

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: P386111

Luminaire Tested: GAW-SA1D-727-U-SLL

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-2019  
Report Number: P386111  
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-SA1D-727-U-SLL  
Description: GALLEON WALL LUMINAIRE  
(1) 70 CRI, 2700K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6090 lumens  
Efficiency: N/A  
Efficacy: 90.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U0 - G2

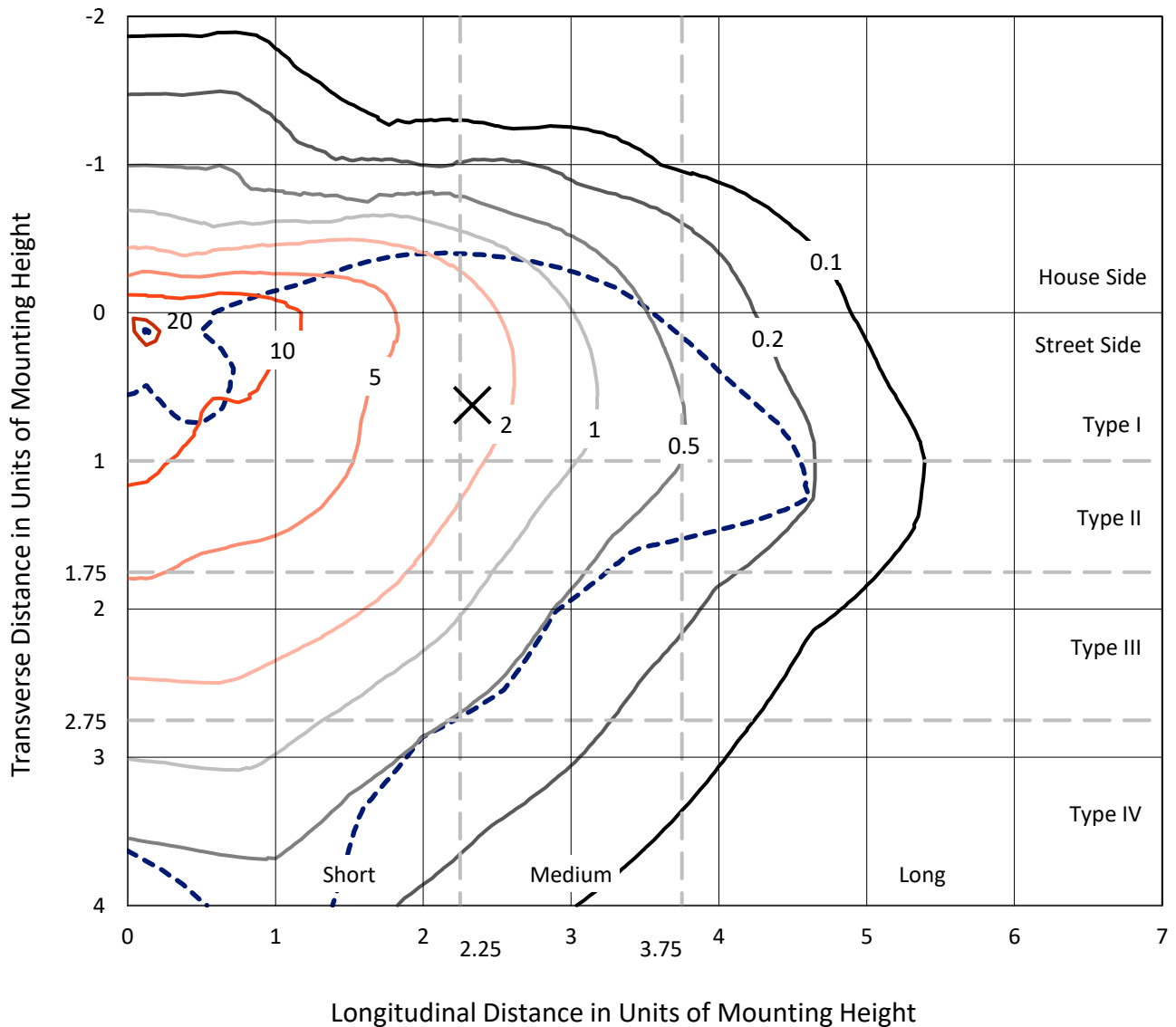
Input Watts (W): 67  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

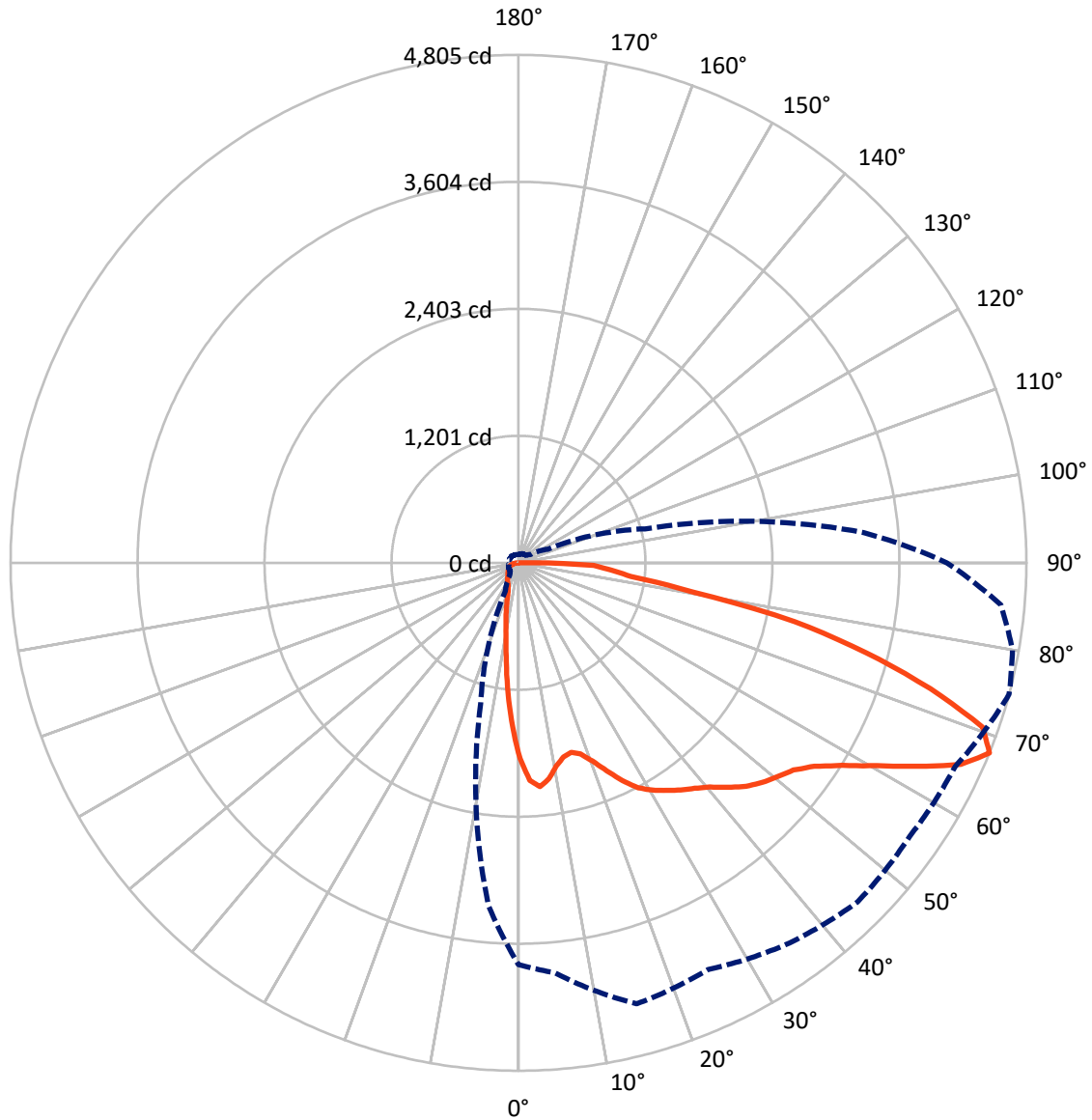
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 23.3 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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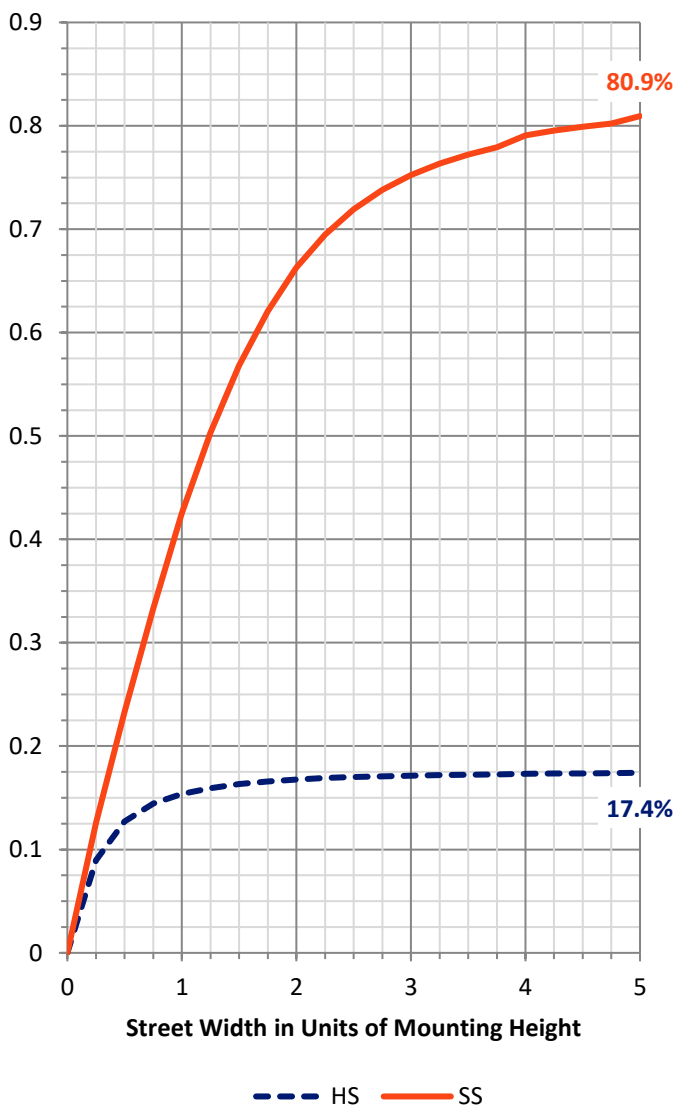
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1072.6	0.0	1072.6
	% Fixture	17.6	0.0	17.6
<b>Street Side</b>	Lumens	5017.4	0.0	5017.4
	% Fixture	82.4	0.0	82.4
<b>Total</b>	Lumens	6090.0	0.0	6090.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	143.2	2.4
10°-20°	297.5	4.9
20°-30°	423.1	6.9
30°-40°	609.6	10.0
40°-50°	859.1	14.1
50°-60°	1194.4	19.6
60°-70°	1444.3	23.7
70°-80°	887.8	14.6
80°-90°	231.0	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6090.0	100.0
0°-180°	6090.0	100.0

**Coefficient of Utilization**

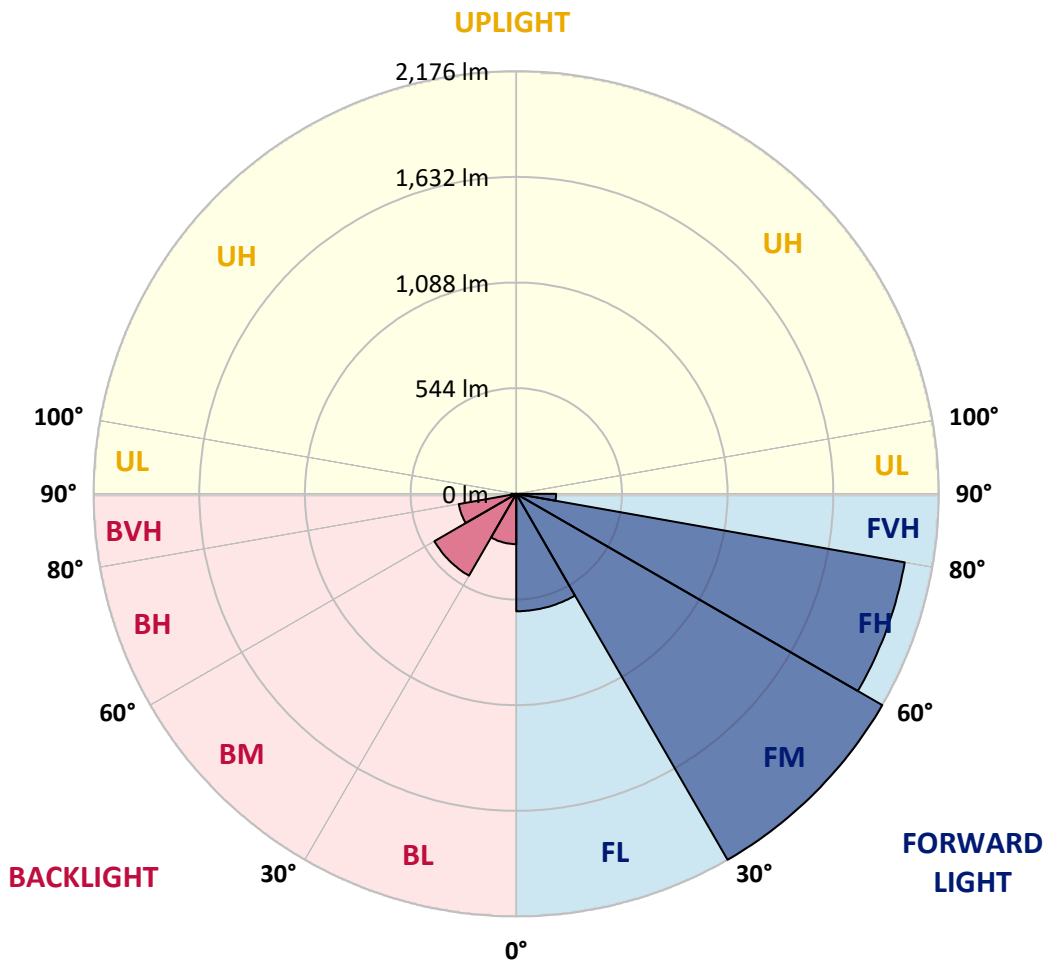


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	604.7	9.9			
FM (30°-60°)	2176.2	35.7			
FH (60°-80°)	2031.4	33.4			G2/5000
FVH (80°-90°)	205.1	3.4			G2/225
BL (0°-30°)	259.0	4.3	B1/500		
BM (30°-60°)	486.9	8.0	B1/1000		
BH (60°-80°)	300.7	4.9	B1/500		G1/500
BVH (80°-90°)	26.0	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**  
 Type III Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3
2.5°	1977.6	2003.6	2021.6	2039.4	2053.3	2066.9	2086.9	2106.9	2110.8	2114.4	2106.6
5°	1965.9	2029.4	2083.5	2137.3	2187.2	2237.1	2267.1	2297.0	2303.1	2309.2	2290.5
7.5°	1840.0	1933.7	2027.5	2121.2	2207.2	2293.1	2345.5	2397.6	2409.5	2421.2	2390.5
10°	1696.8	1805.9	1921.1	2036.3	2149.5	2262.7	2338.4	2414.1	2429.2	2444.3	2406.1
12.5°	1588.0	1707.1	1830.0	1953.0	2072.5	2191.8	2270.2	2348.6	2367.4	2386.1	2358.4
15°	1546.1	1676.6	1792.3	1907.9	2012.2	2116.1	2180.4	2244.4	2252.2	2259.8	2255.4
17.5°	1588.0	1731.9	1836.6	1941.1	1997.8	2054.3	2080.1	2105.6	2114.2	2122.4	2133.6
20°	1710.5	1865.8	1939.6	2013.1	2010.7	2008.0	1995.6	1982.9	1980.7	1978.5	2010.2
22.5°	1885.3	2065.7	2095.2	2124.4	2056.0	1987.6	1945.9	1904.0	1895.8	1887.2	1920.8
