

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: P367448

Luminaire Tested: **MSA-SA2C-740-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367448
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-SA2C-740-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) 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: 10568 lumens
Efficiency: N/A
Efficacy: 93.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

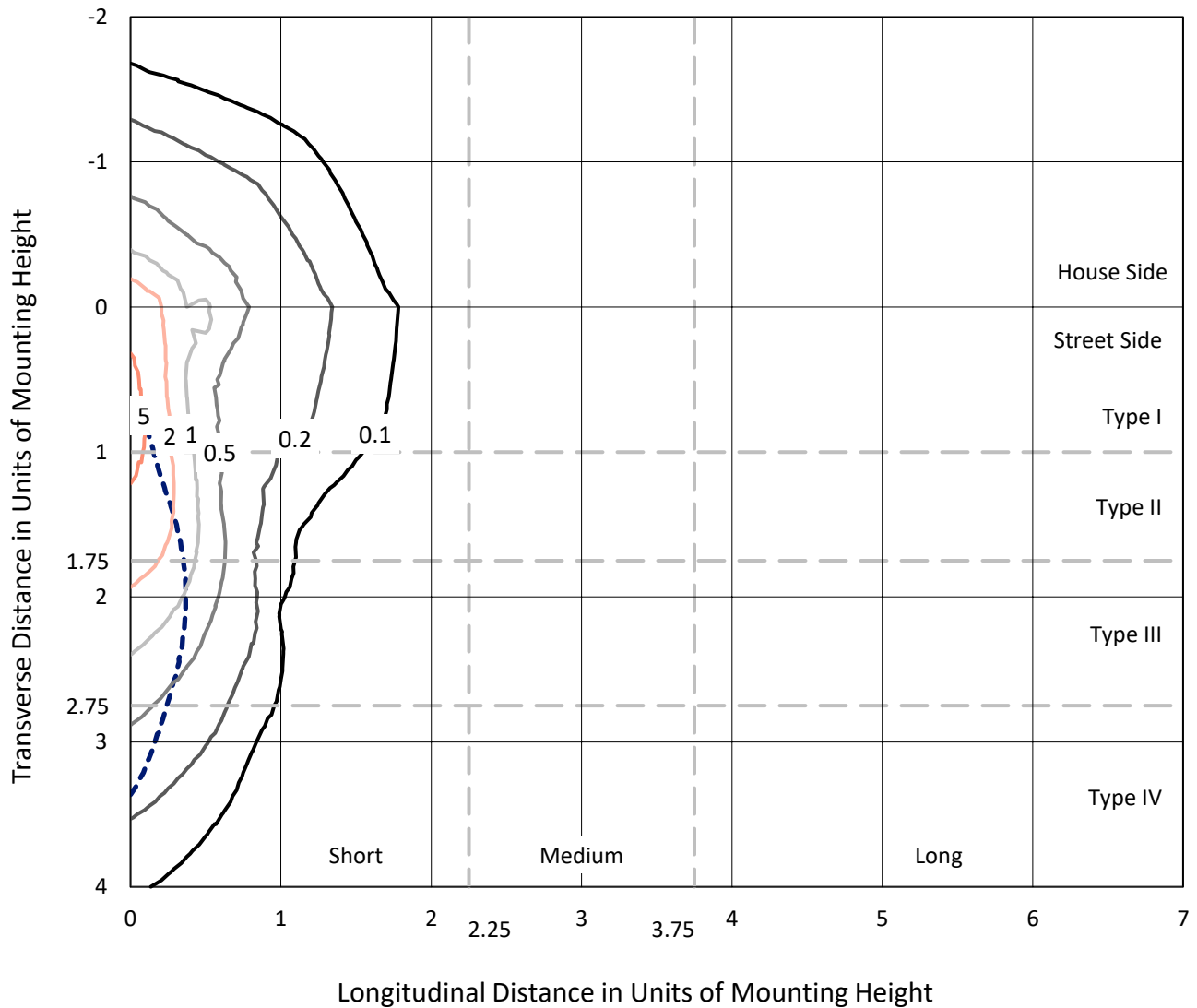
Input Watts (W): 113
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

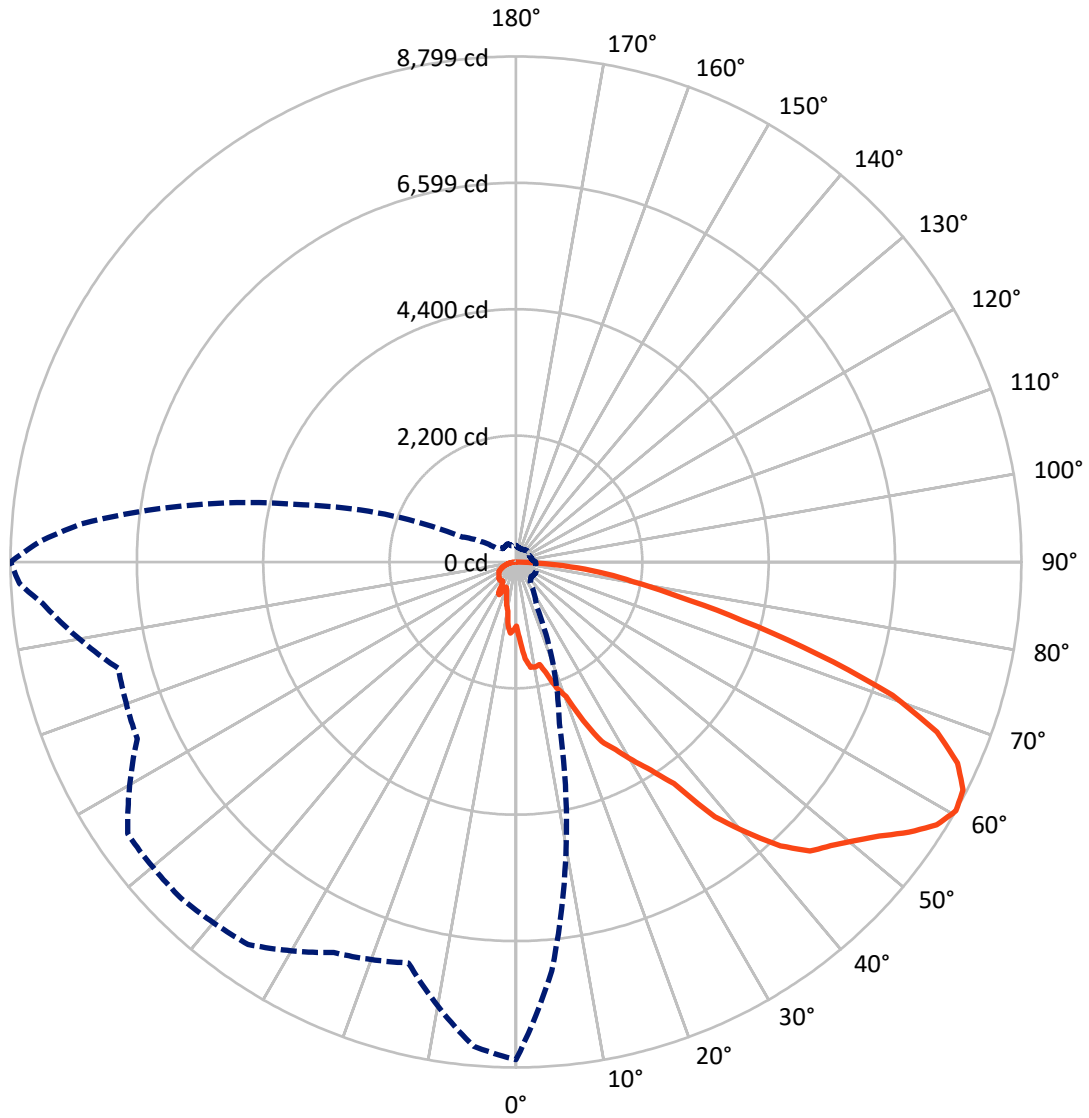
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 270-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2046.8	0.0	2046.8
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	8521.2	0.0	8521.2
	% Fixture	80.6	0.0	80.6
Total	Lumens	10568.0	0.0	10568.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.8	1.2
10°-20°	371.3	3.5
20°-30°	655.5	6.2
30°-40°	1020.9	9.7
40°-50°	1680.8	15.9
50°-60°	2399.1	22.7
60°-70°	2543.9	24.1
70°-80°	1405.1	13.3
80°-90°	363.5	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°	10568.0	100.0
0°-180°	10568.0	100.0

Coefficient of Utilization



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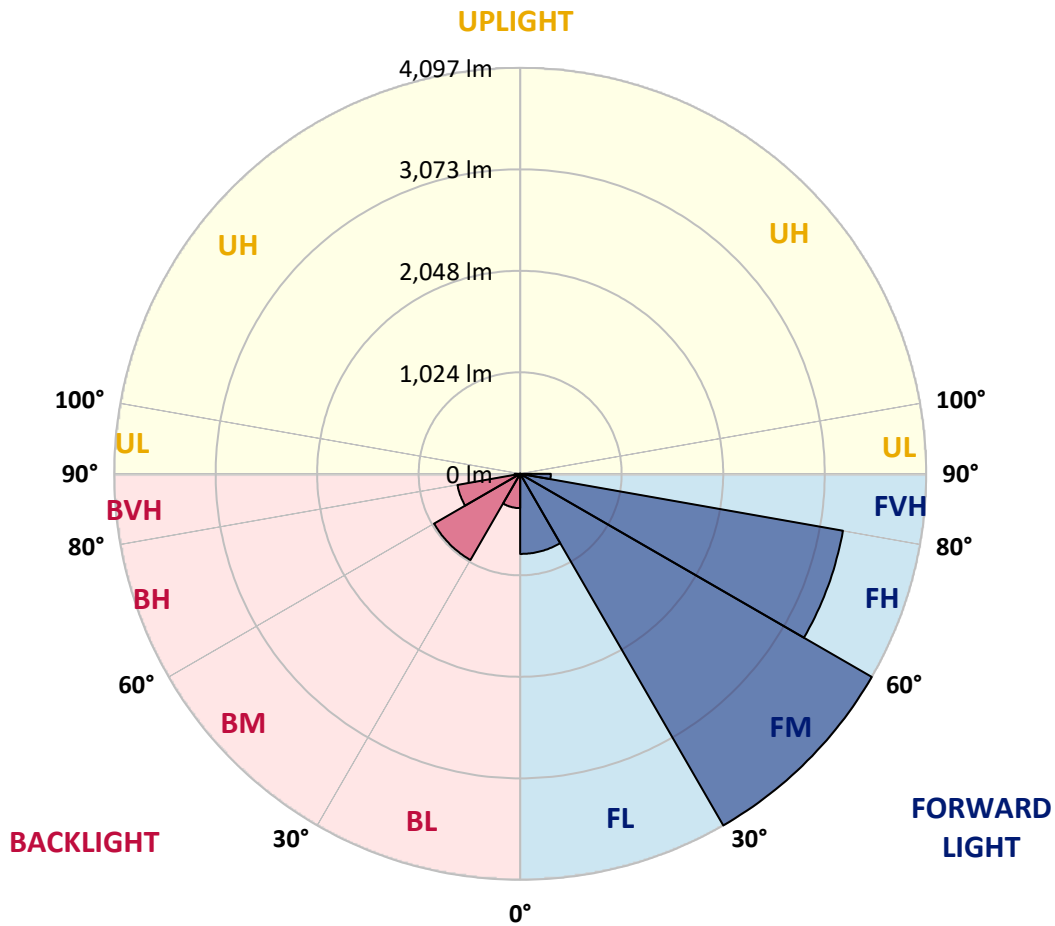
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	808.6	7.7			
FM (30°-60°)	4096.8	38.8			
FH (60°-80°)	3306.8	31.3			G2/5000
FVH (80°-90°)	309.0	2.9			G3/500
BL (0°-30°)	346.0	3.3	B1/500		
BM (30°-60°)	1004.0	9.5	B2/2500		
BH (60°-80°)	642.2	6.1	B2/1000		G2/1000
