

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: P368460

Luminaire Tested: **MSA-SA4C-727-U-SLR**

Issue Date: 12/2/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P368460  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 12/2/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA4C-727-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: 17238 lumens  
Efficiency: N/A  
Efficacy: 76.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

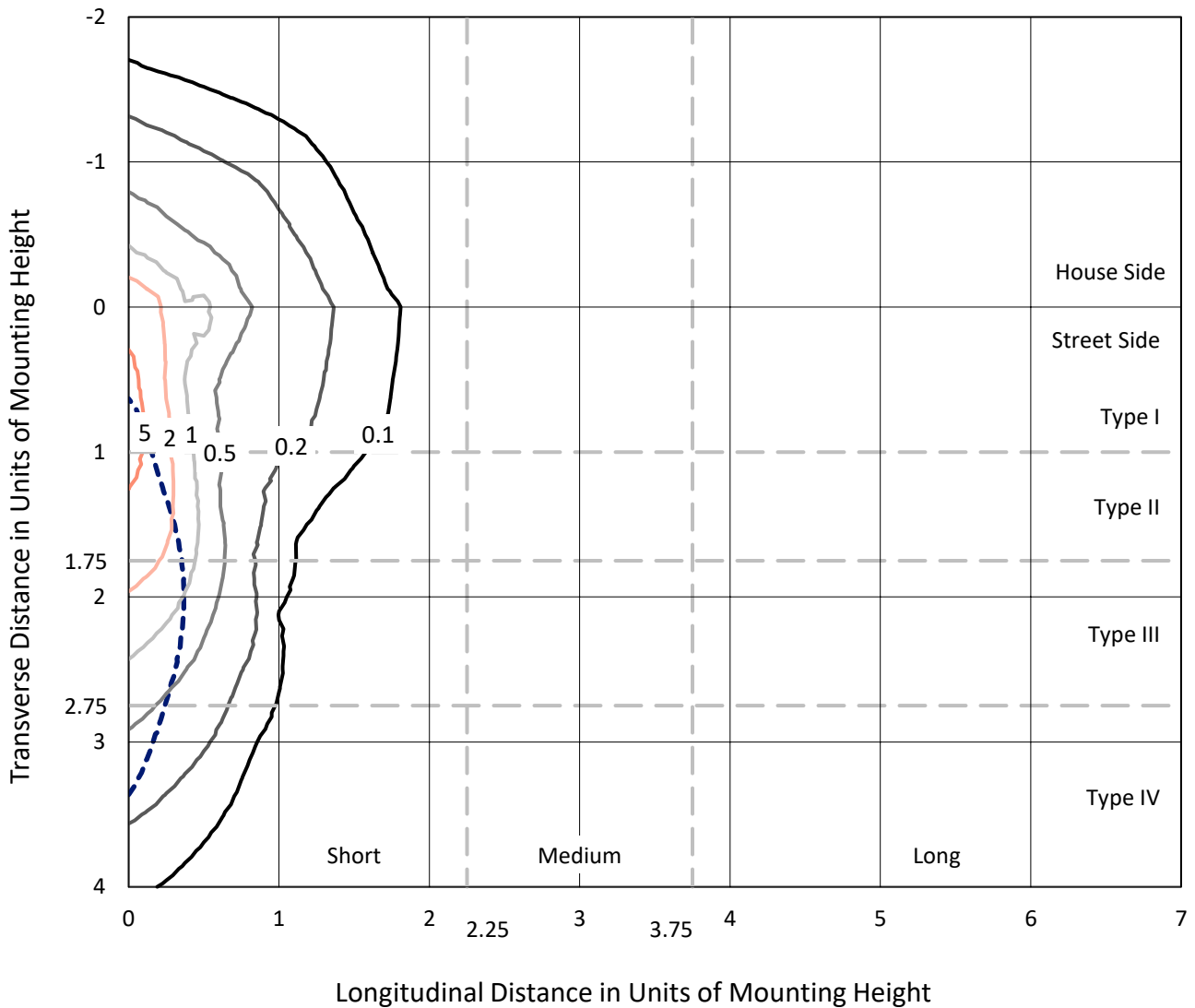
Input Watts (W): 225  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P368460  
 CATALOG NUMBER: MSA-SA4C-727-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

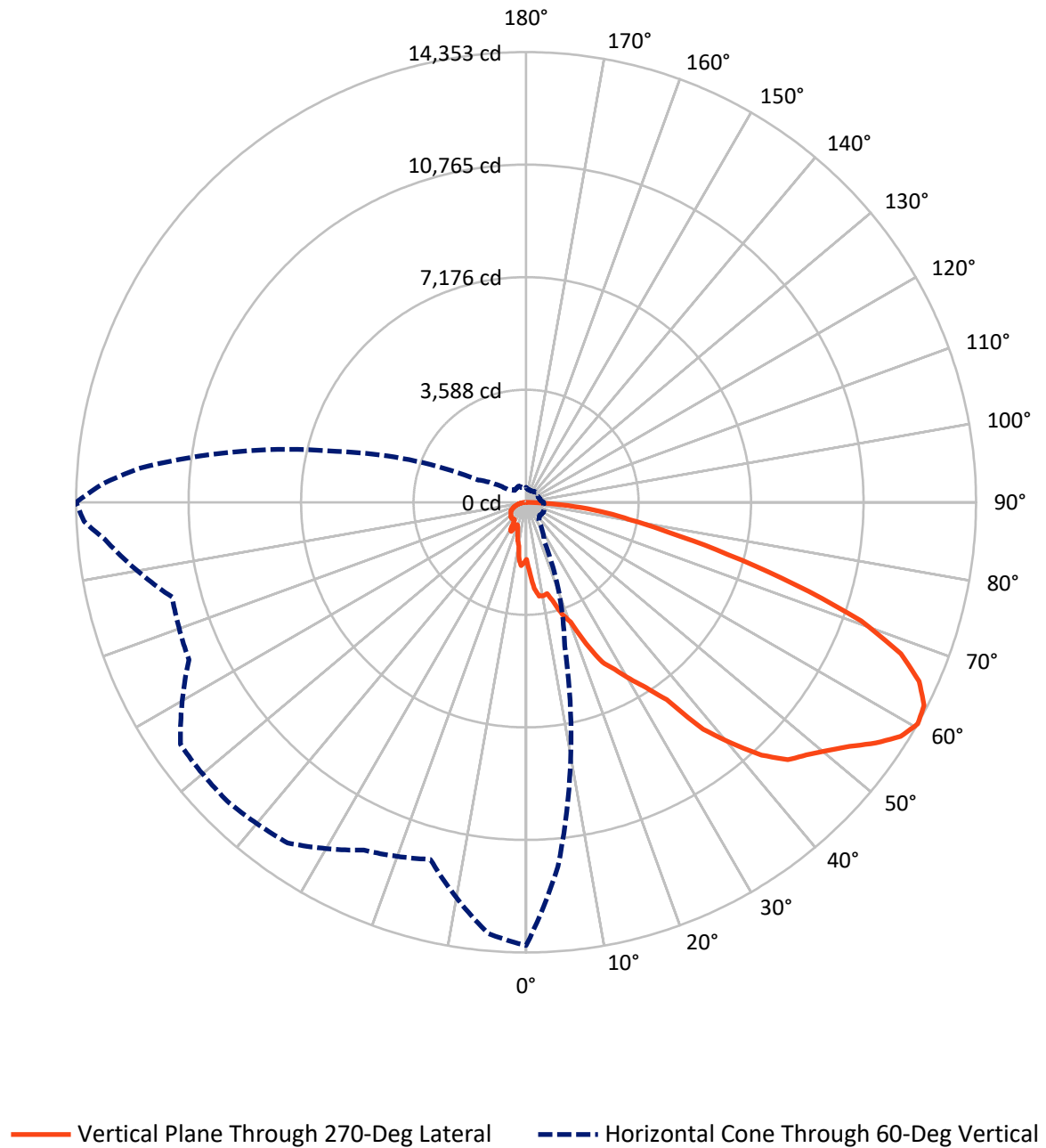
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.3 fc  
 Type IV - Short - N/A