25°	2090.6	2282.7	2277.3	2271.7	2141.4	2010.9	1931.6	1852.2	1842.9	1833.7	1862.4
27.5°	2313.8	2497.4	2462.4	2427.3	2250.3	2073.3	1958.1	1842.9	1833.7	1824.4	1849.7
30°	2488.4	2654.9	2598.7	2542.5	2342.1	2141.7	2004.8	1868.0	1852.9	1837.6	1868.7
32.5°	2636.2	2777.9	2702.4	2626.9	2416.6	2206.2	2058.2	1910.1	1886.5	1862.9	1904.5
35°	2790.1	2900.6	2794.5	2688.1	2483.0	2277.8	2121.2	1964.4	1935.5	1906.5	1963.7
37.5°	2963.2	3055.0	2902.6	2749.9	2557.8	2365.7	2215.7	2065.5	2035.8	2006.1	2079.1
40°	3146.1	3222.5	3019.2	2815.9	2639.6	2463.3	2346.5	2229.3	2201.1	2172.6	2261.2
42.5°	3306.0	3361.8	3127.8	2893.8	2738.2	2582.4	2500.1	2417.6	2417.3	2416.8	2506.7
45°	3426.5	3475.0	3218.4	2961.5	2834.4	2707.1	2664.2	2621.3	2655.7	2690.0	2771.3
47.5°	3526.6	3559.5	3294.3	3028.9	2944.5	2860.0	2866.3	2872.6	2942.5	3012.4	3064.7
50°	3641.1	3614.5	3363.2	3111.7	3085.7	3059.6	3116.6	3173.3	3253.7	3333.8	3369.3
52.5°	3765.0	3694.6	3456.7	3218.6	3247.8	3277.0	3392.9	3508.8	3589.9	3671.0	3684.4
55°	3987.8	3879.9	3628.6	3377.1	3433.4	3489.4	3659.6	3829.5	3892.8	3956.1	3961.0
57.5°	4238.8	4143.1	3869.4	3595.8	3656.2	3716.5	3913.0	4109.3	4177.7	4245.9	4236.4
60°	4335.5	4340.1	4098.1	3855.8	3916.7	3977.6	4168.9	4360.3	4439.0	4517.4	4496.4
62.5°	4238.1	4352.3	4223.0	4093.5	4148.7	4203.7	4391.2	4578.7	4659.3	4739.9	4703.4
65°	4045.5	4158.7	4216.7	4274.6	4292.9	4311.1	4486.2	4661.0	4722.9	4784.5	4766.0
67.5°	3800.5	3892.1	4105.9	4319.4	4282.6	4245.9	4327.9	4410.0	4473.5	4537.1	4526.6
70°	3516.9	3626.0	3911.1	4196.2	4015.5	3834.6	3800.8	3766.9	3835.6	3904.0	3861.7
72.5°	3008.2	3172.8	3476.9	3780.8	3448.0	3115.1	2999.5	2883.8	2970.7	3057.7	2990.2
75°	2272.2	2490.6	2826.6	3162.4	2765.2	2368.1	2213.8	2059.4	2134.1	2208.9	2162.6
77.5°	1580.2	1854.1	2185.0	2515.9	2112.2	1708.3	1593.6	1478.7	1501.1	1523.2	1515.4
80°	1077.4	1257.6	1488.4	1719.0	1450.2	1181.4	1190.4	1199.2	1188.7	1178.0	1193.6
82.5°	675.7	802.5	980.8	1158.7	1016.1	873.4	955.2	1037.0	996.8	956.4	971.5
85°	380.6	458.0	632.3	806.4	751.6	696.6	744.6	792.3	730.0	667.6	695.1
87.5°	72.6	120.8	349.9	578.8	525.4	472.1	410.3	348.4	265.9	183.3	267.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

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





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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3
2.5°	2098.8	2094.7	2090.6	2075.7	2060.6	2038.2	2019.7	1987.6	1970.0	1943.5	1916.9
5°	2271.5	2245.2	2218.9	2173.6	2128.0	2077.4	2019.2	1954.7	1906.0	1842.7	1779.4
7.5°	2359.8	2298.5	2236.9	2150.0	2062.8	1984.4	1892.4	1806.7	1733.6	1651.3	1569.0