BVH (80°-90°)	54.6	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV 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°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1492.7	1501.9	1510.6	1493.2	1475.8	1457.8	1440.4	1414.2	1387.5	1361.4	1334.7
5°	1792.8	1758.9	1724.6	1710.7	1697.4	1683.5	1669.7	1656.8	1644.0	1630.7	1617.9
7.5°	1886.6	1838.4	1789.7	1769.2	1748.7	1727.6	1707.1	1660.9	1614.8	1568.1	1521.9
10°	1783.5	1733.3	1682.5	1662.5	1642.0	1622.0	1601.4	1545.0	1489.1	1432.7	1376.3
12.5°	1866.6	1815.3	1763.5	1699.9	1636.3	1572.2	1508.6	1477.3	1446.0	1414.2	1382.9
15°	1946.7	1877.4	1807.6	1744.0	1680.4	1616.3	1552.7	1490.1	1427.6	1365.0	1302.4
17.5°	2239.0	2123.6	2008.2	1893.3	1777.9	1663.0	1547.6	1475.3	1402.4	1330.1	1257.2
20°	2595.5	2435.0	2273.9	2099.5	1924.6	1750.2	1575.3	1484.0	1393.2	1301.9	1210.6
22.5°	3019.8	2817.1	2614.5	2394.5	2174.4	1953.8	1733.8	1601.4	1469.1	1336.2	1203.9
25°	3356.8	3161.8	2966.9	2687.9	2408.8	2129.8	1850.7	1700.4	1550.1	1399.3	1249.0
27.5°	3684.0	3373.7	3062.8	2743.3	2424.2	2104.6	1785.1	1646.1	1507.1	1368.0	1229.0
30°	3960.5	3714.3	3468.1	3051.0	2634.0	2216.5	1799.4	1628.6	1457.8	1287.0	1116.2
32.5°	4365.2	4013.9	3662.0	3227.0	2792.0	2357.0	1922.0	1703.5	1485.0	1266.5	1048.0
35°	4838.7	4473.5	4108.2	3570.2	3032.6	2494.5	1956.4	1725.1	1493.2	1261.9	1030.0
37.5°	5721.5	5077.7	4433.5	3846.1	3258.8	2671.0	2083.6	1814.8	1546.0	1276.7	1008.0
40°	6208.3	5613.3	5018.2	4286.2	3554.3	2821.8	2089.8	1814.8	1539.4	1264.4	989.0
42.5°	6857.2	6104.7	5351.6	4560.2	3769.2	2977.7	2186.2	1881.5	1576.8	1271.6	966.9
