

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P596444

Luminaire Tested: **MSA-SA4C-722-U-SLR**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596444  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA4C-722-U-SLR  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (4) 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: 15152 lumens  
Efficiency: N/A  
Efficacy: 67.3 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3

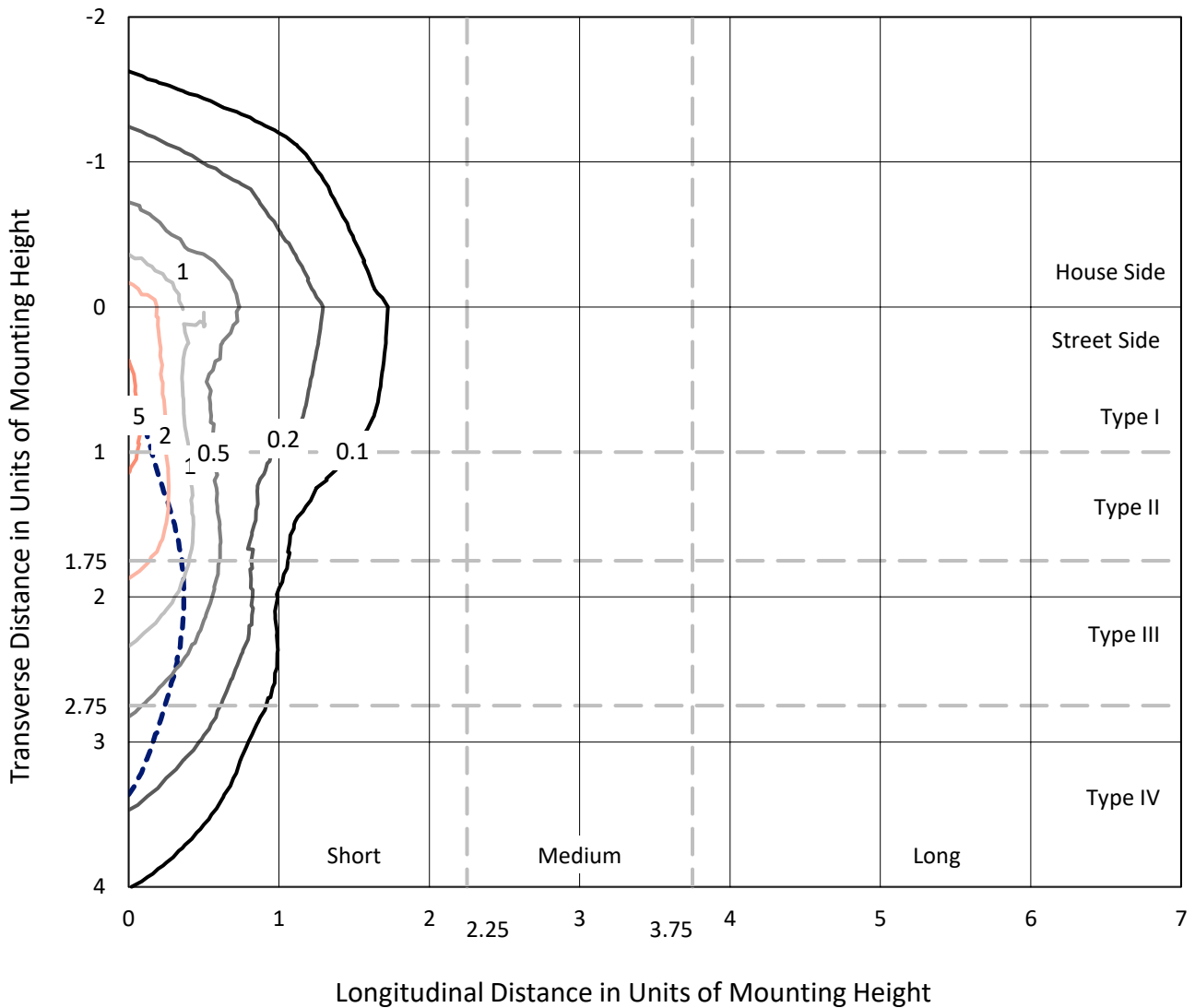
Input Watts (W): 225  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

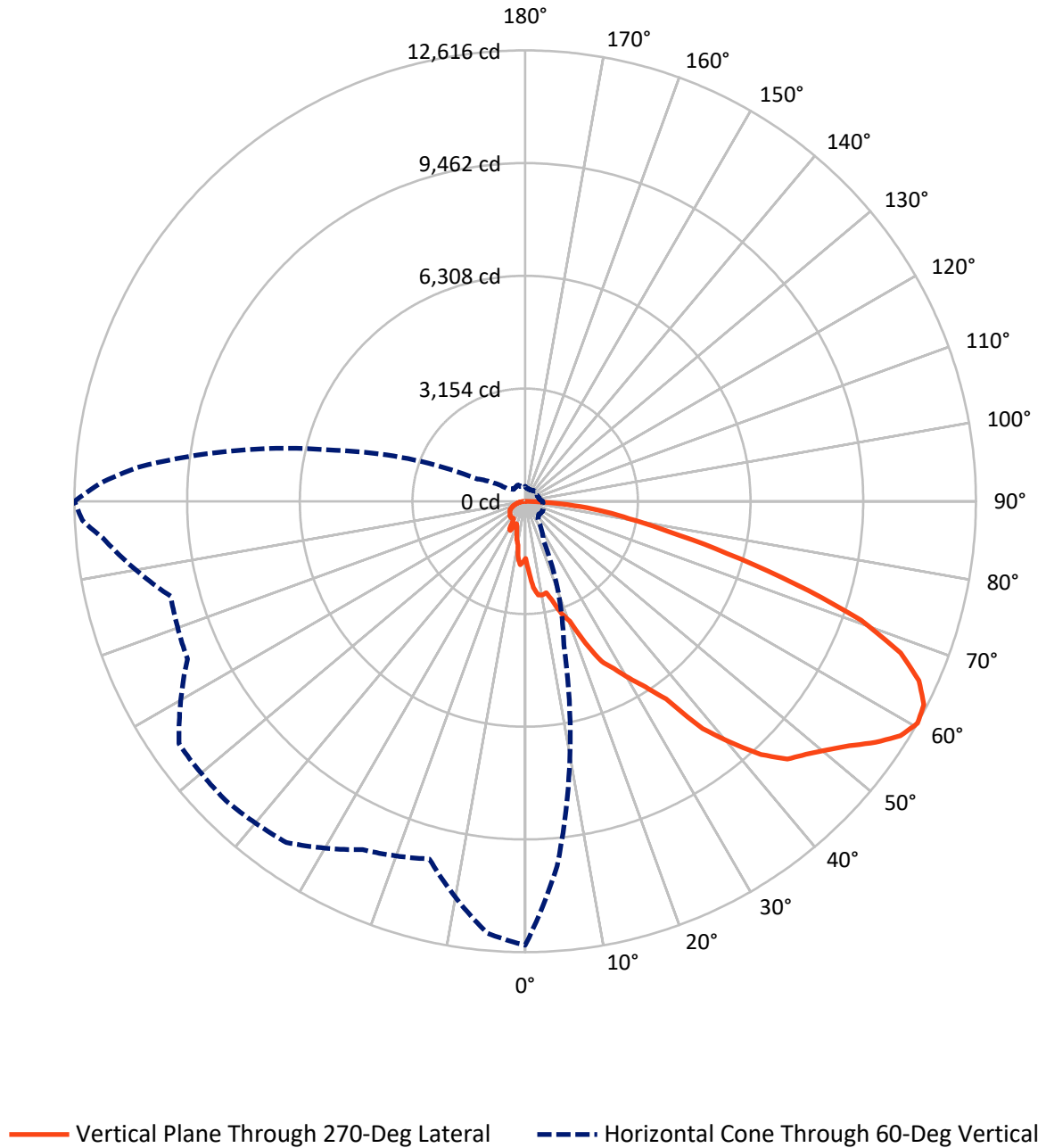
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.5 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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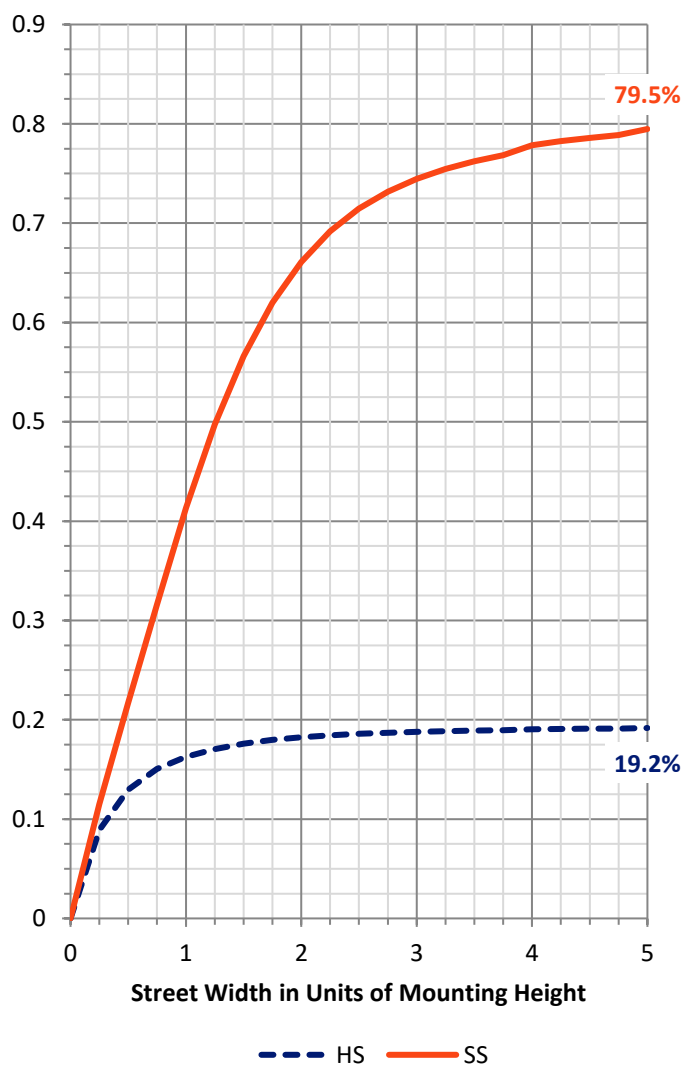
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2934.6	0.0	2934.6
	% Fixture	19.4	0.0	19.4
<b>Street Side</b>	Lumens	12217.4	0.0	12217.4
	% Fixture	80.6	0.0	80.6
<b>Total</b>	Lumens	15152.0	0.0	15152.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	183.2	1.2
10°-20°	532.4	3.5
20°-30°	939.9	6.2
30°-40°	1463.8	9.7
40°-50°	2409.9	15.9
50°-60°	3439.7	22.7
60°-70°	3647.4	24.1
70°-80°	2014.5	13.3
80°-90°	521.2	3.4
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°	15152.0	100.0
0°-180°	15152.0	100.0

**Coefficient of Utilization**



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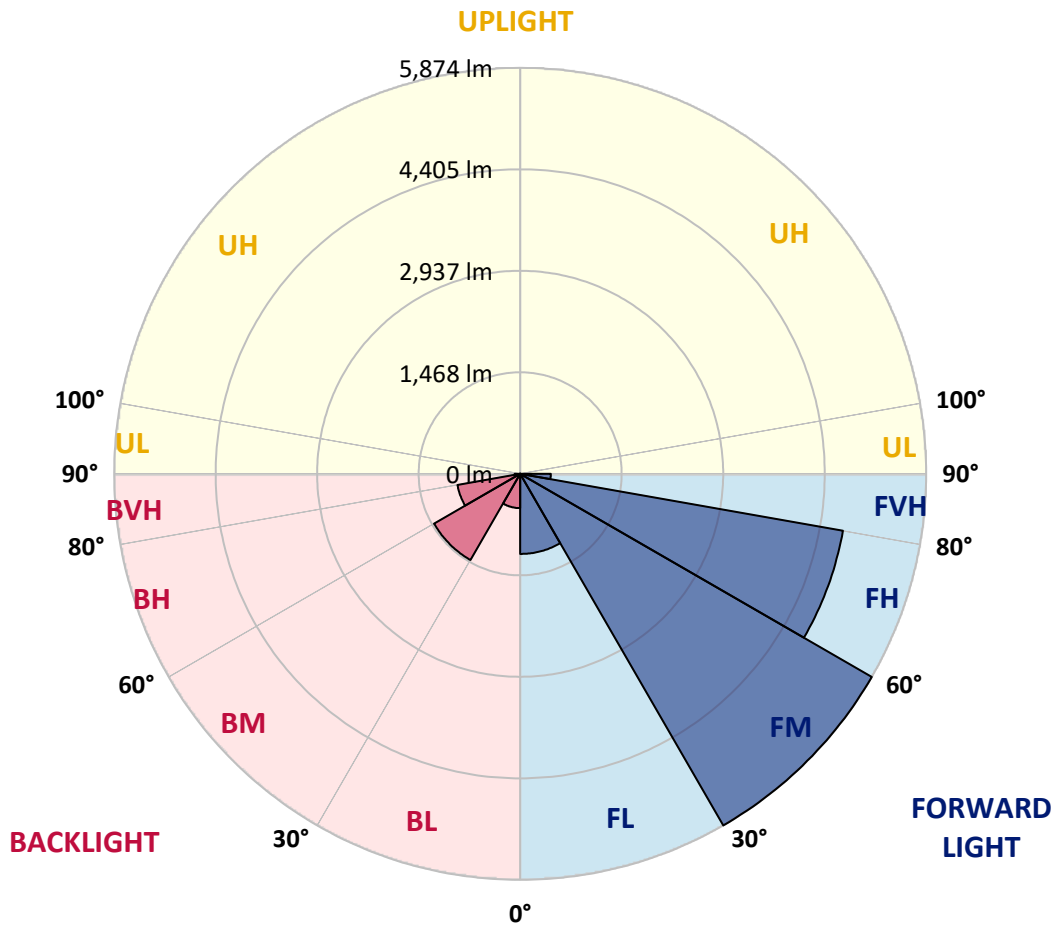
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1159.4	7.7			
FM (30°-60°)	5873.9	38.8			
FH (60°-80°)	4741.1	31.3			G2/5000
FVH (80°-90°)	443.0	2.9			G3/500
BL (0°-30°)	496.1	3.3	B1/500		
BM (30°-60°)	1439.5	9.5	B2/2500		
BH (60°-80°)	920.8	6.1	B2/1000		G2/1000
BVH (80°-90°)	78.2	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 Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	2140.2	2153.4	2165.9	2140.9	2115.9	2090.2	2065.2	2027.6	1989.4	1951.9	1913.7
5°	2570.4	2521.9	2472.6	2452.7	2433.6	2413.8	2393.9	2375.5	2357.1	2338.0	2319.6
7.5°	2705.0	2635.9	2566.0	2536.6	2507.2	2477.0	2447.6	2381.4	2315.2	2248.3	2182.1
10°	2557.2	2485.1	2412.3	2383.6	2354.2	2325.5	2296.1	2215.2	2135.0	2054.1	1973.2
12.5°	2676.3	2602.8	2528.5	2437.3	2346.1	2254.2	2163.0	2118.1	2073.2	2027.6	1982.8
15°	2791.0	2691.8	2591.7	2500.5	2409.3	2317.4	2226.2	2136.5	2046.8	1957.0	1867.3
17.5°	3210.3	3044.8	2879.3	2714.6	2549.1	2384.3	2218.9	2115.2	2010.7	1907.0	1802.6
20°	3721.4	3491.2	3260.3	3010.2	2759.4	2509.4	2258.6	2127.7	1997.5	1866.6	1735.7
22.5°	4329.6	4039.1	3748.6	3433.1	3117.6	2801.3	2485.8	2296.1	2106.3	1915.9	1726.1
25°	4812.8	4533.3	4253.9	3853.8	3453.7	3053.6	2653.5	2438.0	2222.5	2006.3	1790.8
27.5°	5282.0	4837.1	4391.4	3933.2	3475.8	3017.6	2559.4	2360.1	2160.8	1961.5	1762.1
30°	5678.4	5325.4	4972.4	4374.5	3776.6	3177.9	2580.0	2335.1	2090.2	1845.3	1600.3
32.5°	6258.7	5754.9	5250.4	4626.7	4003.1	3379.4	2755.7	2442.4	2129.1	1815.8	1502.5
35°	6937.5	6413.9	5890.2	5118.8	4348.0	3576.5	2805.0	2473.3	2140.9	1809.2	1476.8
37.5°	8203.3	7280.3	6356.5	5514.4	4672.3	3829.5	2987.4	2602.0	2216.7	1830.5	1445.2
40°	8901.2	8048.1	7194.9	6145.5	5096.0	4045.7	2996.2	2602.0	2207.1	1812.9	1418.0
42.5°	9831.5	8752.6	7673.0	6538.2	5404.1	4269.3	3134.5	2697.6	2260.8	1823.2	1386.3
45°	10398.6	9196.1	7992.9	6780.1	5567.4	4354.6	3141.9	2698.4	2254.9	1811.4	1367.9
47.5°	10764.1	9609.4	8454.0	7148.6	5843.2	4537.0	3231.6	2760.9	2289.5	1818.8	1347.4
50°	11110.5	9966.9	8822.5	7467.1	6112.4	4756.9	3401.5	2887.4	2373.3	1858.5	1344.4
52.5°	11535.6	10482.4	9428.5	7974.5	6519.8	5065.8	3611.1	3051.4	2491.7	1932.0	1372.4
55°	12154.1	11116.4	10077.9	8517.3	6955.9	5395.3	3833.9	3212.5	2591.7	1970.3	1348.8
57.5°	12554.9	11502.5	10450.1	8858.5	7267.0	5674.8	4083.2	3394.9	2706.5	2017.3	1329.0
60°	12421.8	11336.3	10250.0	8732.8	7215.5	5698.3	4181.1	3437.5	2694.7	1951.2	1207.6
62.5°	11833.5	10679.5	9525.6	8166.5	6808.1	5449.0	4089.9	3333.8	2578.5	1822.5	1066.4
65°	11011.2	9818.3	8624.7	7398.7	6172.7	4946.7	3720.7	3034.5	2347.6	1661.4	974.5
67.5°	10002.2	8758.5	7514.1	6428.6	5343.1	4256.8	3171.3	2597.6	2024.7	1451.1	877.4
70°	8736.5	7514.1	6291.8	5352.6	4413.5	3474.3	2535.1	2103.4	1672.4	1240.7	809.0
72.5°	7022.1	5967.5	4912.8	4173.7	3434.6	2695.4	1956.3	1656.2	1356.9	1056.8	756.8
75°	4994.5	4374.5	3754.5	3179.4	2604.2	2028.4	1453.3	1259.1	1064.9	870.8	676.6
77.5°	3549.3	3183.8	2818.3	2367.4	1916.6	1465.8	1014.9	900.9	787.7	673.7	559.7
80°	2624.1	2318.9	2013.7	1673.9	1334.1	994.3	654.6	598.7	543.5	487.6	431.7
82.5°	1727.6	1590.1	1451.8	1182.6	913.4	644.3	375.1	354.5	333.9	313.3	292.7
85°	773.7	817.1	859.7	695.0	529.5	364.8	199.3	189.7	180.2	170.6	161.1
87.5°	74.3	109.6	144.9	124.3	103.0	82.4	61.0	60.3	60.3	59.6	58.8
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°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
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):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1923.9	1934.2	1944.5	1954.8	1943.8	1932.8	1921.0	1910.0	1896.0	1882.0	1867.3