10°	2367.9	2275.8	2183.6	2070.6	1957.4	1862.2	1756.2	1661.0	1573.4	1478.9	1384.2
12.5°	2330.4	2232.5	2134.4	2010.0	1885.3	1777.2	1663.2	1556.6	1459.4	1355.5	1251.3
15°	2251.0	2172.8	2094.4	1977.8	1861.2	1752.1	1641.6	1515.2	1405.4	1299.0	1192.3
17.5°	2144.6	2107.6	2070.3	1986.1	1901.6	1807.1	1700.0	1551.7	1423.2	1307.5	1191.9
20°	2041.6	2055.2	2068.6	2035.0	2001.4	1925.7	1832.2	1665.7	1501.6	1350.4	1198.9
22.5°	1954.2	2019.7	2085.0	2111.0	2136.8	2091.3	2018.2	1825.6	1608.5	1411.0	1213.5
25°	1890.9	1999.5	2108.1	2194.8	2281.2	2261.0	2204.7	2019.9	1750.2	1498.4	1246.4
27.5°	1875.1	2008.3	2141.4	2275.8	2410.0	2428.8	2413.2	2224.7	1919.1	1607.0	1294.6
30°	1899.9	2034.8	2169.4	2333.1	2496.4	2571.2	2592.1	2395.4	2112.2	1733.6	1354.7
32.5°	1946.2	2078.4	2210.6	2388.8	2566.8	2679.8	2746.5	2551.5	2246.9	1829.1	1411.0
35°	2020.9	2144.6	2268.3	2453.8	2639.4	2785.5	2907.2	2712.7	2366.4	1895.8	1424.9
37.5°	2151.9	2258.3	2364.7	2536.1	2707.3	2896.7	3079.6	2890.2	2495.7	1960.0	1424.1
40°	2349.9	2425.1	2500.1	2645.0	2789.6	3028.0	3274.9	3088.1	2638.6	2029.7	1420.7
42.5°	2596.5	2635.2	2673.7	2788.4	2903.1	3165.0	3452.1	3281.7	2775.0	2094.4	1413.9
45°	2852.4	2862.6	2872.9	2945.2	3017.3	3273.6	3572.9	3427.0	2894.0	2150.7	1407.1
47.5°	3116.8	3081.8	3046.7	3075.4	3104.2	3356.9	3659.1	3537.3	3013.6	2213.0	1412.2
50°	3404.9	3307.2	3209.6	3194.5	3179.4	3440.2	3760.6	3677.6	3157.3	2303.8	1450.4
52.5°	3697.5	3536.6	3375.7	3316.0	3256.1	3539.5	3895.3	3852.2	3362.3	2444.6	1526.6
55°	3965.9	3761.1	3556.3	3476.0	3395.6	3691.5	4059.6	4108.5	3625.0	2624.5	1623.8
57.5°	4226.6	3994.6	3762.6	3688.1	3613.5	3914.7	4267.8	4338.6	3890.4	2797.1	1703.7
60°	4475.5	4245.9	4016.0	3956.4	3896.5	4192.3	4492.8	4441.1	4027.2	2878.0	1728.5
62.5°	4666.9	4484.2	4301.6	4270.2	4238.6	4473.0	4665.6	4401.2	3940.3	2798.4	1656.4
65°	4747.4	4643.5	4539.3	4568.7	4597.9	4685.4	4708.7	4284.3	3667.1	2575.3	1483.5
67.5°	4515.9	4537.1	4558.3	4682.0	4805.4	4745.3	4580.7	4054.0	3278.3	2259.3	1240.3
70°	3819.0	3946.1	4073.0	4365.7	4658.1	4524.7	4237.6	3640.6	2810.3	1895.3	980.0
72.5°	2922.5	3065.5	3208.1	3642.5	4076.7	3953.7	3602.1	2990.2	2253.2	1513.5	773.5
75°	2116.1	2277.5	2438.7	2917.9	3397.1	3226.4	2694.4	2141.0	1711.4	1155.3	599.0
77.5°	1507.4	1615.5	1723.6	2197.0	2670.0	2392.0	1793.5	1440.7	1184.5	803.0	421.2
80°	1209.1	1176.0	1142.9	1406.6	1670.3	1624.0	1186.3	925.2	819.8	538.1	256.4
82.5°	986.4	905.5	824.7	948.9	1073.0	1066.2	823.2	678.8	610.2	374.0	137.8
85°	722.4	690.0	657.6	767.5	877.3	783.5	557.6	431.5	475.8	275.4	75.0
