.5	242.5	258.1	273.3	307.1	340.9
55°	210.8	212.1	213.0	215.6	219.9	226.0	231.6	250.7	269.8	294.5	319.2
57.5°	202.1	203.4	204.3	206.0	208.2	214.7	220.8	241.2	261.6	278.9	295.8
60°	193.0	193.9	194.3	194.3	196.1	203.4	210.8	236.8	262.4	259.4	255.9
62.5°	183.0	183.9	184.3	183.0	185.2	193.0	200.8	234.7	268.5	247.7	226.9
65°	173.9	173.5	173.1	171.8	174.4	182.2	189.6	206.5	223.4	215.1	206.9
67.5°	164.0	162.7	161.4	159.6	162.2	169.2	175.7	181.3	186.9	187.8	188.7
70°	151.4	149.6	147.9	147.5	148.8	154.4	160.1	164.0	167.4	169.2	170.5
72.5°	136.6	135.3	134.0	133.2	133.6	138.4	142.7	146.2	149.6	150.9	151.8
75°	120.2	120.2	119.7	117.1	117.1	121.0	124.5	127.5	130.6	132.3	134.0
77.5°	102.4	102.8	102.8	99.3	98.9	102.8	106.3	108.9	111.0	112.8	114.1
80°	82.0	81.1	80.2	78.1	77.2	82.0	86.3	88.5	90.2	90.7	90.7
82.5°	62.9	61.2	59.0	54.2	54.7	59.9	64.6	66.4	68.1	68.1	68.1
85°	42.9	39.5	35.6	31.7	32.1	37.7	42.9	44.7	46.4	47.3	47.7
87.5°	20.4	16.9	13.0	10.0	10.0	14.7	19.1	20.0	20.8	22.6	24.3
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: P386785
 CATALOG NUMBER: GAW-SA2C-727-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: P386785

CATALOG NUMBER: GAW-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	3093.1	3130.4	3169.0	3207.6	3251.9	3296.1	3347.7	3398.9	3442.7	3486.5	3523.0
5°	2602.1	2661.5	2731.4	2801.2	2890.1	2979.0	3087.9	3196.4	3293.1	3389.8	3502.1
7.5°	2061.2	2138.4	2229.5	2320.6	2435.5	2550.5	2691.5	2832.4	2969.1	3105.3	3277.9
10°	1729.0	1810.1	1899.9	1989.2	2106.3	2223.0	2372.2	2521.0	2674.5	2827.7	3022.8
12.5°	1554.6	1644.4	1723.3	1802.3	1897.3	1991.8	2136.2	2280.7	2461.1	2641.1	2829.0
15°	1368.5	1466.5	1561.1	1655.6	1759.3	1862.5	2003.1	2143.6	2341.0	2538.3	2754.4
17.5°	1143.4	1246.6	1362.0	1476.9	1612.3	1747.2	1927.2	2107.2	2341.0	2574.3	2829.0
20°	908.7	1014.1	1152.1	1290.0	1458.3	1626.2	1859.5	2092.9	2407.8	2722.3	3047.1
22.5°	717.0	809.8	960.3	1110.4	1304.7	1499.1	1798.4	2097.2	2508.8	2920.0	3358.6
25°	581.2	646.7	794.6	942.1	1166.4	1390.6	1761.1	2131.0	2655.9	3180.3	3724.2
27.5°	498.0	540.9	678.8	816.3	1061.4	1306.0	1745.9	2185.3	2842.4	3499.5	4122.0
30°	456.3	486.2	602.9	719.2	968.1	1217.1	1727.7	2238.2	3022.0	3805.3	4433.0
32.5°	421.6	445.5	545.2	644.6	887.5	1130.4	1692.5	2254.2	3147.3	4040.4	4696.3