5°	2288.7	2257.1	2226.2	2194.6	2147.5	2100.5	2052.7	2005.6	1999.7	1993.1	1987.2
7.5°	2124.0	2066.6	2008.5	1950.4	1876.9	1804.1	1730.5	1657.0	1634.9	1612.9	1590.8
10°	1934.2	1894.5	1855.5	1815.8	1770.2	1724.6	1678.3	1632.7	1572.4	1511.4	1451.1
12.5°	1918.1	1853.3	1787.9	1723.2	1695.2	1667.3	1639.3	1611.4	1558.4	1505.5	1451.8
15°	1815.1	1762.1	1709.9	1657.0	1616.5	1576.1	1535.6	1495.2	1452.5	1409.1	1366.5
17.5°	1742.3	1682.0	1621.7	1561.4	1515.0	1468.7	1421.6	1375.3	1323.8	1271.6	1220.1
20°	1666.5	1598.1	1529.0	1459.9	1401.0	1342.9	1284.1	1225.3	1168.6	1112.7	1056.1
22.5°	1635.6	1545.2	1454.7	1364.3	1302.5	1240.0	1178.2	1115.7	1063.5	1011.2	959.0
25°	1682.7	1575.3	1467.2	1359.1	1276.0	1192.2	1109.1	1025.2	981.8	938.4	894.3
27.5°	1627.6	1492.2	1357.6	1222.3	1133.3	1043.6	954.6	864.9	858.3	851.7	844.3
30°	1458.4	1316.5	1174.5	1032.6	950.9	868.6	786.9	704.6	689.1	672.9	657.5
32.5°	1357.6	1212.8	1067.9	923.0	850.2	776.6	703.8	630.3	612.6	595.0	577.3
35°	1319.4	1162.0	1004.6	847.2	784.7	722.2	659.7	597.2	584.7	572.9	560.4
37.5°	1288.5	1132.6	975.9	819.3	759.0	698.7	637.6	577.3	567.8	558.2	548.6
40°	1259.1	1101.0	942.1	783.3	729.6	676.6	622.9	569.2	563.4	557.5	550.9
42.5°	1232.6	1078.9	924.5	770.8	723.0	675.9	628.1	580.3	574.4	568.5	562.6
45°	1217.9	1067.9	917.8	767.8	733.2	698.7	663.4	628.8	614.8	600.9	586.2
47.5°	1206.9	1066.4	925.9	785.5	749.4	713.4	677.4	641.3	628.8	616.3	603.1
50°	1209.1	1074.5	939.2	803.9	760.5	716.3	672.9	628.8	627.3	625.9	624.4
52.5°	1228.9	1086.3	942.9	799.4	752.4	705.3	657.5	610.4	620.0	628.8	638.4
55°	1200.3	1051.7	902.4	753.8	709.0	664.9	620.0	575.1	587.6	599.4	611.9
57.5°	1167.9	1006.8	845.8	684.7	650.9	617.0	582.5	548.6	561.9	575.9	589.1
60°	1060.5	913.4	766.3	619.3	596.5	573.7	550.9	528.1	533.9	539.8	545.7
62.5°	942.9	818.6	695.0	570.7	553.1	534.7	517.0	498.6	498.6	499.4	499.4
65°	867.8	761.2	654.6	547.9	528.1	508.2	487.6	467.7	464.8	461.9	458.9
67.5°	792.8	709.0	624.4	539.8	511.1	483.2	454.5	425.8	422.2	419.2	415.5
70°	734.0	659.0	584.0	508.9	476.6	444.9	412.6	380.2	377.3	375.1	372.1
72.5°	686.2	616.3	545.7	475.1	441.3	406.7	372.9	338.3	336.1	333.9	331.0
75°	614.1	552.3	489.8	427.3	394.2	361.8	328.7	295.7	292.7	290.5	287.6
77.5°	508.2	456.0	404.5	352.3	326.5	301.5	275.8	250.1	248.6	247.1	244.9
80°	391.3	350.8	309.6	269.2	252.3	234.6	217.7	200.0	199.3	198.6	197.1
82.5°	268.4	244.2	219.9	195.6	183.1	169.9	157.4	144.1	144.9	145.6	146.4
85°	153.0	144.1	136.1	127.2	116.9	107.4	97.1	86.8	89.0	91.2	92.7
87.5°	55.9	53.0	50.0	47.1	41.9	37.5	32.4	27.2	28.7	30.9	32.4
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: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1853.3	1831.3	1809.2	1787.2	1765.1	1719.5	1674.6	1629.0	1583.4	1611.4	1640.1
5°	1980.6	1943.1	1904.8	1867.3	1829.1	1807.7	1786.4	1765.1	1743.8	1754.8	1766.6
7.5°	1568.7	1546.7	1523.9	1501.8	1479.0	1469.4	1460.6	1451.1	1441.5	1468.7	1495.9
10°	1390.0	1359.1	1328.2	1296.6	1265.7	1247.3	1228.9	1210.6	1192.2	1199.5	1206.9
12.5°	1398.8	1353.2	1307.6	1262.0	1216.4	1189.2	1162.0	1134.8	1107.6	1114.2	1120.8
15°	1323.1	1276.0	1228.9	1181.9	1134.8	1103.2	1070.8	1039.2	1006.8	995.8	984.0
17.5°	1167.9	1116.4	1064.9	1013.5	962.0	940.6	919.3	898.0	876.7	864.9	853.1
20°	999.5	951.7	903.9	856.1	808.3	793.6	778.8	763.4	748.7	741.3	733.2
22.5°	906.8	877.4	847.2	817.8	787.7	770.8	754.6	737.7	720.7	712.7	703.8
25°	850.9	856.8	863.4	869.3	875.2	867.8	859.7	852.4	844.3	847.2	849.4
27.5°	837.7	850.2	863.4	875.9	888.4	895.0	901.7	908.3	914.9	917.1	919.3
30°	641.3	647.9	653.8	660.4	666.3	684.7	703.1	720.7	739.1	767.8	797.2
32.5°	559.7	557.5	555.3	552.3	550.1	554.5	558.9	562.6	567.0	577.3	588.4
35°	547.9	542.8	536.9	531.7	525.8	528.1	530.3	532.5	534.7	542.8	550.9
37.5°	539.1	536.9	535.4	533.2	531.0	536.1	540.6	545.7	550.1	556.7	563.4
40°	545.0	544.2	543.5	542.0	541.3	544.2	547.2	550.1	553.1	561.9	570.7
42.5°	556.7	556.7	556.0	556.0	555.3	558.2	560.4	563.4	565.6	570.7	575.9
45°	572.2	570.7	570.0	568.5	567.0	566.3	566.3	565.6	564.8	567.8	571.4
47.5°	590.6	585.4	579.5	574.4	568.5	567.0	564.8	563.4	561.2	562.6	564.1
50°	622.9	609.0	595.7	581.7	567.8	564.1	560.4	556.7	553.1	552.3	552.3
52.5°	647.2	626.6	606.0	585.4	564.8	558.2	551.6	545.0	538.4	536.9	536.1
55°	623.7	608.2	593.5	578.1	562.6	553.1	542.8	533.2	522.9	520.7	518.5
57.5°	602.3	592.8	583.2	573.7	564.1	554.5	544.2	534.7	524.4	519.2	514.1
60°	551.6	551.6	552.3	552.3	552.3	542.0	531.7	521.4	511.1	506.0	501.6
62.5°	499.4	507.5	514.8	522.9	530.3	516.3	501.6	487.6	472.9	469.2	466.3
65°	456.0	458.2	461.1	463.3	465.5	454.5	443.5	432.4	421.4	419.2	416.3
67.5°	411.9	411.1	410.4	408.9	408.2	401.6	394.2	387.6	380.2	377.3	374.3
70°	369.2	368.5	367.7	366.3	365.5	359.6	353.8	347.9	342.0	339.8	337.6
72.5°	328.7	328.0	326.5	325.8	324.3	319.2	314.8	309.6	304.5	301.5	298.6
75°	284.6	283.1	281.7	280.2	278.7	274.3	269.9	264.8	260.4	257.4	254.5