87.5°	352.3	402.5	452.4	581.9	711.2	534.0	169.2	83.8	115.9	76.2	36.3
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: P386111  
 CATALOG NUMBER: GAW-SA1D-727-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: P386111  
 CATALOG NUMBER: GAW-SA1D-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3
2.5°	1897.2	1877.3	1854.6	1832.0	1806.2	1780.1	1764.8	1749.2	1732.4	1715.6	1696.6
5°	1737.5	1695.6	1648.1	1600.7	1553.7	1506.7	1481.4	1456.0	1429.3	1402.2	1378.8
7.5°	1508.1	1447.0	1381.3	1315.3	1256.9	1198.2	1161.9	1125.4	1092.3	1058.9	1030.9
10°	1306.3	1228.4	1162.4	1096.2	1052.1	1008.0	974.7	941.3	909.2	876.8	845.9
12.5°	1173.3	1095.4	1053.6	1011.7	975.2	938.6	900.2	861.4	817.4	773.1	740.7
15°	1121.5	1050.6	1004.1	957.4	908.4	859.3	812.0	764.8	712.7	660.6	623.8
17.5°	1099.1	1006.3	941.3	876.1	811.5	747.0	692.2	637.4	580.5	523.5	486.2
20°	1075.5	952.0	864.9	777.4	694.7	611.9	549.8	487.7	436.8	385.9	357.4
22.5°	1054.0	894.3	785.0	675.4	577.5	479.7	418.8	357.7	326.5	295.3	283.9
25°	1045.3	843.9	709.5	575.1	471.9	368.4	325.1	281.7	269.8	257.6	251.8
27.5°	1046.7	798.9	646.0	492.8	399.8	306.8	277.1	247.4	240.1	232.5	228.9
30°	1052.3	749.9	586.1	422.2	345.5	268.8	249.6	230.1	222.3	214.5	209.9
32.5°	1058.7	706.1	539.8	373.3	310.7	247.9	232.0	216.0	208.4	200.9	196.2
35°	1047.7	670.3	508.2	346.0	288.3	230.3	216.9	203.3	195.0	186.8	182.4
37.5°	1029.2	634.3	483.6	332.6	273.7	214.5	204.8	194.8	186.3	177.5	173.4
40°	1012.4	603.8	465.3	326.5	265.6	204.5	196.2	188.0	179.2	170.2	165.3
42.5°	998.8	583.4	447.3	311.2	258.3	205.3	193.6	181.6	173.1	164.6	159.2
45°	988.5	570.0	433.2	296.3	251.5	206.7	191.9	177.0	168.5	159.7	153.4
47.5°	987.6	562.9	423.2	283.4	238.6	193.6	187.5	181.4	169.0	156.3	149.0
50°	1001.0	551.5	411.5	271.2	226.2	181.2	189.4	197.5	176.3	154.9	145.6
52.5°	1029.0	531.3	393.0	254.7	211.1	167.3	180.2	192.8	174.6	156.1	144.1
55°	1062.8	501.6	365.0	228.1	191.1	153.9	165.3	176.5	165.1	153.4	139.0
57.5°	1084.0	464.1	329.7	195.3	168.7	142.2	148.8	155.1	150.5	145.8	131.2
60°	1071.3	414.2	290.0	165.6	149.0	132.5	131.2	129.8	136.6	143.4	126.6
62.5°	1009.5	362.5	254.9	147.3	134.9	122.2	119.6	116.6	127.8	138.8	121.0
65°	905.0	326.5	232.8	139.0	125.2	111.3	108.4	105.4	108.8	112.2	104.0
67.5°	772.3	304.4	220.1	135.9	119.1	102.0	98.6	95.2	94.5	93.7	90.8
70°	635.5	290.7	211.8	132.9	112.5	91.8	88.6	85.5	84.5	83.3	81.1
72.5°	531.3	289.0	210.9	132.7	107.1	81.6	78.6	75.7	74.5	73.0	71.3
75°	435.1	271.2	200.1	129.0	99.8	70.4	67.7	65.0	64.0	62.8	61.4
77.5°	322.9	224.5	168.2	112.0	85.5	58.9	56.2	53.3	53.1	52.6	51.4
80°	209.4	162.4	120.3	78.2	62.3	46.3	44.1	41.6	41.9	42.1	41.1