REPORT NUMBER: P368460  
CATALOG NUMBER: MSA-SA4C-727-U-SLR

### Luminous Intensity Polar Plot



REPORT NUMBER: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

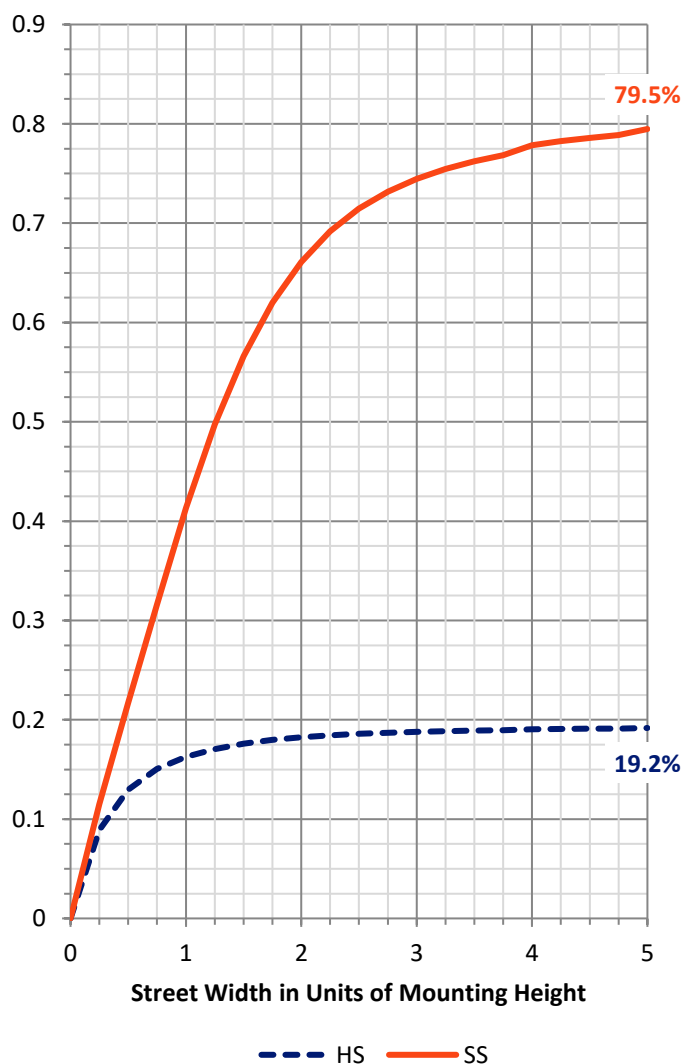
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3338.6	0.0	3338.6
	% Fixture	19.4	0.0	19.4
<b>Street Side</b>	Lumens	13899.4	0.0	13899.4
	% Fixture	80.6	0.0	80.6
<b>Total</b>	Lumens	17238.0	0.0	17238.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	208.4	1.2
10°-20°	605.7	3.5
20°-30°	1069.3	6.2
30°-40°	1665.3	9.7
40°-50°	2741.7	15.9
50°-60°	3913.3	22.7
60°-70°	4149.5	24.1
70°-80°	2291.9	13.3
80°-90°	593.0	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°	17238.0	100.0
0°-180°	17238.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P368460

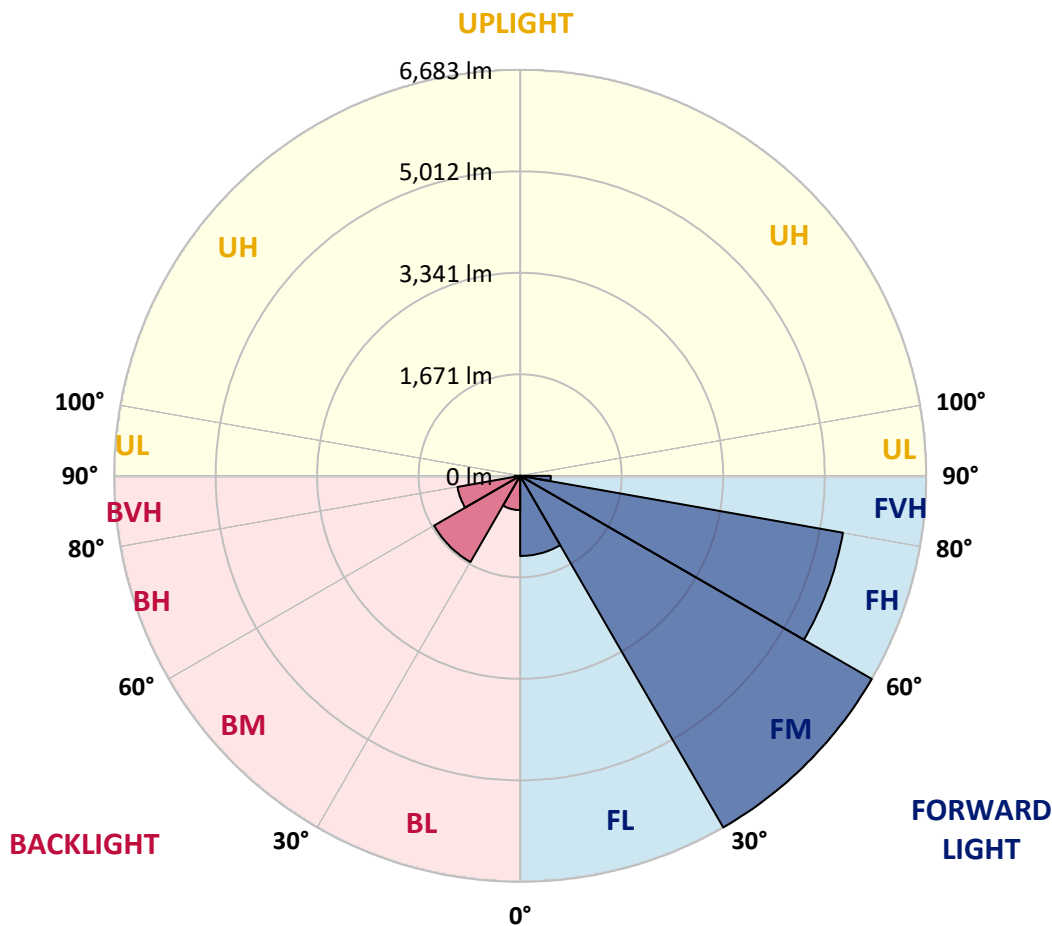
CATALOG NUMBER: MSA-SA4C-727-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1319.0	7.7			
FM (30°-60°)	6682.6	38.8			
FH (60°-80°)	5393.8	31.3			G3/7500
FVH (80°-90°)	504.0	2.9			G4/750
BL (0°-30°)	564.4	3.3	B2/1000		
BM (30°-60°)	1637.7	9.5	B2/2500		
BH (60°-80°)	1047.6	6.1	B3/2500		G3/2500
BVH (80°-90°)	89.0	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**

Type IV Short





REPORT NUMBER: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	2434.8	2449.9	2464.1	2435.6	2407.2	2377.9	2349.5	2306.8	2263.3	2220.6	2177.1
5°	2924.3	2869.1	2813.0	2790.4	2768.7	2746.1	2723.5	2702.6	2681.6	2659.9	2639.0
7.5°	3077.4	2998.8	2919.3	2885.8	2852.3	2818.0	2784.6	2709.3	2633.9	2557.8	2482.5
10°	2909.2	2827.2	2744.4	2711.8	2678.3	2645.7	2612.2	2520.2	2429.0	2336.9	2244.9
12.5°	3044.8	2961.1	2876.6	2772.8	2669.1	2564.5	2460.7	2409.7	2358.7	2306.8	2255.8
15°	3175.3	3062.3	2948.5	2844.8	2741.0	2636.5	2532.7	2430.6	2328.5	2226.5	2124.4
17.5°	3652.2	3464.0	3275.7	3088.3	2900.0	2712.6	2524.3	2406.4	2287.6	2169.6	2050.8
20°	4233.7	3971.8	3709.1	3424.6	3139.3	2854.8	2569.5	2420.6	2272.5	2123.6	1974.6
22.5°	4925.7	4595.2	4264.7	3905.7	3546.8	3187.0	2828.1	2612.2	2396.3	2179.6	1963.7
25°	5475.4	5157.4	4839.5	4384.3	3929.2	3474.0	3018.8	2773.7	2528.5	2282.5	2037.4
27.5°	6009.2	5503.0	4996.0	4474.7	3954.3	3433.0	2911.7	2685.0	2458.2	2231.5	2004.7
30°	6460.2	6058.6	5657.0	4976.7	4296.5	3615.4	2935.2	2656.5	2377.9	2099.3	1820.7
32.5°	7120.4	6547.2	5973.2	5263.7	4554.2	3844.7	3135.1	2778.7	2422.3	2065.8	1709.4
35°	7892.6	7296.9	6701.2	5823.5	4946.6	4068.9	3191.2	2813.8	2435.6	2058.3	1680.1
37.5°	9332.6	8282.5	7231.6	6273.6	5315.6	4356.7	3398.7	2960.3	2521.8	2082.6	1644.1
40°	10126.6	9156.1	8185.5	6991.5	5797.5	4602.7	3408.7	2960.3	2511.0	2062.5	1613.2
42.5°	11185.1	9957.6	8729.3	7438.3	6148.1	4857.1	3566.0	3069.0	2572.0	2074.2	1577.2
45°	11830.2	10462.2	9093.3	7713.6	6333.9	4954.1	3574.4	3069.9	2565.3	2060.8	1556.3
47.5°	12246.0	10932.4	9617.9	8132.8	6647.6	5161.6	3676.5	3141.0	2604.7	2069.2	1532.8
50°	12640.1	11339.0	10037.1	8495.1	6953.9	5411.8	3869.8	3284.9	2700.0	2114.4	1529.5
52.5°	13123.7	11925.6	10726.6	9072.4	7417.4	5763.2	4108.2	3471.5	2834.8	2198.0	1561.3
55°	13827.4	12646.8	11465.4	9689.9	7913.6	6138.1	4361.7	3654.7	2948.5	2241.5	1534.5
57.5°	14283.4	13086.1	11888.7	10078.1	8267.5	6456.0	4645.4	3862.2	3079.1	2295.1	1511.9
60°	14131.9	12897.0	11661.2	9935.0	8208.9	6482.8	4756.7	3910.8	3065.7	2219.8	1373.9
62.5°	13462.6	12149.8	10837.0	9290.8	7745.4	6199.1	4652.9	3792.8	2933.5	2073.4	1213.2
65°	12527.1	11170.0	9812.0	8417.3	7022.5	5627.7	4232.9	3452.2	2670.8	1890.1	1108.6
67.5°	11379.2	9964.3	8548.6	7313.6	6078.7	4842.8	3607.9	2955.2	2303.4	1650.8	998.2
70°	9939.2	8548.6	7158.0	6089.5	5021.1	3952.6	2884.1	2393.0	1902.7	1411.5	920.4
72.5°	7988.9	6789.0	5589.2	4748.3	3907.4	3066.5	2225.6	1884.3	1543.7	1202.3	861.0
75°	5682.1	4976.7	4271.4	3617.1	2962.8	2307.6	1653.3	1432.4	1211.5	990.7	769.8
77.5°	4037.9	3622.1	3206.3	2693.4	2180.5	1667.6	1154.7	1025.0	896.1	766.4	636.7
80°	2985.4	2638.1	2290.9	1904.3	1517.8	1131.2	744.7	681.1	618.3	554.7	491.1
82.5°	1965.4	1809.0	1651.7	1345.4	1039.2	733.0	426.7	403.3	379.9	356.4	333.0
85°	880.2	929.6	978.1	790.7	602.4	415.0	226.7	215.9	205.0	194.1	183.2
87.5°	84.5	124.7	164.8	141.4	117.1	93.7	69.4	68.6	68.6	67.8	66.9
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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-U-SLR