77.5°	243.4	241.2	239.0	236.1	233.9	230.2	225.8	222.1	217.7	214.0	211.1
80°	196.4	194.9	193.4	191.2	189.7	186.1	182.4	178.0	174.3	169.9	166.2
82.5°	147.1	146.4	144.9	144.1	142.7	139.0	135.3	131.6	128.0	123.6	119.1
85°	94.9	94.1	93.4	92.7	91.9	89.0	86.8	83.8	80.9	76.5	72.8
87.5°	33.8	32.4	31.6	30.2	28.7	27.9	26.5	25.7	24.3	22.1	19.9
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



REPORT NUMBER: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1668.0	1696.0	1696.7	1696.7	1709.9	1722.4	1696.7	1671.0	1644.5	1618.7	1593.0
5°	1777.6	1788.6	1785.7	1782.0	1765.8	1749.6	1732.7	1715.8	1698.9	1682.0	1682.7
7.5°	1523.1	1550.3	1572.4	1593.7	1573.1	1552.5	1541.5	1530.5	1519.4	1508.4	1506.9
10°	1213.5	1220.9	1229.7	1237.8	1225.3	1212.0	1234.1	1256.2	1277.5	1299.5	1275.3
12.5°	1127.5	1134.1	1118.6	1102.4	1097.3	1092.1	1087.0	1081.1	1076.0	1070.1	1067.1
15°	973.0	961.2	949.5	937.0	934.0	930.3	926.7	922.3	918.6	914.2	900.9
17.5°	841.4	829.6	809.7	789.1	781.1	772.2	770.0	767.8	764.9	762.7	750.2
20°	725.9	717.8	712.7	706.8	698.7	690.6	682.5	674.4	665.6	657.5	645.7
22.5°	695.7	686.9	680.3	672.9	671.5	670.0	655.3	639.8	625.1	609.7	603.1
25°	852.4	854.6	814.1	773.0	769.3	765.6	739.1	711.9	685.4	658.2	635.4
27.5°	920.8	923.0	921.5	920.1	908.3	895.8	850.9	805.3	760.5	714.9	682.5
30°	825.9	854.6	865.6	876.7	868.6	859.7	812.7	766.3	719.3	672.2	650.9
32.5°	598.7	609.0	627.3	645.0	654.6	663.4	648.7	634.0	619.3	604.5	600.9
35°	558.2	566.3	570.0	573.7	567.8	561.9	550.9	539.8	528.1	517.0	514.8
37.5°	569.2	575.9	583.2	590.6	574.4	557.5	545.0	533.2	520.7	508.2	497.9
40°	579.5	588.4	592.8	597.2	581.0	564.8	549.4	534.7	519.2	503.8	493.5
42.5°	581.0	586.2	594.2	602.3	579.5	556.0	542.0	527.3	513.3	498.6	488.3
45°	574.4	577.3	584.7	592.0	565.6	538.4	525.8	512.6	500.1	486.9	478.0
47.5°	564.8	566.3	572.2	577.3	549.4	520.7	508.9	497.2	484.7	472.9	464.1
50°	551.6	550.9	555.3	558.9	530.3	501.6	489.8	478.8	467.0	455.2	447.9
52.5°	534.7	533.2	537.6	541.3	511.1	481.0	470.7	461.1	450.8	440.5	434.7
55°	515.6	513.3	517.0	520.7	491.3	461.1	452.3	442.7	433.9	424.4	419.2
57.5°	508.2	503.1	505.3	507.5	474.4	441.3	432.4	423.6	414.8	406.0	402.3
60°	496.4	491.3	493.5	495.0	459.7	423.6	415.5	406.7	398.6	389.8	386.1
62.5°	462.6	458.9	461.9	464.8	433.2	400.8	393.5	386.8	379.5	372.1	367.0
65°	414.1	411.1	417.0	422.9	395.7	368.5	364.0	359.6	354.5	350.1	344.9
67.5°	371.4	368.5	374.3	380.2	360.4	340.5	336.1	331.7	327.3	322.9	319.9
70°	335.4	333.2	338.3	343.5	326.5	309.6	305.2	301.5	297.1	292.7	290.5
72.5°	294.9	292.0	298.6	304.5	290.5	275.8	272.1	267.7	264.0	259.6	258.1
75°	251.5	248.6	254.5	259.6	250.1	239.8	236.1	232.4	228.7	225.0	224.3
77.5°	207.4	203.7	209.6	214.8	208.9	202.2	199.3	195.6	192.7	189.0	189.0
80°	161.8	157.4	161.8	165.5	163.3	161.1	158.9	155.9	153.7	150.8	151.5
82.5°	114.7	110.3	112.5	114.7	116.2	117.7	117.7	117.7	117.7	117.7	117.7
85°	68.4	64.0	64.7	65.5	67.7	69.9	70.6	71.3	72.1	72.8	73.5
87.5°	17.7	15.4	14.0	11.8	14.0	15.4	16.9	17.7	19.1	19.9	19.9
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



REPORT NUMBER: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1567.3	1540.8	1515.0	1531.2	1546.7	1562.8	1578.3	1579.0	1579.0	1579.8	1579.8
5°	1684.2	1684.9	1685.7	1670.2	1655.5	1640.1	1624.6	1616.5	1608.4	1599.6	1591.5
7.5°	1504.7	1503.3	1501.1	1486.4	1471.6	1456.9	1442.2	1406.9	1370.9	1335.6	1299.5
10°	1250.3	1226.0	1201.0	1195.1	1190.0	1184.1	1178.2	1168.6	1159.8	1150.2	1140.7
12.5°	1064.2	1061.3	1058.3	1042.9	1027.4	1011.2	995.8	995.8	995.8	995.8	995.8
15°	887.0	873.7	859.7	852.4	844.3	836.9	828.9	825.2	821.5	817.8	814.1
17.5°	736.9	724.4	711.2	709.7	708.2	706.8	705.3	701.6	697.9	694.3	690.6
20°	634.0	622.2	610.4	614.8	619.3	622.9	627.3	623.7	620.0	615.6	611.9
22.5°	595.7	589.1	581.7	578.1	574.4	570.0	566.3	566.3	567.0	567.0	567.0
25°	613.4	590.6	567.8	556.7	545.7	533.9	522.9	518.5	514.8	510.4	506.0
27.5°	650.1	617.0	584.7	565.6	546.4	527.3	508.2	500.1	491.3	483.2	474.4
30°	628.8	607.5	585.4	563.4	541.3	519.2	497.2	486.9	476.6	465.5	455.2
32.5°	597.2	592.8	589.1	568.5	547.9	526.6	506.0	501.6	497.9	493.5	489.1
35°	511.9	509.7	506.7	501.6	496.4	491.3	486.1	480.3	474.4	468.5	462.6
37.5°	488.3	478.0	467.7	465.5	463.3	461.1	458.9	456.7	454.5	451.6	449.4
40°	483.2	472.9	462.6	458.9	455.2	450.8	447.2	447.9	449.4	450.1	450.8
42.5°	477.3	467.0	456.0	453.0	450.1	447.2	444.2	444.9	446.4	447.2	447.9
45°	470.0	461.1	452.3	447.2	442.7	437.6	432.4	436.9	441.3	444.9	449.4
47.5°	455.2	445.7	436.9	433.9	431.0	427.3	424.4	428.8	433.2	436.9	441.3
50°	439.8	432.4	424.4	423.6	422.9	421.4	420.7	423.6	426.6	429.5	432.4
52.5°	428.0	422.2	415.5	415.5	414.8	414.8	414.1	417.0	419.9	422.2	425.1
55°	414.8	409.6	404.5	405.2	406.7	407.4	408.2	411.1	414.8	417.7	420.7
57.5°	397.9	394.2	389.8	392.7	394.9	397.9	400.1	402.3	405.2	407.4	409.6
60°	381.7	378.0	373.6	376.6	380.2	383.2	386.1	388.3	390.5	392.7	394.9