82.5°	116.4	94.7	73.5	52.3	42.6	32.9	31.9	30.7	31.4	31.9	30.7
85°	61.4	47.7	39.4	31.2	24.6	18.0	18.0	17.8	18.7	19.7	18.7
87.5°	26.5	16.8	14.4	11.7	6.6	1.2	1.5	1.5	1.9	2.4	2.2
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



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**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: P386111  
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**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3
2.5°	1677.4	1659.6	1641.6	1621.8	1625.5	1610.4	1595.3	1585.8	1576.3	1573.4	1570.5
5°	1355.5	1335.3	1314.8	1296.6	1312.4	1301.7	1291.0	1289.5	1287.8	1287.8	1287.5
7.5°	1002.9	981.2	959.3	944.2	959.8	957.9	955.9	966.4	976.9	985.4	993.7
10°	814.9	788.6	762.1	739.7	735.8	724.6	713.2	715.6	717.8	727.0	736.3
12.5°	708.3	676.9	645.5	619.2	607.2	588.7	570.0	558.3	546.6	547.8	548.8
15°	586.8	556.4	525.7	503.0	495.5	481.1	466.8	452.1	437.3	431.2	424.9
17.5°	448.7	424.4	399.8	384.7	384.7	380.6	376.4	369.1	361.6	355.5	349.2
20°	328.9	316.0	302.9	296.6	298.5	298.8	298.8	302.4	306.1	304.1	302.2
22.5°	272.2	267.6	263.0	260.3	261.3	261.5	261.7	265.2	268.3	270.8	272.9
25°	245.7	242.8	239.8	238.9	241.0	241.3	241.3	243.5	245.7	248.1	250.5
27.5°	225.0	223.8	222.5	220.8	223.0	223.0	222.8	225.2	227.4	229.6	231.6
30°	205.3	205.7	206.0	205.5	207.0	207.9	208.7	210.4	211.8	213.5	215.2
32.5°	191.4	190.6	189.9	189.4	192.6	194.3	196.0	197.7	199.2	199.9	200.6
35°	178.0	176.3	174.6	173.4	176.3	178.5	180.7	183.8	186.8	187.2	187.7
37.5°	169.0	166.8	164.6	163.1	164.4	165.3	166.3	169.7	173.1	175.1	176.8
40°	160.5	158.3	156.1	154.9	155.6	155.8	156.1	157.8	159.2	162.9	166.3
42.5°	153.6	151.0	148.3	146.8	147.3	147.8	148.0	147.8	147.6	151.0	154.4
45°	146.8	143.9	141.0	139.3	139.5	139.5	139.5	139.0	138.3	140.0	141.7
47.5°	141.5	138.1	134.6	132.9	132.5	132.0	131.5	131.2	130.8	132.0	132.9
50°	136.1	132.5	128.6	126.6	125.4	124.9	124.4	124.2	123.7	124.9	125.9
52.5°	132.0	127.6	123.2	120.0	118.8	118.1	117.4	117.6	117.6	118.1	118.3
55°	124.7	120.8	116.6	114.4	112.2	111.8	111.3	112.0	112.5	112.5	112.5
57.5°	116.6	113.0	109.1	107.6	105.7	105.7	105.4	106.4	107.1	107.6	108.1
60°	109.6	105.4	101.3	100.1	99.3	99.1	98.9	100.1	101.0	102.0	103.0
62.5°	103.0	98.6	94.2	92.8	92.5	92.8	92.8	94.0	95.0	95.9	96.9
65°	95.7	91.3	86.7	85.2	85.7	86.4	87.2	88.1	88.9	89.8	90.8
67.5°	87.7	84.0	80.1	78.6	78.9	79.9	80.8	81.6	82.1	83.0	84.0
70°	78.9	75.7	72.6	71.6	71.3	72.6	73.5	74.0	74.5	75.7	76.7
72.5°	69.4	66.7	64.0	63.3	63.5	64.3	65.0	65.7	66.2	67.4	68.4
75°	59.7	57.2	54.8	54.3	54.8	55.5	56.2	56.7	57.2	58.7	59.9