**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





REPORT NUMBER: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	2188.8	2200.5	2212.2	2224.0	2211.4	2198.9	2185.5	2172.9	2157.0	2141.1	2124.4
5°	2603.8	2567.8	2532.7	2496.7	2443.2	2389.6	2335.2	2281.7	2275.0	2267.5	2260.8
7.5°	2416.4	2351.1	2285.0	2218.9	2135.3	2052.4	1968.8	1885.1	1860.0	1834.9	1809.8
10°	2200.5	2155.4	2111.0	2065.8	2013.9	1962.1	1909.4	1857.5	1788.9	1719.4	1650.8
12.5°	2182.1	2108.5	2034.0	1960.4	1928.6	1896.8	1865.0	1833.2	1773.0	1712.7	1651.7
15°	2065.0	2004.7	1945.3	1885.1	1839.1	1793.1	1747.0	1701.0	1652.5	1603.1	1554.6
17.5°	1982.2	1913.5	1844.9	1776.3	1723.6	1670.9	1617.4	1564.6	1506.1	1446.7	1388.1
20°	1896.0	1818.2	1739.5	1660.9	1593.9	1527.8	1460.9	1394.0	1329.5	1265.9	1201.5
22.5°	1860.8	1757.9	1655.0	1552.1	1481.8	1410.7	1340.4	1269.3	1209.9	1150.5	1091.1
25°	1914.4	1792.2	1669.2	1546.2	1451.7	1356.3	1261.8	1166.4	1117.0	1067.6	1017.4
27.5°	1851.6	1697.7	1544.6	1390.6	1289.4	1187.3	1086.0	984.0	976.4	968.9	960.5
30°	1659.2	1497.7	1336.2	1174.7	1081.9	988.1	895.3	801.6	784.0	765.6	748.0
32.5°	1544.6	1379.7	1214.9	1050.1	967.2	883.6	800.7	717.1	697.0	676.9	656.8
35°	1501.0	1322.0	1142.9	963.9	892.8	821.6	750.5	679.4	665.2	651.8	637.6
37.5°	1465.9	1288.5	1110.3	932.1	863.5	794.9	725.4	656.8	645.9	635.1	624.2
40°	1432.4	1252.5	1071.8	891.1	830.0	769.8	708.7	647.6	640.9	634.2	626.7
42.5°	1402.3	1227.4	1051.7	876.9	822.5	768.9	714.5	660.2	653.5	646.8	640.1
45°	1385.6	1214.9	1044.2	873.5	834.2	794.9	754.7	715.4	699.5	683.6	666.9
47.5°	1373.0	1213.2	1053.4	893.6	852.6	811.6	770.6	729.6	715.4	701.2	686.1
50°	1375.5	1222.4	1068.5	914.5	865.2	815.0	765.6	715.4	713.7	712.0	710.4
52.5°	1398.1	1235.8	1072.7	909.5	855.9	802.4	748.0	694.5	705.3	715.4	726.3
55°	1365.5	1196.5	1026.6	857.6	806.6	756.4	705.3	654.3	668.5	681.9	696.1
57.5°	1328.7	1145.4	962.2	779.0	740.5	702.0	662.7	624.2	639.2	655.1	670.2
60°	1206.5	1039.2	871.8	704.5	678.6	652.6	626.7	600.8	607.4	614.1	620.8
62.5°	1072.7	931.3	790.7	649.3	629.2	608.3	588.2	567.3	567.3	568.1	568.1
65°	987.3	866.0	744.7	623.3	600.8	578.2	554.7	532.1	528.8	525.5	522.1
67.5°	902.0	806.6	710.4	614.1	581.5	549.7	517.1	484.5	480.3	476.9	472.7
70°	835.0	749.7	664.3	579.0	542.2	506.2	469.4	432.6	429.2	426.7	423.4
72.5°	780.6	701.2	620.8	540.5	502.0	462.7	424.2	384.9	382.4	379.9	376.5
75°	698.6	628.4	557.2	486.1	448.5	411.7	374.0	336.4	333.0	330.5	327.2
77.5°	578.2	518.8	460.2	400.8	371.5	343.0	313.8	284.5	282.8	281.1	278.6
80°	445.1	399.1	352.3	306.2	287.0	266.9	247.7	227.6	226.7	225.9	224.2
82.5°	305.4	277.8	250.2	222.6	208.3	193.3	179.1	164.0	164.8	165.7	166.5
85°	174.0	164.0	154.8	144.7	133.0	122.2	110.4	98.7	101.2	103.8	105.4
87.5°	63.6	60.2	56.9	53.5	47.7	42.7	36.8	31.0	32.6	35.1	36.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	2108.5	2083.4	2058.3	2033.2	2008.1	1956.2	1905.2	1853.3	1801.4	1833.2	1865.9
5°	2253.2	2210.6	2167.1	2124.4	2080.9	2056.6	2032.4	2008.1	1983.8	1996.4	2009.8
7.5°	1784.7	1759.6	1733.7	1708.6	1682.6	1671.7	1661.7	1650.8	1639.9	1670.9	1701.9
10°	1581.4	1546.2	1511.1	1475.1	1440.0	1419.1	1398.1	1377.2	1356.3	1364.7	1373.0
12.5°	1591.4	1539.5	1487.7	1435.8	1383.9	1353.0	1322.0	1291.0	1260.1	1267.6	1275.1
15°	1505.2	1451.7	1398.1	1344.6	1291.0	1255.1	1218.2	1182.3	1145.4	1132.9	1119.5
17.5°	1328.7	1270.1	1211.5	1153.0	1094.4	1070.1	1045.9	1021.6	997.4	984.0	970.6
20°	1137.1	1082.7	1028.3	973.9	919.5	902.8	886.1	868.5	851.8	843.4	834.2
22.5°	1031.7	998.2	963.9	930.4	896.1	876.9	858.5	839.2	820.0	810.8	800.7
25°	968.1	974.8	982.3	989.0	995.7	987.3	978.1	969.7	960.5	963.9	966.4
27.5°	953.0	967.2	982.3	996.5	1010.7	1018.3	1025.8	1033.3	1040.9	1043.4	1045.9
30°	729.6	737.1	743.8	751.4	758.1	779.0	799.9	820.0	840.9	873.5	907.0
32.5°	636.7	634.2	631.7	628.4	625.9	630.9	635.9	640.1	645.1	656.8	669.4
35°	623.3	617.5	610.8	604.9	598.2	600.8	603.3	605.8	608.3	617.5	626.7
37.5°	613.3	610.8	609.1	606.6	604.1	610.0	615.0	620.8	625.9	633.4	640.9
40°	620.0	619.2	618.3	616.7	615.8	619.2	622.5	625.9	629.2	639.2	649.3
42.5°	633.4	633.4	632.5	632.5	631.7	635.1	637.6	640.9	643.4	649.3	655.1
45°	651.0	649.3	648.4	646.8	645.1	644.3	644.3	643.4	642.6	645.9	650.1
47.5°	671.9	666.0	659.3	653.5	646.8	645.1	642.6	640.9	638.4	640.1	641.8
50°	708.7	692.8	677.7	661.8	645.9	641.8	637.6	633.4	629.2	628.4	628.4
52.5°	736.3	712.9	689.4	666.0	642.6	635.1	627.5	620.0	612.5	610.8	610.0
55°	709.5	692.0	675.2	657.7	640.1	629.2	617.5	606.6	594.9	592.4	589.9
57.5°	685.3	674.4	663.5	652.6	641.8	630.9	619.2	608.3	596.6	590.7	584.9
60°	627.5	627.5	628.4	628.4	628.4	616.7	604.9	593.2	581.5	575.7	570.6
62.5°	568.1	577.3	585.7	594.9	603.3	587.4	570.6	554.7	538.0	533.8	530.5
65°	518.8	521.3	524.6	527.1	529.6	517.1	504.5	492.0	479.4	476.9	473.6
67.5°	468.6	467.7	466.9	465.2	464.4	456.8	448.5	440.9	432.6	429.2	425.9
70°	420.0	419.2	418.4	416.7	415.8	409.1	402.5	395.8	389.1	386.6	384.0
72.5°	374.0	373.2	371.5	370.7	369.0	363.1	358.1	352.3	346.4	343.0	339.7
75°	323.8	322.1	320.5	318.8	317.1	312.1	307.1	301.2	296.2	292.8	289.5
77.5°	276.9	274.4	271.9	268.6	266.1	261.9	256.9	252.7	247.7	243.5	240.1
80°	223.4	221.7	220.1	217.5	215.9	211.7	207.5	202.5	198.3	193.3	189.1
82.5°	167.3	166.5	164.8	164.0	162.3	158.1	154.0	149.8	145.6	140.6	135.5
85°	107.9	107.1	106.3	105.4	104.6	101.2	98.7	95.4	92.0	87.0	82.8
87.5°	38.5	36.8	36.0	34.3	32.6	31.8	30.1	29.3	27.6	25.1	22.6
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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	1897.6	1929.4	1930.3	1930.3	1945.3	1959.6	1930.3	1901.0	1870.9	1841.6	1812.3
5°	2022.3	2034.9	2031.5	2027.3	2008.9	1990.5	1971.3	1952.0	1932.8	1913.5	1914.4
7.5°	1732.8	1763.8	1788.9	1813.1	1789.7	1766.3	1753.7	1741.2	1728.6	1716.1	1714.4
10°	1380.6	1388.9	1399.0	1408.2	1394.0	1378.9	1404.0	1429.1	1453.4	1478.5	1450.8
12.5°	1282.7	1290.2	1272.6	1254.2	1248.4	1242.5	1236.6	1230.0	1224.1	1217.4	1214.1
15°	1107.0	1093.6	1080.2	1066.0	1062.6	1058.4	1054.2	1049.2	1045.0	1040.0	1025.0
17.5°	957.2	943.8	921.2	897.8	888.6	878.5	876.0	873.5	870.2	867.7	853.4
20°	825.8	816.6	810.8	804.1	794.9	785.7	776.5	767.3	757.2	748.0	734.6