62.5°	361.8	356.0	350.8	355.2	358.9	363.3	367.0	368.5	370.7	372.1	373.6
65°	340.5	335.4	330.2	333.2	336.1	338.3	341.3	343.5	345.7	347.9	350.1
67.5°	316.2	313.3	309.6	311.8	314.0	316.2	318.5	319.2	319.2	319.9	319.9
70°	287.6	285.4	282.4	283.9	286.1	287.6	289.0	289.0	289.0	288.3	288.3
72.5°	257.4	255.9	254.5	255.2	256.7	257.4	258.1	257.4	256.7	255.9	255.2
75°	223.6	222.8	222.1	222.8	224.3	225.0	225.8	225.0	223.6	222.8	221.4
77.5°	189.7	189.7	189.7	189.7	190.5	190.5	190.5	189.0	187.5	186.1	184.6
80°	152.2	153.0	153.7	153.7	153.7	153.7	153.7	152.2	150.8	148.6	147.1
82.5°	117.7	117.7	117.7	117.7	118.4	118.4	118.4	114.7	111.8	108.1	104.4
85°	73.5	74.3	74.3	75.0	75.8	75.8	76.5	71.3	66.9	61.8	56.6
87.5°	19.9	19.9	19.9	19.9	19.9	19.1	19.1	14.7	9.6	5.1	0.0
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: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1584.2	1588.6	1592.3	1596.7	1597.4	1598.1	1598.1	1598.9	1583.4	1568.0	1551.8
5°	1602.6	1612.9	1623.9	1634.2	1632.0	1629.8	1627.6	1625.4	1620.9	1617.3	1612.9
7.5°	1291.5	1284.1	1276.0	1267.9	1274.5	1281.2	1287.8	1294.4	1297.3	1300.3	1302.5
10°	1122.3	1103.9	1085.5	1067.1	1056.8	1045.8	1035.5	1024.5	1023.0	1022.3	1020.8
12.5°	976.7	956.8	937.7	917.8	912.0	905.3	899.5	892.8	898.7	904.6	909.8
15°	806.1	798.7	790.6	782.5	789.1	795.8	802.4	809.0	814.9	820.0	825.9
17.5°	686.9	684.0	680.3	676.6	682.5	689.1	695.0	700.9	714.1	727.4	740.6
20°	609.0	606.7	603.8	600.9	598.7	595.7	593.5	590.6	609.7	628.1	647.2
22.5°	562.6	558.2	553.8	549.4	550.1	550.9	550.9	551.6	567.0	583.2	598.7
25°	504.5	503.1	501.6	500.1	504.5	508.9	512.6	517.0	531.0	545.0	558.2
27.5°	475.1	475.8	476.6	477.3	483.2	489.8	495.7	501.6	511.1	520.7	530.3
30°	458.9	463.3	467.0	470.7	472.9	475.1	477.3	479.5	489.1	497.9	507.5
32.5°	483.2	477.3	470.7	464.8	467.7	471.4	474.4	477.3	486.1	495.0	503.8
35°	460.4	457.5	455.2	452.3	456.0	459.7	462.6	466.3	474.4	481.7	489.8
37.5°	448.6	447.9	447.2	446.4	448.6	450.8	452.3	454.5	461.9	469.2	475.8
40°	447.9	444.2	441.3	437.6	439.8	442.0	443.5	445.7	454.5	463.3	472.2
42.5°	443.5	439.1	433.9	429.5	431.7	434.7	436.9	439.1	448.6	457.5	467.0
45°	442.7	436.1	428.8	422.2	425.1	428.0	431.0	433.9	441.3	448.6	455.2
47.5°	434.7	428.0	421.4	414.8	416.3	417.7	418.5	419.9	426.6	432.4	439.1
50°	428.0	422.9	418.5	413.3	411.1	409.6	407.4	405.2	410.4	415.5	420.7
52.5°	419.9	414.8	408.9	403.8	400.8	397.9	394.9	392.0	396.4	400.1	404.5
55°	414.8	408.2	402.3	395.7	392.0	388.3	384.6	381.0	383.9	386.1	389.1
57.5°	403.8	397.9	391.3	385.4	381.0	376.6	371.4	367.0	368.5	369.9	371.4
60°	389.1	382.4	376.6	369.9	364.8	359.6	353.8	348.6	349.3	350.8	351.5
62.5°	367.7	361.8	355.2	349.3	343.5	338.3	332.4	326.5	328.0	328.7	330.2
65°	344.2	337.6	331.7	325.1	319.9	314.8	308.9	303.7	305.2	306.7	307.4
67.5°	315.5	310.4	305.9	300.8	296.4	291.2	286.8	281.7	282.4	283.1	283.9
70°	284.6	280.2	276.5	272.1	268.4	264.8	261.1	257.4	257.4	258.1	258.1
72.5°	251.5	247.8	244.2	240.5	236.8	233.9	230.2	226.5	228.0	229.5	230.2
75°	217.7	214.8	211.1	207.4	204.5	201.5	197.8	194.9	196.4	197.8	198.6
77.5°	182.4	180.2	177.2	175.0	172.1	169.2	165.5	162.5	164.0	165.5	166.2
80°	145.6	144.1	141.9	140.5	137.5	134.6	131.6	128.7	129.4	129.4	130.2
82.5°	105.2	105.9	105.9	106.6	104.4	101.5	99.3	96.3	96.3	96.3	95.6
85°	58.8	61.8	64.0	66.2	64.0	61.8	59.6	57.4	56.6	56.6	55.9
87.5°	2.2	3.7	5.9	7.4	6.6	5.9	4.4	3.7	4.4	5.1	5.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1536.4	1548.9	1561.4	1573.9	1586.4	1605.5	1624.6	1644.5	1664.3	1653.3	1641.5
5°	1608.4	1615.8	1623.9	1631.2	1638.6	1659.9	1680.5	1706.3	1731.3	1728.3	1724.6
7.5°	1305.4	1315.7	1326.0	1335.6	1345.9	1378.2	1410.6	1437.8	1465.0	1461.3	1456.9
10°	1019.3	1040.7	1062.7	1084.1	1105.4	1131.9	1157.6	1180.4	1203.2	1241.4	1279.0
12.5°	915.6	948.7	981.8	1014.9	1048.0	1067.1	1085.5	1114.9	1144.4	1165.0	1186.3
15°	831.1	862.0	892.8	923.7	954.6	956.1	957.6	988.4	1019.3	1037.0	1053.9
17.5°	753.8	770.8	787.7	803.9	820.8	814.9	809.0	823.7	837.7	845.0	853.1
20°	665.6	677.4	689.1	700.9	712.7	720.7	728.1	736.9	745.0	737.7	729.6
22.5°	614.1	631.8	650.1	667.8	685.4	690.6	695.0	689.9	684.7	682.5	680.3
25°	572.2	593.5	615.6	636.9	658.2	668.5	678.8	683.2	686.9	678.8	670.7
27.5°	539.8	565.6	590.6	616.3	641.3	659.7	678.1	683.2	687.6	681.8	675.1
30°	516.3	544.2	572.2	600.1	628.1	656.0	683.2	707.5	731.0	728.8	726.6
32.5°	512.6	531.7	550.9	570.0	589.1	606.7	623.7	625.1	625.9	620.0	613.4
35°	497.2	509.7	522.2	534.7	547.2	558.2	568.5	567.0	565.6	559.7	553.8
37.5°	483.2	495.7	508.9	521.4	533.9	553.1	571.4	567.8	563.4	557.5	551.6
40°	481.0	495.0	508.9	522.2	536.1	553.8	571.4	567.8	564.1	556.7	549.4
42.5°	475.8	489.8	503.1	517.0	530.3	551.6	572.2	565.6	558.2	552.3	546.4
45°	462.6	475.1	487.6	500.1	512.6	535.4	558.2	550.1	542.0	539.8	536.9
47.5°	444.9	457.5	470.0	482.5	495.0	517.8	539.8	533.2	525.8	525.1	523.6
50°	425.8	437.6	450.1	461.9	473.6	496.4	518.5	512.6	506.7	507.5	507.5
52.5°	408.2	419.2	429.5	440.5	450.8	473.6	495.7	491.3	486.1	487.6	488.3