45°	7252.7	6414.0	5574.8	4728.9	3883.1	3037.2	2191.3	1882.0	1572.7	1263.4	954.1
47.5°	7507.6	6702.3	5896.4	4985.9	4075.4	3164.4	2253.9	1925.6	1596.8	1268.5	939.7
50°	7749.2	6951.5	6153.4	5208.0	4263.2	3317.8	2372.4	2013.9	1655.3	1296.2	937.7
52.5°	8045.7	7311.1	6576.1	5562.0	4547.3	3533.2	2518.6	2128.2	1737.9	1347.5	957.2
55°	8477.1	7753.3	7029.0	5940.5	4851.5	3763.0	2674.0	2240.6	1807.6	1374.2	940.8
57.5°	8756.6	8022.6	7288.6	6178.5	5068.5	3958.0	2847.9	2367.8	1887.7	1407.0	926.9
60°	8663.8	7906.7	7149.0	6090.8	5032.6	3974.4	2916.1	2397.5	1879.5	1360.9	842.3
62.5°	8253.4	7448.6	6643.8	5695.8	4748.4	3800.5	2852.5	2325.2	1798.4	1271.1	743.8
65°	7679.9	6847.9	6015.4	5160.3	4305.2	3450.1	2595.0	2116.4	1637.3	1158.8	679.7
67.5°	6976.2	6108.8	5240.8	4483.7	3726.6	2969.0	2211.9	1811.8	1412.2	1012.1	612.0
70°	6093.4	5240.8	4388.3	3733.3	3078.2	2423.2	1768.2	1467.0	1166.5	865.4	564.2
72.5°	4897.7	4162.1	3426.5	2911.0	2395.5	1880.0	1364.5	1155.2	946.4	737.1	527.8
75°	3483.5	3051.0	2618.6	2217.5	1816.4	1414.7	1013.6	878.2	742.8	607.3	471.9
77.5°	2475.5	2220.6	1965.6	1651.2	1336.8	1022.3	707.9	628.4	549.4	469.9	390.4
80°	1830.2	1617.3	1404.5	1167.5	930.5	693.5	456.5	417.5	379.1	340.1	301.1
82.5°	1204.9	1109.0	1012.6	824.8	637.1	449.3	261.6	247.2	232.9	218.5	204.2
85°	539.6	569.9	599.6	484.7	369.3	254.4	139.0	132.3	125.7	119.0	112.3
87.5°	51.8	76.4	101.1	86.7	71.8	57.5	42.6	42.1	42.1	41.5	41.0
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