77.5°	50.2	47.5	44.6	44.3	45.0	45.8	46.3	47.0	47.7	49.7	51.6
80°	40.2	37.3	34.1	33.8	34.6	35.3	36.0	36.8	37.5	39.9	42.1
82.5°	29.5	26.1	22.6	22.2	24.6	25.3	26.1	27.3	28.2	30.4	32.6
85°	17.8	14.4	11.0	10.7	12.9	14.1	15.3	16.8	18.0	20.0	21.9
87.5°	1.9	1.0	0.0	0.0	0.2	1.2	2.2	3.4	4.6	6.6	8.3
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: P386111  
 CATALOG NUMBER: GAW-SA1D-727-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: P386111  
 CATALOG NUMBER: GAW-SA1D-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3
2.5°	1559.8	1548.8	1560.0	1571.0	1575.6	1580.2	1568.3	1556.1	1575.1	1593.8	1598.7
5°	1277.8	1267.8	1275.4	1282.7	1266.4	1250.0	1248.3	1246.4	1260.5	1274.6	1276.8
7.5°	990.5	987.3	994.4	1001.4	980.8	959.8	949.6	939.4	942.8	946.2	945.7
10°	738.5	740.4	749.2	757.7	741.7	725.6	718.5	711.5	719.3	726.8	733.9
12.5°	553.2	557.3	566.6	575.6	569.0	562.2	562.9	563.7	572.7	581.4	589.2
15°	429.7	434.6	441.2	447.5	447.8	447.8	454.1	460.2	459.5	458.7	464.1
17.5°	355.7	362.1	362.8	363.5	363.8	364.0	363.5	363.0	359.4	355.7	359.9
20°	304.6	306.8	308.7	310.4	308.3	305.8	299.7	293.6	291.2	288.8	292.7
22.5°	277.1	281.0	279.0	276.8	272.5	267.8	263.2	258.3	258.1	257.6	259.8
25°	254.0	257.1	253.7	250.3	247.1	244.0	240.8	237.6	237.4	237.2	238.1
27.5°	234.7	237.6	234.5	231.3	228.6	226.0	223.5	221.1	220.6	220.1	220.4
30°	218.2	220.8	218.2	215.2	213.3	211.1	209.4	207.7	207.4	207.2	207.2
32.5°	203.3	206.0	204.0	202.1	200.4	198.7	197.5	196.2	195.0	193.8	191.1
35°	190.4	193.1	191.9	190.4	188.5	186.5	184.3	181.9	178.7	175.3	173.8
37.5°	179.4	182.1	180.9	179.7	177.0	174.3	170.4	166.3	165.3	164.1	163.9
40°	170.7	174.8	172.4	169.7	165.6	161.4	159.5	157.5	157.0	156.6	156.1
42.5°	160.9	167.3	162.9	158.5	154.6	150.7	150.2	149.7	149.5	149.3	149.3
45°	148.8	155.6	151.2	146.6	144.4	142.2	142.2	142.2	142.4	142.4	142.9
47.5°	137.3	141.5	139.3	137.1	135.9	134.6	134.9	135.1	135.9	136.4	137.6
50°	127.6	129.0	129.5	129.8	129.0	128.3	128.8	129.0	129.8	130.3	131.2
52.5°	120.5	122.7	122.7	122.5	122.5	122.5	123.0	123.4	124.2	124.9	125.9
55°	115.9	119.1	118.1	117.1	117.4	117.4	117.8	118.3	119.1	119.6	121.0
57.5°	111.5	114.9	114.0	113.0	113.0	113.0	113.2	113.5	114.2	114.7	115.7
60°	106.4	109.8	108.8	107.6	107.9	108.1	108.4	108.4	108.8	109.1	109.1
62.5°	100.3	103.7	102.8	101.5	102.3	102.8	102.8	102.8	103.2	103.5	102.8
65°	94.0	97.2	96.2	95.2	96.2	96.9	97.4	97.6	97.4	97.2	96.4
67.5°	87.2	90.3	89.4	88.1	89.4	90.3	91.3	92.0	91.3	90.6	89.6
70°	79.9	83.0	81.8	80.6	81.8	83.0	84.0	85.0	84.0	83.0	82.8