22.5°	791.5	781.5	774.0	765.6	763.9	762.2	745.5	727.9	711.2	693.6	686.1
25°	969.7	972.3	926.2	879.4	875.2	871.0	840.9	809.9	779.8	748.9	722.9
27.5°	1047.6	1050.1	1048.4	1046.7	1033.3	1019.1	968.1	916.2	865.2	813.3	776.5
30°	939.6	972.3	984.8	997.4	988.1	978.1	924.6	871.8	818.3	764.7	740.5
32.5°	681.1	692.8	713.7	733.8	744.7	754.7	738.0	721.2	704.5	687.8	683.6
35°	635.1	644.3	648.4	652.6	645.9	639.2	626.7	614.1	600.8	588.2	585.7
37.5°	647.6	655.1	663.5	671.9	653.5	634.2	620.0	606.6	592.4	578.2	566.4
40°	659.3	669.4	674.4	679.4	661.0	642.6	625.0	608.3	590.7	573.1	561.4
42.5°	661.0	666.9	676.1	685.3	659.3	632.5	616.7	599.9	584.0	567.3	555.6
45°	653.5	656.8	665.2	673.5	643.4	612.5	598.2	583.2	569.0	553.9	543.9
47.5°	642.6	644.3	651.0	656.8	625.0	592.4	579.0	565.6	551.4	538.0	528.0
50°	627.5	626.7	631.7	635.9	603.3	570.6	557.2	544.7	531.3	517.9	509.6
52.5°	608.3	606.6	611.6	615.8	581.5	547.2	535.5	524.6	512.9	501.2	494.5
55°	586.5	584.0	588.2	592.4	558.9	524.6	514.6	503.7	493.7	482.8	476.9
57.5°	578.2	572.3	574.8	577.3	539.7	502.0	492.0	481.9	471.9	461.9	457.7
60°	564.8	558.9	561.4	563.1	522.9	481.9	472.7	462.7	453.5	443.5	439.3
62.5°	526.3	522.1	525.5	528.8	492.8	456.0	447.6	440.1	431.7	423.4	417.5
65°	471.1	467.7	474.4	481.1	450.1	419.2	414.2	409.1	403.3	398.3	392.4
67.5°	422.5	419.2	425.9	432.6	410.0	387.4	382.4	377.4	372.3	367.3	364.0
70°	381.5	379.0	384.9	390.7	371.5	352.3	347.2	343.0	338.0	333.0	330.5
72.5°	335.5	332.2	339.7	346.4	330.5	313.8	309.6	304.6	300.4	295.4	293.7
75°	286.2	282.8	289.5	295.4	284.5	272.8	268.6	264.4	260.2	256.0	255.2
77.5°	236.0	231.8	238.5	244.3	237.6	230.1	226.7	222.6	219.2	215.0	215.0
80°	184.1	179.1	184.1	188.3	185.7	183.2	180.7	177.4	174.9	171.5	172.4
82.5°	130.5	125.5	128.0	130.5	132.2	133.9	133.9	133.9	133.9	133.9	133.9
85°	77.8	72.8	73.6	74.5	77.0	79.5	80.3	81.2	82.0	82.8	83.7
87.5°	20.1	17.6	15.9	13.4	15.9	17.6	19.2	20.1	21.8	22.6	22.6
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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	1783.0	1752.9	1723.6	1742.0	1759.6	1778.0	1795.6	1796.4	1796.4	1797.2	1797.2
5°	1916.1	1916.9	1917.7	1900.2	1883.4	1865.9	1848.3	1839.1	1829.9	1819.8	1810.6
7.5°	1711.9	1710.2	1707.7	1691.0	1674.2	1657.5	1640.8	1600.6	1559.6	1519.5	1478.5
10°	1422.4	1394.8	1366.3	1359.6	1353.8	1347.1	1340.4	1329.5	1319.5	1308.6	1297.7
12.5°	1210.7	1207.4	1204.0	1186.4	1168.9	1150.5	1132.9	1132.9	1132.9	1132.9	1132.9
15°	1009.1	994.0	978.1	969.7	960.5	952.2	943.0	938.8	934.6	930.4	926.2
17.5°	838.4	824.2	809.1	807.4	805.7	804.1	802.4	798.2	794.0	789.8	785.7
20°	721.2	707.9	694.5	699.5	704.5	708.7	713.7	709.5	705.3	700.3	696.1
22.5°	677.7	670.2	661.8	657.7	653.5	648.4	644.3	644.3	645.1	645.1	645.1
25°	697.8	671.9	645.9	633.4	620.8	607.4	594.9	589.9	585.7	580.7	575.7
27.5°	739.6	702.0	665.2	643.4	621.7	599.9	578.2	569.0	558.9	549.7	539.7
30°	715.4	691.1	666.0	640.9	615.8	590.7	565.6	553.9	542.2	529.6	517.9
32.5°	679.4	674.4	670.2	646.8	623.3	599.1	575.7	570.6	566.4	561.4	556.4
35°	582.3	579.8	576.5	570.6	564.8	558.9	553.1	546.4	539.7	533.0	526.3
37.5°	555.6	543.9	532.1	529.6	527.1	524.6	522.1	519.6	517.1	513.7	511.2
40°	549.7	538.0	526.3	522.1	517.9	512.9	508.7	509.6	511.2	512.1	512.9
42.5°	543.0	531.3	518.8	515.4	512.1	508.7	505.4	506.2	507.9	508.7	509.6
45°	534.7	524.6	514.6	508.7	503.7	497.8	492.0	497.0	502.0	506.2	511.2
47.5°	517.9	507.0	497.0	493.7	490.3	486.1	482.8	487.8	492.8	497.0	502.0
50°	500.3	492.0	482.8	481.9	481.1	479.4	478.6	481.9	485.3	488.6	492.0
52.5°	487.0	480.3	472.7	472.7	471.9	471.9	471.1	474.4	477.8	480.3	483.6
55°	471.9	466.0	460.2	461.0	462.7	463.5	464.4	467.7	471.9	475.2	478.6
57.5°	452.7	448.5	443.5	446.8	449.3	452.7	455.2	457.7	461.0	463.5	466.0
60°	434.2	430.1	425.0	428.4	432.6	435.9	439.3	441.8	444.3	446.8	449.3
62.5°	411.7	405.0	399.1	404.1	408.3	413.3	417.5	419.2	421.7	423.4	425.0
65°	387.4	381.5	375.7	379.0	382.4	384.9	388.2	390.7	393.3	395.8	398.3
67.5°	359.8	356.4	352.3	354.8	357.3	359.8	362.3	363.1	363.1	364.0	364.0
70°	327.2	324.6	321.3	323.0	325.5	327.2	328.8	328.8	328.8	328.0	328.0
72.5°	292.8	291.2	289.5	290.3	292.0	292.8	293.7	292.8	292.0	291.2	290.3
75°	254.4	253.5	252.7	253.5	255.2	256.0	256.9	256.0	254.4	253.5	251.8
77.5°	215.9	215.9	215.9	215.9	216.7	216.7	216.7	215.0	213.4	211.7	210.0
80°	173.2	174.0	174.9	174.9	174.9	174.9	174.9	173.2	171.5	169.0	167.3
82.5°	133.9	133.9	133.9	133.9	134.7	134.7	134.7	130.5	127.2	123.0	118.8
85°	83.7	84.5	84.5	85.3	86.2	86.2	87.0	81.2	76.1	70.3	64.4
87.5°	22.6	22.6	22.6	22.6	22.6	21.8	21.8	16.7	10.9	5.9	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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	1802.3	1807.3	1811.5	1816.5	1817.3	1818.2	1818.2	1819.0	1801.4	1783.9	1765.4
5°	1823.2	1834.9	1847.4	1859.2	1856.6	1854.1	1851.6	1849.1	1844.1	1839.9	1834.9
7.5°	1469.3	1460.9	1451.7	1442.5	1450.0	1457.5	1465.1	1472.6	1475.9	1479.3	1481.8
10°	1276.8	1255.9	1235.0	1214.1	1202.3	1189.8	1178.1	1165.5	1163.9	1163.0	1161.3
12.5°	1111.1	1088.6	1066.8	1044.2	1037.5	1030.0	1023.3	1015.8	1022.5	1029.1	1035.0
15°	917.0	908.7	899.5	890.3	897.8	905.3	912.8	920.4	927.1	932.9	939.6
17.5°	781.5	778.1	774.0	769.8	776.5	784.0	790.7	797.4	812.4	827.5	842.6
20°	692.8	690.3	686.9	683.6	681.1	677.7	675.2	671.9	693.6	714.5	736.3
22.5°	640.1	635.1	630.0	625.0	625.9	626.7	626.7	627.5	645.1	663.5	681.1
25°	574.0	572.3	570.6	569.0	574.0	579.0	583.2	588.2	604.1	620.0	635.1
27.5°	540.5	541.3	542.2	543.0	549.7	557.2	563.9	570.6	581.5	592.4	603.3
30°	522.1	527.1	531.3	535.5	538.0	540.5	543.0	545.5	556.4	566.4	577.3
32.5°	549.7	543.0	535.5	528.8	532.1	536.3	539.7	543.0	553.1	563.1	573.1
35°	523.8	520.4	517.9	514.6	518.8	522.9	526.3	530.5	539.7	548.0	557.2
37.5°	510.4	509.6	508.7	507.9	510.4	512.9	514.6	517.1	525.5	533.8	541.3
40°	509.6	505.4	502.0	497.8	500.3	502.9	504.5	507.0	517.1	527.1	537.2
42.5°	504.5	499.5	493.7	488.6	491.1	494.5	497.0	499.5	510.4	520.4	531.3
45°	503.7	496.2	487.8	480.3	483.6	487.0	490.3	493.7	502.0	510.4	517.9
47.5°	494.5	487.0	479.4	471.9	473.6	475.2	476.1	477.8	485.3	492.0	499.5
50°	487.0	481.1	476.1	470.2	467.7	466.0	463.5	461.0	466.9	472.7	478.6