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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°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1341.9	1349.1	1356.2	1363.4	1355.7	1348.0	1339.8	1332.1	1322.4	1312.6	1302.4
5°	1596.3	1574.3	1552.7	1530.7	1497.8	1465.0	1431.7	1398.8	1394.7	1390.1	1386.0
7.5°	1481.4	1441.4	1400.9	1360.4	1309.1	1258.3	1207.0	1155.7	1140.3	1124.9	1109.5
10°	1349.1	1321.4	1294.2	1266.5	1234.7	1202.9	1170.6	1138.8	1096.7	1054.1	1012.1
12.5°	1337.8	1292.6	1247.0	1201.9	1182.4	1162.9	1143.4	1123.9	1086.9	1050.0	1012.6
15°	1266.0	1229.0	1192.6	1155.7	1127.5	1099.3	1071.0	1042.8	1013.1	982.8	953.1
17.5°	1215.2	1173.1	1131.1	1089.0	1056.7	1024.4	991.5	959.2	923.3	886.9	851.0
20°	1162.4	1114.6	1066.4	1018.2	977.2	936.7	895.6	854.6	815.1	776.1	736.6
22.5°	1140.8	1077.7	1014.6	951.5	908.4	864.8	821.8	778.2	741.7	705.3	668.9
25°	1173.6	1098.7	1023.3	947.9	890.0	831.5	773.5	715.1	684.8	654.5	623.8
27.5°	1135.2	1040.8	946.9	852.5	790.5	727.9	665.8	603.2	598.6	594.0	588.9
30°	1017.2	918.2	819.2	720.2	663.2	605.8	548.9	491.4	480.6	469.4	458.6
32.5°	946.9	845.9	744.8	643.8	593.0	541.7	490.9	439.6	427.3	415.0	402.7
35°	920.2	810.5	700.7	590.9	547.3	503.7	460.1	416.5	407.8	399.6	390.9
37.5°	898.7	789.9	680.7	571.4	529.4	487.3	444.7	402.7	396.0	389.3	382.7
40°	878.2	767.9	657.1	546.3	508.9	471.9	434.5	397.0	392.9	388.8	384.2
42.5°	859.7	752.5	644.8	537.6	504.2	471.4	438.1	404.7	400.6	396.5	392.4
45°	849.5	744.8	640.2	535.5	511.4	487.3	462.7	438.6	428.8	419.1	408.8
47.5°	841.8	743.8	645.8	547.8	522.7	497.6	472.4	447.3	438.6	429.9	420.6