72.5°	72.1	75.7	74.3	72.8	74.3	75.7	76.2	76.7	76.0	75.2	74.7
75°	63.5	67.2	66.0	64.5	65.7	67.0	67.2	67.4	67.4	67.2	65.7
77.5°	54.5	57.5	56.7	56.0	56.7	57.5	57.5	57.5	57.7	57.7	55.8
80°	43.8	45.5	45.8	46.0	46.3	46.5	46.3	46.0	45.5	45.0	43.8
82.5°	32.6	32.6	34.6	36.3	36.3	36.0	35.8	35.3	34.3	33.1	30.4
85°	20.7	19.5	22.6	25.6	25.6	25.3	24.8	24.1	22.2	20.0	17.8
87.5°	7.1	5.8	9.0	12.2	12.4	12.4	11.9	11.4	9.5	7.3	5.6
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: P386111  
 CATALOG NUMBER: GAW-SA1D-727-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: P386111  
 CATALOG NUMBER: GAW-SA1D-727-U-SLL

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3
2.5°	1606.0	1609.2	1612.1	1636.0	1659.6	1687.3	1715.1	1736.3	1757.2	1778.9	1800.6
5°	1284.4	1288.3	1292.2	1321.1	1349.9	1388.6	1427.3	1460.7	1494.0	1533.2	1572.4
7.5°	952.0	960.5	968.8	999.7	1030.4	1072.1	1113.5	1157.0	1200.4	1251.5	1302.6
10°	747.7	763.8	779.6	811.3	842.9	884.1	925.0	970.5	1016.1	1066.5	1116.6
12.5°	605.3	626.7	647.9	685.9	723.9	773.1	822.0	872.6	923.0	967.4	1011.7
15°	478.2	501.6	524.7	564.9	605.1	659.1	712.9	768.2	823.2	876.3	929.4
17.5°	373.0	392.3	411.2	445.3	479.2	531.5	583.9	641.8	699.8	764.5	829.1
20°	300.9	309.0	317.0	341.6	366.0	408.6	450.9	510.1	569.3	646.7	724.1
22.5°	263.7	267.8	271.7	283.7	295.3	322.9	350.1	402.5	454.6	539.1	623.3
25°	241.3	244.5	247.6	255.4	263.2	276.4	289.5	326.3	363.0	446.1	528.8
27.5°	221.1	226.0	230.6	234.2	237.6	246.6	255.4	279.5	303.6	381.1	458.2
30°	206.5	208.2	209.9	215.5	220.8	230.1	239.3	256.1	272.9	338.4	403.7
32.5°	189.4	191.9	194.3	200.1	206.0	214.5	223.0	236.7	250.1	306.1	361.8
35°	174.1	176.5	179.0	184.8	190.4	199.7	208.7	220.1	231.3	280.0	328.7
37.5°	164.6	167.0	169.5	174.6	179.4	188.7	197.7	206.7	215.5	260.5	305.6
40°	156.6	159.0	161.4	166.3	170.9	179.9	188.7	196.2	203.8	245.9	288.0
42.5°	149.5	152.2	154.9	159.7	164.4	172.4	180.4	190.4	200.1	233.3	266.1
45°	143.7	146.3	148.8	154.1	159.5	167.3	175.1	188.9	202.8	226.7	250.5
47.5°	138.3	141.2	143.9	149.7	155.6	165.3	174.8	186.5	198.0	221.6	245.2
50°	133.2	136.6	140.0	147.1	153.9	170.2	186.3	188.0	189.4	217.4	245.2
52.5°	128.3	132.2	136.1	144.9	153.4	172.4	191.4	185.3	179.0	209.6	240.3
55°	123.4	126.9	130.0	140.7	151.4	165.3	179.2	171.2	162.9	195.0	227.2
57.5°	116.9	120.5	123.9	135.4	146.8	156.6	166.1	158.8	151.2	178.5	205.5
60°	110.1	114.2	118.3	132.9	147.3	145.6	143.7	142.2	140.5	160.0	179.4
62.5°	104.0	108.4	112.7	131.7	150.7	139.0	127.3	128.6	129.5	143.9	158.3
65°	97.9	102.3	106.4	115.9	125.4	120.8	116.1	118.1	119.8	133.9	148.0
67.5°	91.1	95.0	98.6	101.8	104.9	105.4	105.9	107.9	109.8	126.6	143.2