55°	391.3	400.1	408.9	417.7	426.6	448.6	470.7	464.1	457.5	459.7	461.9
57.5°	372.9	380.2	387.6	394.2	401.6	423.6	444.9	437.6	429.5	433.2	436.1
60°	352.3	358.9	365.5	371.4	378.0	397.9	417.0	410.4	403.0	408.2	412.6
62.5°	331.0	336.1	341.3	346.4	351.5	369.9	388.3	383.2	378.0	383.9	389.1
65°	308.9	312.6	317.0	320.7	324.3	342.0	358.9	355.2	351.5	356.7	361.8
67.5°	284.6	287.6	291.2	294.2	297.1	313.3	329.5	325.8	321.4	325.8	329.5
70°	258.1	261.1	263.3	266.2	268.4	283.1	297.9	292.7	286.8	291.2	294.9
72.5°	231.7	233.1	235.3	236.8	238.3	249.3	260.4	255.9	251.5	255.9	259.6
75°	200.0	201.5	203.0	204.5	205.9	215.5	224.3	219.2	213.3	217.7	222.1
77.5°	167.7	168.4	169.9	170.6	171.4	178.0	183.9	178.7	172.8	178.0	183.1
80°	130.2	130.9	131.6	131.6	132.4	134.6	136.8	133.1	128.7	135.3	141.9
82.5°	95.6	94.9	94.9	94.1	93.4	93.4	92.7	90.5	87.5	93.4	99.3
85°	55.2	54.4	53.0	52.2	50.7	48.5	46.3	45.6	44.9	50.0	55.2
87.5°	5.9	5.1	3.7	2.9	1.5	0.7	0.0	0.0	0.0	2.9	6.6
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: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1630.5	1618.7	1607.7	1596.7	1585.6	1574.6	1595.2	1615.8	1636.4	1657.0	1675.4
5°	1721.7	1718.0	1708.5	1699.6	1690.1	1680.5	1685.7	1691.5	1696.7	1701.8	1712.9
7.5°	1453.3	1448.8	1469.4	1489.3	1509.9	1529.7	1534.9	1539.3	1544.5	1548.9	1545.9
10°	1317.2	1354.7	1364.3	1373.1	1382.7	1391.5	1406.2	1420.9	1434.9	1449.6	1457.7
12.5°	1206.9	1227.5	1261.3	1295.9	1329.7	1363.5	1385.6	1407.7	1429.7	1451.8	1497.4
15°	1071.6	1088.5	1114.2	1140.0	1165.7	1191.4	1223.1	1255.4	1287.0	1318.7	1368.7
17.5°	860.5	867.8	887.0	906.1	924.5	943.6	986.2	1028.2	1070.8	1112.7	1170.1
20°	722.2	714.1	714.1	714.9	714.9	714.9	757.5	799.4	842.1	884.0	959.8
22.5°	677.4	675.1	667.1	658.2	650.1	641.3	663.4	686.2	708.2	730.3	792.1
25°	661.9	653.8	643.5	633.2	622.9	612.6	626.6	640.6	654.6	668.5	717.1
27.5°	669.3	662.6	667.8	672.2	677.4	681.8	686.2	690.6	695.0	699.4	716.3
30°	724.4	722.2	730.3	737.7	745.8	753.1	742.8	733.2	723.0	712.7	718.5
32.5°	607.5	600.9	597.9	595.0	592.0	589.1	588.4	587.6	586.2	585.4	598.7
35°	547.9	542.0	537.6	533.2	528.1	523.6	525.8	527.3	529.5	531.0	545.7
37.5°	545.7	539.8	534.7	529.5	523.6	518.5	520.7	523.6	525.8	528.1	539.1
40°	542.0	534.7	531.7	528.8	525.8	522.9	524.4	525.8	526.6	528.1	536.1
42.5°	539.8	533.9	532.5	531.0	529.5	528.1	529.5	531.0	531.7	533.2	542.8
45°	534.7	531.7	533.2	534.7	536.1	537.6	537.6	537.6	537.6	537.6	547.9
47.5°	522.9	521.4	525.8	530.3	534.7	539.1	546.4	553.8	560.4	567.8	570.0
50°	508.2	508.2	515.6	522.9	529.5	536.9	554.5	571.4	589.1	606.0	595.0
52.5°	489.8	490.5	501.6	511.9	522.9	533.2	549.4	565.6	581.0	597.2	581.0
55°	463.3	465.5	479.5	492.8	506.7	520.0	532.5	545.0	557.5	570.0	553.1
57.5°	439.8	442.7	457.5	471.4	486.1	500.1	507.5	515.6	522.9	530.3	519.2
60°	417.7	422.2	441.3	460.4	478.8	497.9	492.0	486.1	479.5	473.6	472.9
62.5°	394.9	400.1	417.7	435.4	452.3	470.0	461.1	452.3	442.7	433.9	437.6
65°	366.3	371.4	379.5	387.6	394.9	403.0	402.3	402.3	401.6	400.8	408.2
67.5°	333.9	337.6	342.7	347.1	352.3	356.7	359.6	363.3	366.3	369.2	378.0
70°	299.3	303.0	308.2	312.6	317.7	322.1	325.8	329.5	332.4	336.1	344.9
72.5°	264.0	267.7	272.9	278.0	282.4	287.6	290.5	293.4	295.7	298.6	305.9
75°	226.5	230.9	236.1	240.5	245.6	250.1	252.3	254.5	256.7	258.9	265.5
77.5°	188.3	193.4	198.6	203.7	208.9	214.0	214.8	215.5	216.2	217.0	222.8
80°	147.8	154.4	159.6	164.7	169.9	175.0	175.0	175.0	175.0	175.0	178.0
82.5°	105.2	111.1	116.9	122.1	128.0	133.1	133.1	132.4	132.4	131.6	131.6
85°	60.3	65.5	69.1	73.5	77.2	80.9	80.9	80.9	80.2	80.2	78.7
87.5°	9.6	12.5	14.0	16.2	17.7	19.1	18.4	18.4	17.7	16.9	14.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1693.8	1712.1	1730.5	1727.6	1724.6	1721.7	1718.8	1729.8	1740.1	1751.1	1761.4
5°	1723.2	1734.2	1744.5	1752.6	1760.7	1768.8	1776.9	1814.4	1851.1	1888.6	1925.4
7.5°	1543.0	1539.3	1536.4	1570.9	1606.2	1640.8	1675.4	1723.2	1771.0	1818.8	1866.6
10°	1465.8	1473.8	1481.9	1495.9	1510.6	1524.6	1538.6	1585.6	1632.7	1679.8	1726.8
12.5°	1542.2	1587.8	1632.7	1643.7	1655.5	1666.5	1677.6	1687.1	1696.7	1705.5	1715.1
15°	1418.7	1468.7	1518.7	1547.4	1576.1	1604.0	1632.7	1704.8	1776.1	1848.2	1919.5
17.5°	1226.7	1284.1	1340.7	1411.3	1481.9	1552.5	1623.1	1689.3	1755.5	1821.0	1887.2
20°	1035.5	1110.5	1186.3	1263.5	1340.0	1417.2	1493.7	1558.4	1623.1	1687.1	1751.9
22.5°	853.1	914.9	975.9	1070.1	1163.5	1257.6	1351.0	1471.6	1591.5	1712.1	1832.0
25°	764.9	813.4	861.2	958.3	1055.4	1151.7	1248.8	1405.5	1561.4	1718.0	1873.9
27.5°	734.0	750.9	767.8	856.1	943.6	1031.8	1119.4	1288.5	1457.7	1626.1	1795.2
30°	724.4	730.3	736.2	805.3	874.5	943.6	1012.7	1179.7	1347.4	1514.3	1681.2
32.5°	611.2	624.4	636.9	704.6	771.5	839.2	906.1	1074.5	1242.2	1410.6	1578.3
35°	560.4	575.1	589.8	656.0	722.2	787.7	853.9	1031.1	1209.1	1386.3	1563.6
37.5°	550.1	561.2	572.2	647.2	722.2	797.2	872.2	1051.7	1231.1	1410.6	1590.1
40°	545.0	553.1	561.2	634.0	707.5	780.3	853.1	1041.4	1228.9	1417.2	1604.8