35°	392.1	412.1	498.8	585.6	824.1	1062.7	1633.5	2204.3	3225.8	4247.3	4970.4
37.5°	368.3	383.9	464.1	544.4	769.5	994.6	1566.3	2138.0	3295.7	4453.4	5278.8
40°	349.6	363.1	438.1	513.1	717.4	921.7	1508.6	2095.0	3392.0	4688.9	5604.6
42.5°	339.2	356.5	415.5	474.1	668.0	861.9	1462.2	2062.5	3481.3	4899.7	5889.5
45°	336.6	361.3	403.8	446.3	631.1	815.9	1421.0	2025.6	3539.0	5052.4	6104.3
47.5°	332.3	352.6	394.7	436.8	612.9	788.6	1398.9	2008.7	3596.7	5184.3	6282.5
50°	334.9	337.5	387.3	436.8	610.3	783.8	1424.0	2064.2	3721.6	5378.6	6486.4
52.5°	330.1	318.8	373.5	428.1	609.9	791.6	1496.5	2201.3	3953.7	5705.6	6707.2
55°	304.9	290.2	347.4	404.7	600.8	796.4	1582.8	2368.7	4265.1	6161.1	7104.1
57.5°	282.8	269.4	317.9	366.1	573.0	779.9	1671.7	2563.1	4594.3	6625.2	7551.3
60°	253.3	250.3	285.0	319.7	530.1	740.0	1745.0	2749.6	4815.6	6881.1	7723.5
62.5°	229.0	230.8	256.3	281.9	476.3	670.2	1769.3	2868.0	4809.5	6751.0	7550.0
65°	210.4	213.4	238.6	263.7	430.3	596.8	1689.5	2781.7	4566.2	6350.2	7206.9
67.5°	192.2	195.6	225.6	255.0	389.5	523.5	1490.0	2455.9	4128.5	5800.6	6770.5
70°	174.8	179.1	211.7	244.2	360.0	475.4	1232.7	1990.1	3580.7	5170.8	6265.2
72.5°	156.2	160.5	195.2	229.9	341.4	452.4	1005.0	1557.2	2905.7	4253.8	5359.1
75°	137.1	140.1	177.8	215.1	315.8	416.4	788.6	1160.3	2223.9	3287.4	4047.8
77.5°	118.0	121.9	153.5	184.8	268.1	350.9	594.2	837.6	1631.8	2425.6	2815.1
80°	94.1	97.6	120.2	142.3	206.9	271.1	408.6	546.1	1123.0	1699.9	1919.4
82.5°	72.0	75.9	91.1	105.8	147.5	189.1	247.7	306.2	746.1	1185.5	1203.7
85°	49.4	50.7	61.6	72.0	91.1	110.2	141.8	173.5	493.6	813.7	678.0
87.5°	24.7	24.7	32.1	39.5	49.0	58.6	75.0	91.1	157.9	224.7	129.3
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: P386785
 CATALOG NUMBER: GAW-SA2C-727-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: P386785

CATALOG NUMBER: GAW-SA2C-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	3569.4	3601.0	3633.1	3657.4	3682.2	3717.7	3753.3	3759.8	3766.7	3752.9	3739.0
5°	3615.4	3711.2	3807.5	3896.4	3985.4	4038.7	4092.1	4102.9	4113.7	4080.3	4046.5
7.5°	3444.9	3611.9	3778.9	3932.0	4085.1	4177.9	4271.2	4292.0	4313.3	4258.6	4204.0
10°	3217.2	3422.3	3627.5	3829.2	4030.9	4165.8	4300.7	4327.6	4354.5	4286.4	4218.3
12.5°	3041.1	3260.1	3479.2	3691.7	3904.7	4044.3	4184.0	4217.4	4250.8	4201.4	4151.5