52.5°	477.8	471.9	465.2	459.4	456.0	452.7	449.3	446.0	451.0	455.2	460.2
55°	471.9	464.4	457.7	450.1	446.0	441.8	437.6	433.4	436.8	439.3	442.6
57.5°	459.4	452.7	445.1	438.4	433.4	428.4	422.5	417.5	419.2	420.9	422.5
60°	442.6	435.1	428.4	420.9	415.0	409.1	402.5	396.6	397.4	399.1	399.9
62.5°	418.4	411.7	404.1	397.4	390.7	384.9	378.2	371.5	373.2	374.0	375.7
65°	391.6	384.0	377.4	369.8	364.0	358.1	351.4	345.6	347.2	348.9	349.7
67.5°	358.9	353.1	348.1	342.2	337.2	331.3	326.3	320.5	321.3	322.1	323.0
70°	323.8	318.8	314.6	309.6	305.4	301.2	297.0	292.8	292.8	293.7	293.7
72.5°	286.2	282.0	277.8	273.6	269.4	266.1	261.9	257.7	259.4	261.1	261.9
75°	247.7	244.3	240.1	236.0	232.6	229.3	225.1	221.7	223.4	225.1	225.9
77.5°	207.5	205.0	201.6	199.1	195.8	192.4	188.3	184.9	186.6	188.3	189.1
80°	165.7	164.0	161.5	159.8	156.5	153.1	149.8	146.4	147.3	147.3	148.1
82.5°	119.6	120.5	120.5	121.3	118.8	115.5	113.0	109.6	109.6	109.6	108.8
85°	66.9	70.3	72.8	75.3	72.8	70.3	67.8	65.3	64.4	64.4	63.6
87.5°	2.5	4.2	6.7	8.4	7.5	6.7	5.0	4.2	5.0	5.9	5.9
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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	1747.9	1762.1	1776.3	1790.5	1804.8	1826.5	1848.3	1870.9	1893.5	1880.9	1867.5
5°	1829.9	1838.2	1847.4	1855.8	1864.2	1888.4	1911.9	1941.2	1969.6	1966.3	1962.1
7.5°	1485.2	1496.9	1508.6	1519.5	1531.2	1568.0	1604.8	1635.8	1666.7	1662.5	1657.5
10°	1159.7	1183.9	1209.0	1233.3	1257.6	1287.7	1317.0	1342.9	1368.8	1412.4	1455.0
12.5°	1041.7	1079.3	1117.0	1154.7	1192.3	1214.1	1235.0	1268.4	1301.9	1325.3	1349.6
15°	945.5	980.6	1015.8	1050.9	1086.0	1087.7	1089.4	1124.5	1159.7	1179.8	1199.0
17.5°	857.6	876.9	896.1	914.5	933.8	927.1	920.4	937.1	953.0	961.4	970.6
20°	757.2	770.6	784.0	797.4	810.8	820.0	828.3	838.4	847.6	839.2	830.0
22.5°	698.6	718.7	739.6	759.7	779.8	785.7	790.7	784.8	779.0	776.5	774.0
25°	651.0	675.2	700.3	724.6	748.9	760.6	772.3	777.3	781.5	772.3	763.1
27.5°	614.1	643.4	671.9	701.2	729.6	750.5	771.4	777.3	782.3	775.6	768.1
30°	587.4	619.2	651.0	682.8	714.5	746.3	777.3	804.9	831.7	829.2	826.7
32.5°	583.2	604.9	626.7	648.4	670.2	690.3	709.5	711.2	712.0	705.3	697.8
35°	565.6	579.8	594.1	608.3	622.5	635.1	646.8	645.1	643.4	636.7	630.0
37.5°	549.7	563.9	579.0	593.2	607.4	629.2	650.1	645.9	640.9	634.2	627.5
40°	547.2	563.1	579.0	594.1	610.0	630.0	650.1	645.9	641.8	633.4	625.0
42.5°	541.3	557.2	572.3	588.2	603.3	627.5	651.0	643.4	635.1	628.4	621.7
45°	526.3	540.5	554.7	569.0	583.2	609.1	635.1	625.9	616.7	614.1	610.8
47.5°	506.2	520.4	534.7	548.9	563.1	589.0	614.1	606.6	598.2	597.4	595.7
50°	484.5	497.8	512.1	525.5	538.8	564.8	589.9	583.2	576.5	577.3	577.3
52.5°	464.4	476.9	488.6	501.2	512.9	538.8	563.9	558.9	553.1	554.7	555.6
55°	445.1	455.2	465.2	475.2	485.3	510.4	535.5	528.0	520.4	522.9	525.5
57.5°	424.2	432.6	440.9	448.5	456.8	481.9	506.2	497.8	488.6	492.8	496.2
60°	400.8	408.3	415.8	422.5	430.1	452.7	474.4	466.9	458.5	464.4	469.4
62.5°	376.5	382.4	388.2	394.1	399.9	420.9	441.8	435.9	430.1	436.8	442.6
65°	351.4	355.6	360.6	364.8	369.0	389.1	408.3	404.1	399.9	405.8	411.7
67.5°	323.8	327.2	331.3	334.7	338.0	356.4	374.8	370.7	365.6	370.7	374.8
70°	293.7	297.0	299.5	302.9	305.4	322.1	338.9	333.0	326.3	331.3	335.5
72.5°	263.6	265.2	267.7	269.4	271.1	283.6	296.2	291.2	286.2	291.2	295.4
75°	227.6	229.3	230.9	232.6	234.3	245.2	255.2	249.3	242.6	247.7	252.7
77.5°	190.8	191.6	193.3	194.1	195.0	202.5	209.2	203.3	196.6	202.5	208.3
80°	148.1	148.9	149.8	149.8	150.6	153.1	155.6	151.4	146.4	154.0	161.5
82.5°	108.8	107.9	107.9	107.1	106.3	106.3	105.4	102.9	99.6	106.3	113.0
85°	62.8	61.9	60.2	59.4	57.7	55.2	52.7	51.9	51.0	56.9	62.8
87.5°	6.7	5.9	4.2	3.3	1.7	0.8	0.0	0.0	0.0	3.3	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	1855.0	1841.6	1829.0	1816.5	1803.9	1791.4	1814.8	1838.2	1861.7	1885.1	1906.0
5°	1958.7	1954.5	1943.7	1933.6	1922.7	1911.9	1917.7	1924.4	1930.3	1936.1	1948.7
7.5°	1653.3	1648.3	1671.7	1694.3	1717.8	1740.3	1746.2	1751.2	1757.1	1762.1	1758.8
10°	1498.5	1541.2	1552.1	1562.1	1573.0	1583.0	1599.8	1616.5	1632.4	1649.1	1658.3
12.5°	1373.0	1396.5	1434.9	1474.3	1512.8	1551.3	1576.4	1601.5	1626.6	1651.7	1703.5
15°	1219.1	1238.3	1267.6	1296.9	1326.2	1355.5	1391.4	1428.3	1464.2	1500.2	1557.1
17.5°	978.9	987.3	1009.1	1030.8	1051.7	1073.5	1122.0	1169.7	1218.2	1265.9	1331.2
20°	821.6	812.4	812.4	813.3	813.3	813.3	861.8	909.5	958.0	1005.7	1091.9
22.5°	770.6	768.1	758.9	748.9	739.6	729.6	754.7	780.6	805.7	830.8	901.1
25°	753.0	743.8	732.1	720.4	708.7	697.0	712.9	728.8	744.7	760.6	815.8
27.5°	761.4	753.9	759.7	764.7	770.6	775.6	780.6	785.7	790.7	795.7	815.0
30°	824.2	821.6	830.8	839.2	848.4	856.8	845.1	834.2	822.5	810.8	817.5
32.5°	691.1	683.6	680.2	676.9	673.5	670.2	669.4	668.5	666.9	666.0	681.1
35°	623.3	616.7	611.6	606.6	600.8	595.7	598.2	599.9	602.4	604.1	620.8
37.5°	620.8	614.1	608.3	602.4	595.7	589.9	592.4	595.7	598.2	600.8	613.3
40°	616.7	608.3	604.9	601.6	598.2	594.9	596.6	598.2	599.1	600.8	610.0
42.5°	614.1	607.4	605.8	604.1	602.4	600.8	602.4	604.1	604.9	606.6	617.5
45°	608.3	604.9	606.6	608.3	610.0	611.6	611.6	611.6	611.6	611.6	623.3
47.5°	594.9	593.2	598.2	603.3	608.3	613.3	621.7	630.0	637.6	645.9	648.4
50°	578.2	578.2	586.5	594.9	602.4	610.8	630.9	650.1	670.2	689.4	676.9
52.5°	557.2	558.1	570.6	582.3	594.9	606.6	625.0	643.4	661.0	679.4	661.0
55°	527.1	529.6	545.5	560.6	576.5	591.6	605.8	620.0	634.2	648.4	629.2
57.5°	500.3	503.7	520.4	536.3	553.1	569.0	577.3	586.5	594.9	603.3	590.7
60°	475.2	480.3	502.0	523.8	544.7	566.4	559.8	553.1	545.5	538.8	538.0
62.5°	449.3	455.2	475.2	495.3	514.6	534.7	524.6	514.6	503.7	493.7	497.8
65°	416.7	422.5	431.7	440.9	449.3	458.5	457.7	457.7	456.8	456.0	464.4
67.5°	379.9	384.0	389.9	394.9	400.8	405.8	409.1	413.3	416.7	420.0	430.1
70°	340.5	344.7	350.6	355.6	361.5	366.5	370.7	374.8	378.2	382.4	392.4
72.5°	300.4	304.6	310.4	316.3	321.3	327.2	330.5	333.8	336.4	339.7	348.1
75°	257.7	262.7	268.6	273.6	279.5	284.5	287.0	289.5	292.0	294.5	302.1
77.5°	214.2	220.1	225.9	231.8	237.6	243.5	244.3	245.2	246.0	246.8	253.5
80°	168.2	175.7	181.6	187.4	193.3	199.1	199.1	199.1	199.1	199.1	202.5