42.5°	551.6	561.2	570.0	636.2	701.6	767.8	833.3	1028.2	1222.3	1417.2	1611.4
45°	557.5	567.8	577.3	639.1	700.9	762.7	824.4	1032.6	1240.0	1448.1	1655.5
47.5°	571.4	573.7	575.1	628.8	681.8	735.5	788.4	1000.2	1212.0	1423.1	1634.9
50°	583.2	572.2	560.4	616.3	671.5	727.4	782.5	983.3	1184.1	1384.1	1584.9
52.5°	564.8	547.9	531.7	592.0	652.3	711.9	772.2	973.0	1174.5	1375.3	1576.1
55°	536.9	520.0	503.1	564.1	625.1	686.2	747.2	947.3	1148.0	1348.1	1548.1
57.5°	508.9	497.9	486.9	536.9	587.6	637.6	687.6	904.6	1120.8	1337.8	1554.0
60°	472.2	470.7	470.0	508.9	548.6	587.6	626.6	839.2	1051.0	1263.5	1475.3
62.5°	440.5	444.2	447.2	478.8	510.4	541.3	572.9	778.1	984.0	1189.2	1394.4
65°	416.3	423.6	431.0	467.0	503.1	538.4	574.4	746.5	918.6	1090.7	1262.8
67.5°	386.8	395.7	404.5	451.6	498.6	545.7	592.8	734.7	876.7	1018.6	1160.5
70°	353.0	361.8	369.9	430.2	489.8	550.1	609.7	735.5	862.0	987.7	1113.5
72.5°	313.3	320.7	328.0	392.7	457.5	522.2	586.9	693.5	800.2	906.1	1012.7
75°	272.9	279.5	286.1	342.0	397.9	453.8	509.7	592.0	673.7	756.0	837.7
77.5°	228.0	233.9	239.0	276.5	314.0	351.5	389.1	452.3	514.8	578.1	640.6
80°	180.9	183.9	186.8	208.9	230.2	252.3	273.6	315.5	357.4	398.6	440.5
82.5°	132.4	132.4	132.4	146.4	161.1	175.0	189.0	210.3	230.9	252.3	272.9
85°	77.2	75.0	73.5	83.1	92.7	102.2	111.8	120.6	129.4	138.3	147.1
87.5°	12.5	9.6	7.4	13.2	19.1	25.0	30.9	33.8	37.5	40.4	43.4
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: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1736.4	1712.1	1687.1	1662.1	1698.9	1735.7	1772.4	1809.2	1907.0	1965.1	1968.8
5°	1956.3	1987.2	2018.1	2049.0	2079.9	2110.8	2140.9	2171.8	2330.7	2428.5	2446.9
7.5°	1917.3	1968.8	2019.6	2070.3	2157.8	2245.3	2332.9	2420.4	2555.0	2652.0	2716.0
10°	1790.1	1853.3	1916.6	1979.8	2083.5	2188.0	2291.7	2395.4	2538.1	2666.0	2727.1
12.5°	1815.8	1916.6	2016.6	2117.4	2207.1	2297.6	2387.3	2477.0	2575.6	2624.1	2735.2
15°	1989.4	2059.3	2129.1	2199.0	2334.3	2468.9	2604.2	2738.8	2794.7	2905.8	3005.8
17.5°	2015.9	2143.8	2272.6	2400.5	2566.0	2731.5	2897.0	3062.4	3166.1	3309.5	3430.2
20°	1933.5	2114.4	2296.1	2477.0	2690.3	2904.3	3117.6	3330.9	3462.5	3583.1	3769.9
22.5°	2032.1	2232.1	2431.4	2631.5	2914.6	3197.0	3480.2	3762.6	4037.6	4306.8	4433.3
25°	2140.9	2408.6	2675.6	2942.6	3296.3	3649.3	4003.1	4356.1	4709.8	4962.1	5107.7
27.5°	2064.4	2332.9	2602.0	2870.5	3308.1	3746.4	4184.0	4621.6	5000.4	5304.1	5429.1
30°	2010.7	2340.2	2669.7	2999.2	3512.5	4025.9	4539.2	5052.6	5402.6	5741.7	5925.6
32.5°	2001.2	2424.1	2846.2	3269.1	3867.0	4464.2	5062.1	5659.3	5891.7	6192.5	6440.4
35°	2027.6	2492.5	2956.5	3420.6	4106.0	4791.5	5476.2	6161.6	6491.9	6789.7	7006.7
37.5°	2108.5	2627.0	3144.8	3663.3	4489.2	5315.9	6141.8	6967.7	7521.5	8066.5	8163.5
40°	2154.1	2704.3	3253.6	3803.0	4763.5	5724.0	6684.5	7645.0	8281.9	8879.9	8920.3
42.5°	2207.8	2804.3	3400.0	3996.5	5061.4	6127.1	7192.0	8256.9	9045.3	9688.1	9707.3
45°	2269.6	2883.0	3497.1	4110.5	5222.5	6333.7	7445.7	8557.0	9510.2	10291.2	10100.7
47.5°	2293.9	2953.6	3612.5	4271.5	5457.1	6641.9	7827.4	9012.3	9867.6	10578.0	10395.6
50°	2303.4	3022.7	3741.3	4459.8	5688.0	6916.9	8145.2	9373.4	10243.4	10936.2	10656.7
52.5°	2363.0	3149.9	3936.9	4723.8	6003.5	7283.2	8562.9	9842.6	10698.6	11364.2	11017.1
55°	2443.2	3338.2	4232.5	5127.6	6452.1	7776.0	9100.5	10424.3	11283.3	11902.6	11472.3
57.5°	2517.5	3481.6	4445.1	5408.5	6780.9	8154.0	9526.3	10898.7	11768.7	12381.4	11964.4
60°	2481.4	3487.5	4493.6	5499.7	6848.5	8196.6	9545.5	10893.5	11881.3	12616.0	12402.7
62.5°	2372.6	3350.7	4328.1	5306.3	6586.7	7866.4	9146.8	10426.5	11582.7	12524.8	12515.2
65°	2163.0	3063.2	3962.6	4862.8	6047.6	7233.2	8418.0	9602.8	10965.6	12110.0	12184.3
67.5°	1907.8	2655.0	3402.2	4149.4	5265.1	6380.8	7496.5	8612.2	10069.1	11331.9	11395.9
70°	1660.7	2208.6	2755.7	3302.9	4282.5	5262.2	6241.1	7220.7	8692.3	9969.8	10028.6
72.5°	1370.9	1729.1	2086.5	2444.6	3238.2	4031.8	4824.6	5618.1	6910.3	7892.9	8224.6
75°	1050.2	1262.8	1475.3	1687.9	2329.9	2972.0	3613.3	4255.3	5114.3	5839.5	6213.1
77.5°	750.9	861.2	971.5	1081.9	1627.6	2173.3	2718.2	3263.9	3715.5	4126.6	4378.9
80°	492.8	544.2	596.5	647.9	1101.7	1555.5	2008.5	2462.3	2737.4	2958.0	3085.2
82.5°	298.6	324.3	349.3	375.1	742.8	1110.5	1477.5	1845.3	2002.6	2107.8	2221.1
85°	161.1	175.0	189.0	203.0	439.1	674.4	910.5	1145.8	1161.3	1173.8	1342.2
87.5°	47.1	51.5	55.2	58.8	97.1	136.1	174.3	212.5	132.4	82.4	169.2
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: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1947.5	1937.9	1928.4	1918.1	1908.5	1868.1	1828.3	1787.9	1747.4	1786.4	1824.7
5°	2425.5	2454.9	2483.6	2513.0	2542.5	2544.7	2546.1	2548.3	2549.8	2557.2	2564.5
7.5°	2769.7	2821.9	2873.4	2925.6	2977.9	3018.3	3058.8	3099.9	3140.4	3103.6	3066.8
10°	2799.1	2909.5	3019.8	3130.1	3240.4	3260.3	3279.4	3299.2	3319.1	3345.6	3371.3
12.5°	2828.6	2963.1	3097.0	3231.6	3366.2	3425.0	3483.1	3541.9	3600.0	3628.7	3656.7