15°	2986.8	3192.9	3398.9	3584.1	3769.8	3883.9	3998.4	4011.8	4025.7	4017.9	4010.1
17.5°	3085.3	3271.4	3457.9	3558.5	3659.6	3705.1	3751.1	3765.9	3781.1	3800.6	3820.5
20°	3323.9	3454.9	3586.3	3582.0	3577.2	3555.1	3532.5	3528.6	3524.7	3580.7	3637.0
22.5°	3680.0	3732.0	3784.5	3662.6	3540.8	3466.6	3392.0	3377.2	3362.0	3421.5	3481.3
25°	4066.5	4056.9	4046.9	3814.9	3582.4	3441.0	3299.6	3283.1	3266.6	3317.4	3368.6
27.5°	4449.0	4386.6	4324.1	4008.8	3693.4	3488.3	3283.1	3266.6	3250.1	3295.2	3340.4
30°	4729.7	4629.5	4529.3	4172.3	3815.3	3571.5	3327.8	3300.9	3273.6	3329.1	3384.6
32.5°	4948.7	4814.3	4679.8	4305.0	3930.3	3666.5	3402.8	3360.7	3318.7	3392.8	3467.0
35°	5167.3	4978.2	4788.7	4423.4	4057.8	3778.9	3499.5	3447.9	3396.3	3498.2	3600.2
37.5°	5442.3	5170.8	4898.8	4556.6	4214.4	3947.2	3679.6	3626.6	3573.7	3703.4	3833.5
40°	5740.8	5378.6	5016.4	4702.4	4388.3	4180.1	3971.5	3921.2	3870.4	4028.3	4186.2
42.5°	5988.9	5572.0	5155.2	4878.0	4600.4	4453.8	4306.8	4306.3	4305.5	4465.5	4625.6
45°	6190.6	5733.4	5275.8	5049.4	4822.5	4746.2	4669.8	4731.0	4792.1	4936.6	5081.5
47.5°	6341.1	5868.7	5395.9	5245.4	5094.9	5106.2	5117.5	5241.9	5366.4	5459.3	5552.5
50°	6439.1	5991.5	5543.4	5497.0	5450.6	5551.6	5653.1	5795.9	5939.0	6002.3	6065.6
52.5°	6581.8	6158.0	5733.8	5785.9	5837.9	6044.4	6250.9	6395.3	6539.7	6563.2	6587.0
55°	6911.9	6464.3	6016.2	6116.0	6216.2	6518.9	6822.1	6934.9	7047.7	7056.3	7065.0
57.5°	7380.8	6893.3	6405.7	6513.3	6620.9	6970.5	7320.5	7442.0	7563.8	7546.9	7529.6
60°	7731.7	7300.6	6869.0	6977.4	7085.8	7426.8	7767.7	7907.4	8047.5	8010.2	7972.9
62.5°	7753.4	7523.1	7292.3	7390.3	7488.8	7822.8	8156.8	8300.4	8443.9	8378.9	8313.8
65°	7408.6	7511.8	7615.0	7647.6	7680.1	7991.5	8303.4	8413.1	8523.3	8490.3	8457.4
67.5°	6933.6	7314.0	7694.8	7629.3	7563.8	7710.0	7856.2	7969.4	8082.6	8064.0	8044.9
70°	6459.5	6967.4	7475.4	7153.5	6831.2	6770.9	6710.6	6832.5	6954.8	6879.4	6803.5
72.5°	5652.3	6193.6	6735.4	6142.4	5549.5	5343.4	5137.4	5292.3	5447.1	5327.0	5206.4
75°	4436.9	5035.0	5633.6	4926.2	4218.7	3943.7	3668.7	3801.9	3935.0	3852.6	3769.8
77.5°	3303.1	3892.5	4482.0	3762.8	3043.2	2838.9	2634.2	2673.7	2713.6	2699.7	2685.4
80°	2240.4	2651.1	3062.3	2583.5	2104.6	2120.2	2136.2	2117.6	2098.5	2126.3	2154.0
82.5°	1429.7	1746.7	2064.2	1810.1	1555.9	1701.6	1847.4	1775.8	1703.8	1730.3	1757.1