82.5°	119.6	126.3	133.0	138.9	145.6	151.4	151.4	150.6	150.6	149.8	149.8
85°	68.6	74.5	78.7	83.7	87.9	92.0	92.0	92.0	91.2	91.2	89.5
87.5°	10.9	14.2	15.9	18.4	20.1	21.8	20.9	20.9	20.1	19.2	16.7
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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	1926.9	1947.8	1968.8	1965.4	1962.1	1958.7	1955.4	1967.9	1979.6	1992.2	2003.9
5°	1960.4	1973.0	1984.7	1993.9	2003.1	2012.3	2021.5	2064.2	2106.0	2148.7	2190.5
7.5°	1755.4	1751.2	1747.9	1787.2	1827.4	1866.7	1906.0	1960.4	2014.8	2069.2	2123.6
10°	1667.6	1676.8	1686.0	1701.9	1718.6	1734.5	1750.4	1803.9	1857.5	1911.0	1964.6
12.5°	1754.6	1806.4	1857.5	1870.0	1883.4	1896.0	1908.5	1919.4	1930.3	1940.3	1951.2
15°	1614.0	1670.9	1727.8	1760.4	1793.1	1824.9	1857.5	1939.5	2020.6	2102.6	2183.8
17.5°	1395.6	1460.9	1525.3	1605.6	1686.0	1766.3	1846.6	1921.9	1997.2	2071.7	2147.0
20°	1178.1	1263.4	1349.6	1437.5	1524.5	1612.3	1699.3	1773.0	1846.6	1919.4	1993.0
22.5°	970.6	1040.9	1110.3	1217.4	1323.7	1430.8	1537.0	1674.2	1810.6	1947.8	2084.2
25°	870.2	925.4	979.8	1090.2	1200.7	1310.3	1420.7	1598.9	1776.3	1954.5	2131.9
27.5°	835.0	854.3	873.5	973.9	1073.5	1173.9	1273.5	1465.9	1658.3	1850.0	2042.4
30°	824.2	830.8	837.5	916.2	994.8	1073.5	1152.1	1342.1	1532.8	1722.8	1912.7
32.5°	695.3	710.4	724.6	801.6	877.7	954.7	1030.8	1222.4	1413.2	1604.8	1795.6
35°	637.6	654.3	671.0	746.3	821.6	896.1	971.4	1173.1	1375.5	1577.2	1778.8
37.5°	625.9	638.4	651.0	736.3	821.6	907.0	992.3	1196.5	1400.6	1604.8	1809.0
40°	620.0	629.2	638.4	721.2	804.9	887.7	970.6	1184.8	1398.1	1612.3	1825.7
42.5°	627.5	638.4	648.4	723.7	798.2	873.5	948.0	1169.7	1390.6	1612.3	1833.2
45°	634.2	645.9	656.8	727.1	797.4	867.7	937.9	1174.7	1410.7	1647.5	1883.4
47.5°	650.1	652.6	654.3	715.4	775.6	836.7	896.9	1137.9	1378.9	1619.0	1860.0
50°	663.5	651.0	637.6	701.2	763.9	827.5	890.3	1118.7	1347.1	1574.7	1803.1
52.5°	642.6	623.3	604.9	673.5	742.2	809.9	878.5	1107.0	1336.2	1564.6	1793.1
55°	610.8	591.6	572.3	641.8	711.2	780.6	850.1	1077.7	1306.1	1533.7	1761.3
57.5°	579.0	566.4	553.9	610.8	668.5	725.4	782.3	1029.1	1275.1	1522.0	1768.0
60°	537.2	535.5	534.7	579.0	624.2	668.5	712.9	954.7	1195.7	1437.5	1678.4
62.5°	501.2	505.4	508.7	544.7	580.7	615.8	651.8	885.2	1119.5	1353.0	1586.4
65°	473.6	481.9	490.3	531.3	572.3	612.5	653.5	849.3	1045.0	1240.8	1436.6
67.5°	440.1	450.1	460.2	513.7	567.3	620.8	674.4	835.9	997.4	1158.8	1320.3
70°	401.6	411.7	420.9	489.5	557.2	625.9	693.6	836.7	980.6	1123.7	1266.8
72.5°	356.4	364.8	373.2	446.8	520.4	594.1	667.7	789.0	910.3	1030.8	1152.1
75°	310.4	317.9	325.5	389.1	452.7	516.2	579.8	673.5	766.4	860.1	953.0
77.5°	259.4	266.1	271.9	314.6	357.3	399.9	442.6	514.6	585.7	657.7	728.8
80°	205.8	209.2	212.5	237.6	261.9	287.0	311.3	358.9	406.6	453.5	501.2
82.5°	150.6	150.6	150.6	166.5	183.2	199.1	215.0	239.3	262.7	287.0	310.4
85°	87.9	85.3	83.7	94.5	105.4	116.3	127.2	137.2	147.3	157.3	167.3
87.5°	14.2	10.9	8.4	15.1	21.8	28.4	35.1	38.5	42.7	46.0	49.4
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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	1975.5	1947.8	1919.4	1891.0	1932.8	1974.6	2016.5	2058.3	2169.6	2235.7	2239.9
5°	2225.6	2260.8	2295.9	2331.1	2366.2	2401.3	2435.6	2470.8	2651.5	2762.8	2783.7
7.5°	2181.3	2239.9	2297.6	2355.3	2454.9	2554.5	2654.0	2753.6	2906.7	3017.2	3090.0
10°	2036.5	2108.5	2180.5	2252.4	2370.4	2489.2	2607.2	2725.1	2887.5	3033.1	3102.5
12.5°	2065.8	2180.5	2294.2	2408.9	2511.0	2613.9	2715.9	2818.0	2930.1	2985.4	3111.7
15°	2263.3	2342.8	2422.3	2501.7	2655.7	2808.8	2962.8	3115.9	3179.5	3305.8	3419.6
17.5°	2293.4	2439.0	2585.4	2731.0	2919.3	3107.5	3295.8	3484.0	3602.0	3765.2	3902.4
20°	2199.7	2405.5	2612.2	2818.0	3060.7	3304.1	3546.8	3789.4	3939.2	4076.4	4288.9
22.5°	2311.8	2539.4	2766.1	2993.7	3315.9	3637.2	3959.3	4280.6	4593.5	4899.7	5043.7
25°	2435.6	2740.2	3043.9	3347.7	3750.1	4151.7	4554.2	4955.8	5358.3	5645.2	5810.9
27.5°	2348.6	2654.0	2960.3	3265.7	3763.5	4262.2	4760.0	5257.9	5688.8	6034.3	6176.6
30°	2287.6	2662.4	3037.2	3412.1	3996.1	4580.1	5164.1	5748.2	6146.4	6532.2	6741.3
32.5°	2276.7	2757.8	3238.0	3719.2	4399.4	5078.8	5759.0	6438.4	6702.8	7045.1	7327.0
35°	2306.8	2835.6	3363.6	3891.5	4671.3	5451.1	6230.1	7009.9	7385.6	7724.5	7971.3
37.5°	2398.8	2988.7	3577.7	4167.6	5107.2	6047.7	6987.3	7926.9	8557.0	9177.0	9287.4
40°	2450.7	3076.6	3701.6	4326.6	5419.3	6512.1	7604.8	8697.5	9422.1	10102.4	10148.4
42.5°	2511.8	3190.4	3868.1	4546.7	5758.2	6970.6	8182.1	9393.7	10290.6	11021.9	11043.7
45°	2582.1	3279.9	3978.5	4676.3	5941.4	7205.7	8470.8	9735.1	10819.4	11708.0	11491.3
47.5°	2609.7	3360.2	4109.9	4859.6	6208.4	7556.3	8905.0	10253.0	11226.1	12034.3	11826.8
50°	2620.6	3438.9	4256.3	5073.8	6471.1	7869.2	9266.5	10663.8	11653.6	12441.8	12123.9
52.5°	2688.3	3583.6	4478.9	5374.2	6830.0	8285.9	9741.8	11197.6	12171.5	12928.8	12533.8
55°	2779.5	3797.8	4815.2	5833.5	7340.4	8846.5	10353.4	11859.5	12836.7	13541.2	13051.8
57.5°	2864.0	3961.0	5057.0	6153.1	7714.4	9276.5	10837.8	12399.1	13389.0	14085.9	13611.5
60°	2823.0	3967.7	5112.3	6256.9	7791.4	9325.1	10859.6	12393.3	13517.0	14352.8	14110.2
62.5°	2699.2	3812.0	4924.0	6036.8	7493.5	8949.4	10406.1	11862.0	13177.3	14249.1	14238.2
65°	2460.7	3484.9	4508.2	5532.3	6880.2	8229.0	9576.9	10924.9	12475.3	13777.2	13861.7
67.5°	2170.4	3020.5	3870.6	4720.7	5990.0	7259.3	8528.5	9797.8	11455.3	12891.9	12964.7
70°	1889.3	2512.6	3135.1	3757.6	4872.1	5986.6	7100.3	8214.8	9889.0	11342.4	11409.3
72.5°	1559.6	1967.1	2373.7	2781.2	3684.0	4586.8	5488.8	6391.6	7861.7	8979.5	9356.9
75°	1194.8	1436.6	1678.4	1920.2	2650.7	3381.1	4110.7	4841.2	5818.4	6643.4	7068.5
77.5°	854.3	979.8	1105.3	1230.8	1851.6	2472.5	3092.5	3713.3	4227.0	4694.8	4981.7
80°	560.6	619.2	678.6	737.1	1253.4	1769.6	2285.0	2801.3	3114.2	3365.2	3510.0
82.5°	339.7	369.0	397.4	426.7	845.1	1263.4	1680.9	2099.3	2278.3	2398.0	2526.8
85°	183.2	199.1	215.0	230.9	499.5	767.3	1035.8	1303.6	1321.2	1335.4	1527.0
87.5°	53.5	58.6	62.8	66.9	110.4	154.8	198.3	241.8	150.6	93.7	192.4
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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	2215.6	2204.7	2193.8	2182.1	2171.2	2125.2	2080.0	2034.0	1988.0	2032.4	2075.9