15°	3139.7	3219.1	3297.8	3377.2	3455.9	3496.3	3536.1	3576.5	3617.0	3641.2	3664.8
17.5°	3539.7	3569.2	3597.8	3627.3	3656.7	3683.9	3711.1	3738.3	3765.5	3769.9	3774.3
20°	3904.5	3910.4	3915.6	3921.4	3926.6	3869.2	3812.6	3755.2	3697.9	3708.2	3717.7
22.5°	4451.7	4419.3	4387.7	4355.4	4323.7	4215.6	4108.2	4000.1	3892.8	3846.4	3800.8
25°	5275.4	5193.0	5110.7	5028.3	4945.9	4773.8	4602.5	4430.4	4259.0	4158.3	4058.2
27.5°	5540.9	5361.5	5182.7	5003.3	4823.8	4693.7	4564.2	4434.1	4304.6	4145.0	3985.4
30°	6077.8	5794.6	5512.2	5229.1	4945.9	4820.2	4694.4	4567.9	4442.1	4278.9	4116.3
32.5°	6553.6	6259.4	5965.3	5670.3	5376.2	5137.9	4899.6	4661.3	4423.0	4312.7	4202.4
35°	7104.5	6734.6	6364.6	5994.7	5624.8	5420.3	5216.6	5012.1	4808.4	4641.4	4475.2
37.5°	7906.9	7513.4	7119.9	6725.7	6332.3	6055.7	5779.9	5503.4	5227.6	5135.7	5044.5
40°	8671.7	8206.9	7742.9	7278.1	6814.0	6602.2	6390.4	6177.8	5966.0	5810.8	5655.6
42.5°	9312.3	8852.7	8393.7	7934.1	7475.2	7320.7	7167.0	7012.6	6858.8	6730.9	6602.9
45°	9532.2	9157.1	8782.8	8407.7	8032.6	7978.2	7924.5	7870.1	7816.4	7721.5	7626.7
47.5°	9886.0	9503.5	9121.8	8739.4	8357.0	8376.8	8396.7	8417.3	8437.1	8442.3	8446.7
50°	10094.1	9730.8	9368.2	9004.9	8642.3	8738.7	8834.3	8930.6	9027.0	9245.4	9463.1
52.5°	10397.8	10041.2	9685.2	9328.5	8971.8	9135.1	9297.6	9460.9	9623.4	9929.4	10235.3
55°	10778.8	10437.6	10097.0	9755.8	9415.3	9574.1	9732.3	9891.1	10049.2	10389.8	10730.3
57.5°	11284.1	10918.5	10553.8	10188.2	9823.5	9969.8	10115.4	10261.8	10407.4	10731.0	11054.6
60°	11859.2	11462.0	11064.9	10667.0	10269.9	10310.3	10350.0	10390.5	10430.2	10781.0	11131.1
62.5°	12141.6	11773.9	11406.9	11039.2	10671.4	10558.9	10446.4	10333.1	10220.6	10534.6	10847.9
65°	11896.7	11643.7	11391.4	11138.4	10885.5	10686.9	10489.0	10290.5	10091.9	10288.3	10483.9
67.5°	11117.1	10973.7	10831.0	10687.6	10544.2	10211.0	9877.9	9544.0	9210.8	9224.1	9236.6
70°	9853.6	9815.4	9777.9	9739.6	9701.4	9200.5	8700.4	8199.6	7698.7	7622.2	7545.8
72.5°	8252.5	8277.5	8301.8	8326.8	8351.8	7813.5	7275.1	6736.8	6198.4	6071.2	5943.9
75°	6391.8	6530.1	6668.4	6807.4	6945.6	6430.8	5916.0	5400.4	4885.6	4729.0	4572.3
77.5°	4516.4	4774.6	5032.0	5290.1	5548.3	5082.7	4617.9	4152.4	3686.8	3585.3	3483.8
80°	3149.2	3275.7	3402.2	3528.7	3655.2	3421.3	3187.5	2953.6	2719.7	2747.7	2774.9
82.5°	2293.9	2323.3	2352.0	2381.4	2410.8	2315.2	2219.6	2123.3	2027.6	2100.5	2173.3
85°	1469.4	1574.6	1679.0	1784.2	1888.6	1782.7	1676.8	1570.2	1464.3	1512.8	1561.4
87.5°	328.7	520.0	711.2	903.1	1094.4	991.4	889.2	786.2	683.2	636.9	591.3
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: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1863.6	1902.6	1890.9	1879.8	1868.1	1856.3	1877.6	1898.9	1921.0	1942.3	1935.0
5°	2572.6	2580.0	2510.1	2441.0	2371.1	2301.2	2344.6	2388.0	2431.4	2474.8	2459.4
7.5°	3030.1	2993.3	2952.8	2912.4	2871.2	2830.8	2821.9	2813.1	2803.5	2794.7	2783.0
10°	3397.8	3423.5	3397.1	3371.3	3344.8	3318.4	3256.6	3194.8	3132.3	3070.5	3044.8
12.5°	3685.4	3714.0	3720.7	3726.5	3733.2	3739.8	3670.6	3602.3	3533.1	3464.0	3401.5
15°	3689.0	3713.3	3734.6	3755.2	3776.6	3797.1	3754.5	3712.6	3669.9	3627.3	3607.4
17.5°	3779.5	3783.9	3766.3	3749.3	3731.7	3714.8	3697.9	3681.7	3664.8	3648.6	3617.0
20°	3728.0	3738.3	3736.1	3733.9	3731.0	3728.8	3730.2	3731.0	3732.4	3733.2	3715.5
22.5°	3754.5	3708.2	3717.7	3726.5	3736.1	3744.9	3771.4	3797.9	3825.1	3851.6	3922.2
25°	3957.5	3856.7	3841.3	3826.6	3811.1	3796.4	3865.5	3933.9	4003.1	4072.2	4186.9
27.5°	3825.1	3665.5	3630.2	3594.9	3559.6	3524.3	3629.5	3733.9	3839.1	3944.2	4061.2
30°	3953.1	3790.5	3712.6	3634.6	3555.9	3478.0	3578.7	3678.7	3779.5	3879.5	4009.0
32.5°	4092.1	3981.7	3929.5	3878.0	3825.8	3774.3	3782.4	3790.5	3798.6	3806.7	3989.1
35°	4308.3	4141.3	4089.9	4038.4	3986.9	3935.4	4021.5	4106.8	4192.8	4278.1	4432.6
37.5°	4952.5	4860.6	4767.9	4675.3	4581.9	4489.2	4540.0	4590.7	4641.4	4692.2	4837.8
40°	5500.5	5345.3	5329.8	5315.1	5299.7	5284.2	5288.6	5292.3	5296.7	5301.2	5425.4
42.5°	6474.2	6346.2	6267.5	6188.8	6110.1	6031.5	6026.3	6021.2	6015.3	6010.1	6103.5
45°	7531.0	7436.2	7377.3	7318.5	7258.9	7200.1	7106.7	7013.3	6919.1	6825.7	6907.4
47.5°	8451.8	8457.0	8563.6	8669.5	8776.2	8882.8	8723.2	8563.6	8404.0	8244.4	8139.3
50°	9681.5	9899.2	9924.9	9950.0	9975.7	10001.4	9730.8	9460.9	9190.2	8919.6	8809.3
52.5°	10542.0	10847.9	10808.2	10769.2	10729.5	10689.8	10533.2	10377.3	10220.6	10063.9	9823.5
55°	11071.5	11412.0	11381.9	11352.5	11322.3	11292.2	11178.2	11064.2	10950.2	10836.2	10572.1
57.5°	11378.2	11701.8	11710.6	11719.5	11728.3	11737.1	11707.0	11676.8	11646.6	11616.5	11273.0
60°	11481.9	11832.7	11836.4	11839.3	11843.0	11846.0	11798.1	11750.3	11701.8	11654.0	11429.7
62.5°	11162.0	11475.3	11489.3	11502.5	11516.5	11530.4	11497.3	11464.3	11431.2	11398.1	11231.8
65°	10680.3	10876.6	10880.3	10883.2	10886.9	10890.6	10806.8	10723.7	10639.8	10556.0	10516.3
67.5°	9249.8	9263.0	9341.0	9419.0	9496.9	9574.9	9581.5	9588.1	9595.5	9602.1	9544.7