85°	815.9	1126.0	1436.6	1339.0	1241.0	1326.0	1411.4	1300.4	1189.4	1237.9	1287.0
87.5°	215.1	622.9	1031.0	936.0	841.1	730.9	620.7	473.7	326.6	477.1	627.6
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: P386785
 CATALOG NUMBER: GAW-SA2C-727-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°	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2	3305.2
2.5°	3731.6	3724.2	3697.8	3670.9	3631.0	3598.0	3540.8
5°	3999.7	3952.8	3872.1	3791.0	3700.8	3597.1	3482.2
7.5°	4094.7	3984.9	3830.1	3674.8	3535.1	3371.2	3218.5
10°	4054.3	3889.9	3688.7	3487.0	3317.4	3128.7	2959.1
12.5°	3977.1	3802.3	3580.7	3358.6	3165.6	2963.0	2773.0
15°	3870.8	3731.2	3523.4	3315.6	3121.3	2924.4	2699.3
17.5°	3754.6	3688.2	3538.2	3387.6	3219.3	3028.5	2764.3
20°	3660.9	3685.2	3625.3	3565.5	3430.6	3264.0	2967.3
22.5°	3597.6	3714.3	3760.2	3806.6	3725.5	3595.4	3252.3
25°	3562.0	3755.5	3909.4	4063.9	4027.9	3927.7	3598.4
27.5°	3577.6	3814.9	4053.9	4293.3	4326.7	4299.0	3963.2
30°	3624.5	3864.8	4155.8	4447.3	4580.5	4617.8	4267.3
32.5°	3702.5	3938.1	4255.1	4572.7	4773.9	4892.8	4545.3
35°	3820.5	4040.9	4371.4	4701.9	4962.2	5179.1	4832.5
37.5°	4023.1	4212.6	4517.6	4822.9	5160.4	5486.1	5148.7
40°	4319.8	4453.8	4711.5	4969.5	5394.2	5834.0	5501.3
42.5°	4694.1	4763.1	4967.4	5171.7	5638.4	6149.8	5846.2
45°	5099.7	5117.9	5246.3	5375.1	5831.9	6364.9	6105.1
47.5°	5490.1	5427.6	5478.8	5530.0	5980.2	6518.5	6301.6
50°	5891.7	5717.8	5690.9	5664.0	6128.5	6699.4	6551.5
52.5°	6300.3	6013.6	5907.3	5800.6	6305.5	6939.2	6862.5
55°	6700.2	6335.4	6192.3	6049.2	6576.2	7232.0	7319.2
57.5°	7116.2	6702.8	6570.1	6437.4	6973.9	7602.9	7729.1
60°	7563.8	7154.4	7048.1	6941.4	7468.4	8003.7	7911.7
62.5°	7988.5	7663.2	7607.2	7550.8	7968.5	8311.6	7840.6
65°	8272.2	8086.5	8138.6	8191.1	8346.8	8388.4	7632.4
67.5°	8082.6	8120.4	8340.3	8560.6	8453.5	8160.3	7222.0
70°	7029.5	7255.9	7776.8	8298.2	8060.5	7549.1	6485.5
72.5°	5460.6	5715.2	6488.6	7262.4	7043.3	6417.0	5327.0
75°	4056.9	4344.5	5198.1	6051.8	5747.7	4799.9	3814.0
77.5°	2878.0	3070.6	3913.3	4756.6	4260.8	3195.0	2566.5
80°	2095.0	2036.1	2505.8	2975.6	2893.2	2113.3	1648.3
82.5°	1613.1	1469.1	1690.3	1911.6	1899.4	1466.5	1209.3
85°	1229.3	1171.6	1367.2	1562.8	1395.4	993.3	768.6
87.5°	716.6	805.9	1036.2	1267.0	950.8	301.5	149.2
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)