70°	83.5	86.7	89.8	92.0	94.0	95.0	95.7	98.1	100.6	118.8	137.1
72.5°	75.0	77.7	80.1	82.1	84.0	84.7	85.2	87.7	90.1	109.6	129.0
75°	65.7	67.9	69.9	71.6	73.3	74.3	75.2	76.9	78.6	99.8	120.8
77.5°	55.5	57.7	59.7	61.1	62.3	63.3	64.0	66.2	68.4	86.2	103.7
80°	43.3	46.0	48.5	49.7	50.6	50.9	50.9	52.8	54.8	67.4	79.9
82.5°	30.7	33.6	36.3	37.3	38.2	38.2	38.2	40.4	42.6	51.1	59.4
85°	18.0	21.2	24.1	25.1	26.1	26.5	26.8	27.8	28.5	34.6	40.4
87.5°	5.6	8.3	10.7	11.2	11.7	12.7	13.6	13.9	13.9	18.0	22.2
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: P386111  
 CATALOG NUMBER: GAW-SA1D-727-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°	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3	1855.3
2.5°	1825.4	1850.2	1879.2	1907.9	1932.5	1957.1	1977.6
5°	1622.3	1672.2	1733.4	1794.2	1848.5	1902.8	1965.9
7.5°	1367.2	1431.7	1510.8	1589.9	1666.6	1743.1	1840.0
10°	1182.4	1247.9	1331.6	1415.1	1501.3	1587.3	1696.8
12.5°	1065.0	1118.1	1199.2	1280.2	1381.5	1482.6	1588.0
15°	987.6	1045.5	1124.4	1203.3	1314.1	1424.9	1546.1
17.5°	905.0	980.8	1081.8	1182.8	1314.1	1445.1	1588.0
20°	818.6	912.8	1043.8	1174.8	1351.6	1528.1	1710.5
22.5°	732.4	841.5	1009.5	1177.2	1408.3	1639.1	1885.3
25°	654.7	780.6	988.5	1196.2	1490.9	1785.2	2090.6
27.5°	595.8	733.1	980.0	1226.7	1595.5	1964.4	2313.8
30°	543.5	683.2	969.8	1256.4	1696.4	2136.1	2488.4
32.5°	498.2	634.5	950.1	1265.4	1766.7	2268.1	2636.2
35°	462.6	596.5	917.0	1237.4	1810.8	2384.2	2790.1
37.5°	431.9	558.3	879.2	1200.1	1850.0	2499.8	2963.2
40°	402.7	517.4	846.8	1176.0	1904.0	2632.1	3146.1
42.5°	375.0	483.8	820.8	1157.8	1954.2	2750.4	3306.0
45°	354.3	458.0	797.7	1137.1	1986.6	2836.1	3426.5
47.5°	344.0	442.7	785.2	1127.6	2019.0	2910.1	3526.6
50°	342.6	440.0	799.4	1158.7	2089.1	3019.2	3641.1
52.5°	342.3	444.4	840.0	1235.7	2219.4	3202.8	3765.0
55°	337.2	447.0	888.5	1329.7	2394.2	3458.4	3987.8
57.5°	321.6	437.8	938.4	1438.7	2579.0	3719.0	4238.8
60°	297.5	415.4	979.5	1543.4	2703.2	3862.6	4335.5
62.5°	267.3	376.2	993.2	1609.9	2699.7	3789.6	4238.1
65°	241.5	335.0	948.4	1561.5	2563.2	3564.6	4045.5
67.5°	218.6	293.9	836.4	1378.6	2317.5	3256.1	3800.5
70°	202.1	266.9	692.0	1117.1	2010.0	2902.6	3516.9
72.5°	191.6	254.0	564.2	874.1	1631.1	2387.8	3008.2
75°	177.3	233.7	442.7	651.3	1248.3	1845.4	2272.2
77.5°	150.5	197.0	333.6	470.2	916.0	1361.6	1580.2
80°	116.1	152.2	229.4	306.5	630.4	954.2	1077.4
82.5°	82.8	106.2	139.0	171.9	418.8	665.4	675.7
85°	51.1	61.8	79.6	97.4	277.1	456.8	380.6
87.5°	27.5	32.9	42.1	51.1	88.6	126.1	72.6
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)