70°	7469.3	7392.8	7477.4	7561.9	7646.5	7731.1	7767.1	7803.2	7839.9	7876.0	7902.5
72.5°	5816.0	5688.7	5751.2	5813.8	5877.0	5939.5	5885.8	5832.1	5778.5	5724.8	5894.7
75°	4415.7	4259.0	4250.9	4243.6	4235.5	4228.1	4200.9	4173.7	4145.8	4118.5	4277.4
77.5°	3381.6	3280.1	3285.3	3289.7	3294.8	3299.2	3271.3	3244.1	3216.1	3188.2	3249.2
80°	2802.8	2830.0	2830.8	2831.5	2832.2	2833.0	2806.5	2780.8	2754.3	2727.8	2683.7
82.5°	2246.8	2319.6	2318.9	2318.9	2318.2	2317.4	2315.9	2314.5	2312.3	2310.8	2238.7
85°	1609.9	1658.4	1608.4	1558.4	1508.4	1458.4	1495.2	1532.0	1569.5	1606.2	1576.1
87.5°	545.0	499.4	439.8	381.0	321.4	261.8	325.8	389.8	454.5	518.5	555.3
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: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
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: P596444

CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1	1598.1
2.5°	1928.4	1921.0	1914.4	1868.1	1821.0	1774.6	1727.6	1812.9	1898.9	1984.3	2069.6
5°	2444.6	2429.2	2414.5	2410.8	2407.1	2402.7	2399.1	2442.4	2485.8	2528.5	2571.9
7.5°	2771.2	2759.4	2747.7	2716.8	2686.6	2655.7	2624.8	2651.3	2677.1	2703.5	2729.3
10°	3019.8	2994.0	2968.3	2901.4	2835.2	2768.2	2701.3	2681.5	2661.6	2641.7	2621.9
12.5°	3339.0	3275.7	3213.2	3137.4	3061.0	2985.2	2908.7	2898.4	2888.1	2878.6	2868.3
15°	3588.3	3568.4	3548.6	3488.3	3428.0	3367.6	3307.3	3226.4	3144.8	3063.9	2983.0
17.5°	3586.1	3554.4	3523.6	3604.5	3684.6	3765.5	3845.7	3759.6	3672.9	3586.8	3500.8
20°	3697.9	3679.5	3661.8	3811.1	3959.7	4109.0	4257.5	4210.5	4162.7	4115.6	4067.8
22.5°	3992.0	4062.6	4132.5	4260.5	4387.7	4515.7	4642.9	4696.6	4750.3	4804.0	4857.7
25°	4300.9	4415.7	4530.4	4720.9	4910.6	5101.1	5291.6	5329.8	5368.1	5406.3	5444.6
27.5°	4177.4	4294.3	4411.3	4555.4	4698.8	4843.0	4986.4	5154.1	5322.5	5490.2	5657.8
30°	4137.7	4267.1	4395.8	4593.6	4790.7	4988.6	5186.4	5417.4	5648.3	5878.5	6109.4
32.5°	4170.8	4353.2	4535.5	4803.2	5070.2	5337.9	5605.6	5848.3	6091.8	6334.5	6577.2
35°	4586.3	4740.7	4894.4	5193.8	5493.1	5792.4	6091.8	6376.4	6661.0	6944.9	7229.5
37.5°	4982.7	5128.3	5273.9	5579.9	5885.1	6191.0	6497.0	6946.4	7396.5	7845.8	8295.2
40°	5549.0	5673.3	5796.8	6058.7	6320.5	6582.3	6844.1	7386.2	7928.2	8470.2	9012.3
42.5°	6196.2	6289.6	6382.3	6653.7	6925.0	7196.4	7467.8	8057.6	8648.2	9238.0	9827.9
45°	6988.3	7069.9	7151.6	7338.4	7525.2	7712.7	7899.5	8507.7	9115.9	9724.2	10332.4
47.5°	8034.1	7928.9	7823.8	7915.7	8007.6	8099.6	8191.5	8793.1	9394.7	9995.6	10597.2
50°	8698.9	8588.6	8478.3	8486.4	8493.8	8501.8	8509.9	9071.1	9632.2	10192.7	10753.8
52.5°	9583.0	9341.7	9101.2	9099.0	9096.8	9093.9	9091.7	9580.8	10070.6	10559.6	11048.7
55°	10308.1	10044.1	9780.1	9728.6	9677.1	9624.9	9573.4	10057.3	10540.5	11024.5	11507.6
57.5°	10929.6	10585.4	10241.9	10161.0	10080.1	9999.2	9918.3	10439.8	10961.9	11483.4	12004.8
60°	11206.1	10981.8	10758.2	10658.9	10559.6	10460.4	10361.1	10805.3	11249.5	11693.0	12137.2
62.5°	11066.4	10900.2	10734.7	10757.5	10780.3	10803.1	10825.9	11079.6	11334.1	11587.8	11841.5
65°	10477.3	10437.6	10398.6	10582.4	10766.3	10950.2	11134.0	11137.7	11141.4	11145.1	11148.7
67.5°	9487.4	9430.0	9372.6	9755.1	10136.8	10519.2	10901.6	10720.0	10538.3	10357.4	10175.7
70°	7928.2	7954.7	7980.4	8501.1	9021.1	9541.8	10062.5	9799.2	9535.2	9271.9	9007.8
72.5°	6064.6	6235.2	6405.1	6944.9	7484.7	8024.5	8564.4	8263.6	7962.0	7661.2	7359.7
75°	4436.3	4595.1	4754.0	5287.2	5820.4	6354.3	6887.5	6530.1	6172.7	5816.0	5458.5
77.5°	3310.3	3372.1	3433.1	3876.6	4319.3	4762.8	5205.5	4846.6	4487.7	4129.6	3770.7
80°	2640.3	2596.2	2552.8	2798.4	3044.0	3289.7	3535.3	3280.9	3025.7	2771.2	2516.7
82.5°	2167.4	2095.3	2024.0	2115.2	2206.4	2298.3	2389.5	2185.8	1982.0	1778.3	1574.6
85°	1545.9	1515.8	1485.6	1512.1	1537.8	1564.3	1590.8	1392.2	1193.6	995.8	797.2
87.5°	591.3	628.1	664.9	706.8	748.0	789.9	831.1	650.9	470.7	291.2	111.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
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: P596444  
 CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1598.1	1598.1
2.5°	2104.9	2140.2
5°	2571.1	2570.4
7.5°	2717.5	2705.0
10°	2589.5	2557.2
12.5°	2772.7	2676.3
15°	2887.4	2791.0
17.5°	3355.9	3210.3
20°	3895.0	3721.4
22.5°	4593.6	4329.6
25°	5129.1	4812.8
27.5°	5470.3	5282.0
30°	5893.9	5678.4
32.5°	6418.3	6258.7
35°	7083.9	6937.5
37.5°	8249.6	8203.3
40°	8957.1	8901.2
42.5°	9830.1	9831.5
45°	10365.5	10398.6
47.5°	10681.0	10764.1
50°	10932.5	11110.5
52.5°	11292.2	11535.6
55°	11831.2	12154.1
57.5°	12279.9	12554.9
60°	12279.9	12421.8
62.5°	11837.9	11833.5
65°	11080.3	11011.2
67.5°	10089.0	10002.2
70°	8872.5	8736.5
72.5°	7191.3	7022.1
75°	5226.9	4994.5
77.5°	3660.4	3549.3
80°	2570.4	2624.1
82.5°	1651.1	1727.6
85°	785.5	773.7
87.5°	92.7	74.3
90°	0.0	0.0
92.5°	0.0	0.0
95°	0.0	0.0
97.5°	0.0	0.0
100°	0.0	0.0
102.5°	0.0	0.0
105°	0.0	0.0
107.5°	0.0	0.0
110°	0.0	0.0



REPORT NUMBER: P596444  
CATALOG NUMBER: MSA-SA4C-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

(END OF REPORT)