5°	2759.5	2792.9	2825.6	2859.0	2892.5	2895.0	2896.7	2899.2	2900.9	2909.2	2917.6
7.5°	3151.0	3210.4	3269.0	3328.4	3387.8	3433.8	3479.9	3526.7	3572.7	3530.9	3489.1
10°	3184.5	3310.0	3435.5	3561.0	3686.5	3709.1	3730.9	3753.5	3776.0	3806.2	3835.5
12.5°	3218.0	3371.1	3523.4	3676.5	3829.6	3896.5	3962.6	4029.6	4095.7	4128.3	4160.1
15°	3571.9	3662.3	3751.8	3842.1	3931.7	3977.7	4022.9	4068.9	4114.9	4142.5	4169.3
17.5°	4027.1	4060.5	4093.2	4126.6	4160.1	4191.1	4222.0	4253.0	4283.9	4288.9	4294.0
20°	4442.1	4448.8	4454.6	4461.3	4467.2	4401.9	4337.5	4272.2	4207.0	4218.7	4229.5
22.5°	5064.6	5027.8	4991.8	4955.0	4919.0	4796.0	4673.8	4550.8	4428.7	4376.0	4324.1
25°	6001.7	5908.0	5814.3	5720.6	5626.8	5431.1	5236.1	5040.3	4845.4	4730.7	4616.9
27.5°	6303.7	6099.6	5896.3	5692.1	5487.9	5339.9	5192.6	5044.5	4897.2	4715.7	4534.1
30°	6914.5	6592.4	6271.1	5949.0	5626.8	5483.8	5340.7	5196.8	5053.7	4867.9	4683.0
32.5°	7455.9	7121.2	6786.5	6451.0	6116.3	5845.2	5574.1	5303.0	5031.9	4906.4	4780.9
35°	8082.6	7661.7	7240.8	6820.0	6399.1	6166.5	5934.7	5702.1	5470.4	5280.4	5091.3
37.5°	8995.4	8547.8	8100.1	7651.7	7204.0	6889.4	6575.7	6261.1	5947.3	5842.7	5739.0
40°	9865.6	9336.8	8808.8	8280.0	7752.1	7511.1	7270.1	7028.3	6787.3	6610.8	6434.3
42.5°	10594.4	10071.4	9549.3	9026.4	8504.3	8328.6	8153.7	7978.0	7803.1	7657.5	7511.9
45°	10844.5	10417.8	9991.9	9565.2	9138.5	9076.6	9015.5	8953.6	8892.5	8784.6	8676.6
47.5°	11247.0	10811.9	10377.7	9942.6	9507.5	9530.1	9552.7	9576.1	9598.7	9604.5	9609.6
50°	11483.8	11070.4	10657.9	10244.6	9832.1	9941.7	10050.5	10160.1	10269.7	10518.2	10765.9
52.5°	11829.3	11423.5	11018.6	10612.8	10207.0	10392.7	10577.6	10763.4	10948.3	11296.4	11644.4
55°	12262.7	11874.5	11487.1	11098.9	10711.5	10892.2	11072.1	11252.8	11432.7	11820.1	12207.5
57.5°	12837.6	12421.7	12006.7	11590.9	11175.9	11342.4	11508.0	11674.5	11840.2	12208.4	12576.5
60°	13491.9	13040.0	12588.2	12135.6	11683.7	11729.8	11774.9	11821.0	11866.1	12265.3	12663.5
62.5°	13813.2	13394.8	12977.3	12558.9	12140.6	12012.6	11884.6	11755.7	11627.7	11985.0	12341.4
65°	13534.5	13246.7	12959.7	12671.9	12384.1	12158.2	11933.1	11707.2	11481.3	11704.7	11927.2
67.5°	12647.6	12484.5	12322.2	12159.0	11995.8	11616.8	11237.8	10857.9	10478.9	10494.0	10508.2
70°	11210.2	11166.7	11124.0	11080.5	11037.0	10467.2	9898.2	9328.4	8758.6	8671.6	8584.6
72.5°	9388.7	9417.1	9444.7	9473.2	9501.6	8889.2	8276.7	7664.2	7051.7	6907.0	6762.2
75°	7271.8	7429.1	7586.4	7744.5	7901.8	7316.1	6730.5	6143.9	5558.2	5380.0	5201.8
77.5°	5138.2	5431.9	5724.7	6018.4	6312.1	5782.5	5253.7	4724.0	4194.4	4078.9	3963.5
80°	3582.8	3726.7	3870.6	4014.5	4158.4	3892.4	3626.3	3360.2	3094.1	3125.9	3156.9
82.5°	2609.7	2643.2	2675.8	2709.3	2742.7	2633.9	2525.2	2415.6	2306.8	2389.6	2472.5
85°	1671.7	1791.4	1910.2	2029.8	2148.7	2028.2	1907.7	1786.4	1665.9	1721.1	1776.3
87.5°	374.0	591.6	809.1	1027.5	1245.0	1127.9	1011.6	894.4	777.3	724.6	672.7
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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	2120.2	2164.6	2151.2	2138.6	2125.2	2111.8	2136.1	2160.4	2185.5	2209.7	2201.4
5°	2926.8	2935.2	2855.7	2777.0	2697.5	2618.0	2667.4	2716.8	2766.1	2815.5	2797.9
7.5°	3447.2	3405.4	3359.4	3313.4	3266.5	3220.5	3210.4	3200.4	3189.5	3179.5	3166.1
10°	3865.6	3894.9	3864.7	3835.5	3805.3	3775.2	3704.9	3634.6	3563.5	3493.2	3464.0
12.5°	4192.7	4225.4	4232.9	4239.6	4247.1	4254.6	4176.0	4098.2	4019.5	3940.9	3869.8
15°	4196.9	4224.5	4248.8	4272.2	4296.5	4319.9	4271.4	4223.7	4175.2	4126.6	4104.0
17.5°	4299.8	4304.8	4284.8	4265.5	4245.4	4226.2	4207.0	4188.5	4169.3	4150.9	4114.9
20°	4241.3	4253.0	4250.5	4248.0	4244.6	4242.1	4243.8	4244.6	4246.3	4247.1	4227.0
22.5°	4271.4	4218.7	4229.5	4239.6	4250.5	4260.5	4290.6	4320.7	4351.7	4381.8	4462.1
25°	4502.3	4387.7	4370.1	4353.4	4335.8	4319.1	4397.7	4475.5	4554.2	4632.8	4763.4
27.5°	4351.7	4170.1	4130.0	4089.8	4049.7	4009.5	4129.1	4248.0	4367.6	4487.2	4620.3
30°	4497.3	4312.4	4223.7	4135.0	4045.5	3956.8	4071.4	4185.2	4299.8	4413.6	4560.9
32.5°	4655.4	4529.9	4470.5	4411.9	4352.5	4294.0	4303.2	4312.4	4321.6	4330.8	4538.3
35°	4901.4	4711.5	4652.9	4594.3	4535.8	4477.2	4575.1	4672.2	4770.1	4867.1	5042.8
37.5°	5634.4	5529.8	5424.4	5318.9	5212.7	5107.2	5165.0	5222.7	5280.4	5338.2	5503.8
40°	6257.7	6081.2	6063.6	6046.9	6029.3	6011.7	6016.7	6020.9	6025.9	6031.0	6172.4
42.5°	7365.5	7219.9	7130.4	7040.9	6951.3	6861.8	6856.0	6850.1	6843.4	6837.6	6943.8
45°	8567.9	8459.9	8393.0	8326.1	8258.3	8191.3	8085.1	7978.8	7871.7	7765.5	7858.3
47.5°	9615.4	9621.3	9742.6	9863.1	9984.4	10105.7	9924.2	9742.6	9561.0	9379.5	9259.8
50°	11014.4	11262.0	11291.3	11319.8	11349.1	11378.3	11070.4	10763.4	10455.5	10147.6	10022.1
52.5°	11993.3	12341.4	12296.2	12251.9	12206.7	12161.5	11983.3	11805.9	11627.7	11449.5	11175.9
55°	12595.8	12983.1	12948.8	12915.4	12881.1	12846.8	12717.1	12587.4	12457.7	12328.0	12027.6
57.5°	12944.7	13312.8	13322.9	13332.9	13342.9	13353.0	13318.7	13284.4	13250.1	13215.8	12825.0
60°	13062.6	13461.7	13465.9	13469.3	13473.5	13476.8	13422.4	13368.0	13312.8	13258.4	13003.2
62.5°	12698.7	13055.1	13071.0	13086.1	13102.0	13117.9	13080.2	13042.6	13004.9	12967.3	12778.2
65°	12150.6	12374.0	12378.2	12381.6	12385.7	12389.9	12294.5	12200.0	12104.6	12009.2	11964.0
67.5°	10523.2	10538.3	10627.0	10715.7	10804.4	10893.1	10900.6	10908.1	10916.5	10924.0	10858.8
70°	8497.6	8410.6	8506.8	8603.0	8699.2	8795.4	8836.4	8877.4	8919.3	8960.3	8990.4
72.5°	6616.7	6471.9	6543.0	6614.2	6686.1	6757.2	6696.1	6635.1	6574.0	6512.9	6706.2
75°	5023.6	4845.4	4836.2	4827.8	4818.6	4810.2	4779.3	4748.3	4716.5	4685.5	4866.3
77.5°	3847.2	3731.7	3737.6	3742.6	3748.4	3753.5	3721.7	3690.7	3658.9	3627.1	3696.6
80°	3188.7	3219.6	3220.5	3221.3	3222.2	3223.0	3192.9	3163.6	3133.5	3103.3	3053.1
82.5°	2556.1	2639.0	2638.1	2638.1	2637.3	2636.5	2634.8	2633.1	2630.6	2628.9	2546.9
85°	1831.5	1886.8	1829.9	1773.0	1716.1	1659.2	1701.0	1742.9	1785.5	1827.4	1793.1
87.5°	620.0	568.1	500.3	433.4	365.6	297.9	370.7	443.5	517.1	589.9	631.7
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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460

CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2	1818.2
2.5°	2193.8	2185.5	2177.9	2125.2	2071.7	2019.0	1965.4	2062.5	2160.4	2257.4	2354.5
5°	2781.2	2763.6	2746.9	2742.7	2738.5	2733.5	2729.3	2778.7	2828.1	2876.6	2926.0
7.5°	3152.7	3139.3	3125.9	3090.8	3056.5	3021.3	2986.2	3016.3	3045.6	3075.7	3105.0
10°	3435.5	3406.2	3376.9	3300.8	3225.5	3149.4	3073.2	3050.6	3028.0	3005.4	2982.9
12.5°	3798.6	3726.7	3655.6	3569.4	3482.4	3396.2	3309.2	3297.5	3285.7	3274.9	3263.1
15°	4082.3	4059.7	4037.1	3968.5	3899.9	3831.3	3762.7	3670.6	3577.7	3485.7	3393.7
17.5°	4079.8	4043.8	4008.7	4100.7	4191.9	4283.9	4375.1	4277.2	4178.5	4080.6	3982.7
20°	4207.0	4186.0	4166.0	4335.8	4504.8	4674.7	4843.7	4790.1	4735.7	4682.2	4627.8
22.5°	4541.6	4622.0	4701.4	4847.0	4991.8	5137.4	5282.1	5343.2	5404.3	5465.4	5526.4
25°	4893.1	5023.6	5154.1	5370.8	5586.7	5803.4	6020.1	6063.6	6107.1	6150.6	6194.1
27.5°	4752.5	4885.5	5018.6	5182.5	5345.7	5509.7	5672.9	5863.6	6055.2	6246.0	6436.8
30°	4707.3	4854.6	5001.0	5226.1	5450.3	5675.4	5900.4	6163.2	6425.9	6687.8	6950.5
32.5°	4745.0	4952.5	5160.0	5464.5	5768.2	6072.8	6377.4	6653.5	6930.4	7206.5	7482.7
35°	5217.7	5393.4	5568.3	5908.8	6249.3	6589.9	6930.4	7254.2	7578.0	7901.0	8224.8
37.5°	5668.7	5834.3	6000.0	6348.1	6695.3	7043.4	7391.5	7902.7	8414.7	8926.0	9437.2
40°	6312.9	6454.3	6594.9	6892.8	7190.6	7488.5	7786.4	8403.0	9019.7	9636.3	10253.0
42.5°	7049.2	7155.5	7260.9	7569.7	7878.4	8187.2	8495.9	9166.9	9838.8	10509.8	11180.9
45°	7950.4	8043.2	8136.1	8348.6	8561.2	8774.5	8987.0	9679.0	10371.0	11062.9	11754.9
47.5°	9140.2	9020.5	8900.9	9005.5	9110.0	9214.6	9319.2	10003.6	10688.1	11371.7	12056.1
50°	9896.5	9771.0	9645.5	9654.7	9663.1	9672.3	9681.5	10319.9	10958.3	11595.9	12234.3
52.5°	10902.3	10627.8	10354.2	10351.7	10349.2	10345.9	10343.3	10899.8	11457.0	12013.4	12569.8
55°	11727.3	11426.9	11126.5	11067.9	11009.4	10950.0	10891.4	11441.9	11991.7	12542.2	13091.9
57.5°	12434.3	12042.7	11652.0	11559.9	11467.9	11375.8	11283.8	11877.0	12471.1	13064.3	13657.5
60°	12748.9	12493.7	12239.3	12126.4	12013.4	11900.5	11787.5	12292.9	12798.2	13302.8	13808.1
62.5°	12589.9	12400.8	12212.5	12238.5	12264.4	12290.4	12316.3	12605.0	12894.5	13183.1	13471.8
65°	11919.7	11874.5	11830.2	12039.3	12248.5	12457.7	12666.9	12671.1	12675.2	12679.4	12683.6
67.5°	10793.5	10728.2	10663.0	11098.1	11532.3	11967.4	12402.5	12195.8	11989.1	11783.3	11576.6
70°	9019.7	9049.8	9079.1	9671.5	10263.0	10855.4	11447.8	11148.3	10847.9	10548.3	10248.0
72.5°	6899.5	7093.6	7286.9	7901.0	8515.1	9129.3	9743.4	9401.2	9058.2	8716.0	8372.9
75°	5047.0	5227.7	5408.5	6015.1	6621.7	7229.1	7835.7	7429.1	7022.5	6616.7	6210.0
77.5°	3766.0	3836.3	3905.7	4410.3	4914.0	5418.5	5922.2	5513.9	5105.6	4698.1	4289.8
80°	3003.8	2953.6	2904.2	3183.7	3463.1	3742.6	4022.0	3732.5	3442.2	3152.7	2863.2
82.5°	2465.8	2383.8	2302.6	2406.4	2510.1	2614.7	2718.5	2486.7	2254.9	2023.2	1791.4
85°	1758.8	1724.4	1690.1	1720.3	1749.5	1779.7	1809.8	1583.9	1358.0	1132.9	907.0
87.5°	672.7	714.5	756.4	804.1	850.9	898.6	945.5	740.5	535.5	331.3	126.3
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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-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: P368460  
 CATALOG NUMBER: MSA-SA4C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1818.2	1818.2
2.5°	2394.6	2434.8
5°	2925.1	2924.3
7.5°	3091.6	3077.4
10°	2946.0	2909.2
12.5°	3154.4	3044.8
15°	3284.9	3175.3
17.5°	3817.9	3652.2
20°	4431.2	4233.7
22.5°	5226.1	4925.7
25°	5835.2	5475.4
27.5°	6223.4	6009.2
30°	6705.4	6460.2
32.5°	7301.9	7120.4
35°	8059.1	7892.6
37.5°	9385.3	9332.6
40°	10190.2	10126.6
42.5°	11183.4	11185.1
45°	11792.5	11830.2
47.5°	12151.5	12246.0
50°	12437.6	12640.1
52.5°	12846.8	13123.7
55°	13460.1	13827.4
57.5°	13970.5	14283.4
60°	13970.5	14131.9
62.5°	13467.6	13462.6
65°	12605.8	12527.1
67.5°	11477.9	11379.2
70°	10094.0	9939.2
72.5°	8181.3	7988.9
75°	5946.5	5682.1
77.5°	4164.3	4037.9
80°	2924.3	2985.4
82.5°	1878.4	1965.4
85°	893.6	880.2
87.5°	105.4	84.5
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: P368460  
CATALOG NUMBER: MSA-SA4C-727-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)