50°	843.3	749.4	655.0	560.7	530.4	499.6	469.4	438.6	437.5	436.5	435.5
52.5°	857.1	757.6	657.6	557.6	524.8	491.9	458.6	425.8	432.4	438.6	445.2
55°	837.1	733.5	629.4	525.8	494.5	463.7	432.4	401.1	409.9	418.1	426.8
57.5°	814.6	702.2	589.9	477.6	454.0	430.4	406.3	382.7	391.9	401.6	410.9
60°	739.7	637.1	534.5	431.9	416.0	400.1	384.2	368.3	372.4	376.5	380.6
62.5°	657.6	570.9	484.7	398.1	385.7	372.9	360.6	347.8	347.8	348.3	348.3
65°	605.3	530.9	456.5	382.2	368.3	354.5	340.1	326.2	324.2	322.1	320.1
67.5°	553.0	494.5	435.5	376.5	356.5	337.0	317.0	297.0	294.4	292.4	289.8
70°	511.9	459.6	407.3	355.0	332.4	310.3	287.8	265.2	263.1	261.6	259.6
72.5°	478.6	429.9	380.6	331.4	307.8	283.7	260.1	236.0	234.4	232.9	230.8
75°	428.3	385.2	341.6	298.0	274.9	252.4	229.3	206.2	204.2	202.6	200.6
77.5°	354.5	318.0	282.1	245.7	227.8	210.3	192.4	174.4	173.4	172.4	170.8
80°	272.9	244.7	216.0	187.7	175.9	163.6	151.8	139.5	139.0	138.5	137.5
82.5°	187.2	170.3	153.4	136.4	127.7	118.5	109.8	100.5	101.1	101.6	102.1
85°	106.7	100.5	94.9	88.7	81.6	74.9	67.7	60.5	62.1	63.6	64.6
87.5°	39.0	36.9	34.9	32.8	29.2	26.2	22.6	19.0	20.0	21.5	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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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: P367448

CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1292.6	1277.3	1261.9	1246.5	1231.1	1199.3	1168.0	1136.2	1104.4	1123.9	1143.9
5°	1381.4	1355.2	1328.6	1302.4	1275.7	1260.8	1246.0	1231.1	1216.2	1223.9	1232.1
7.5°	1094.1	1078.7	1062.8	1047.5	1031.6	1024.9	1018.7	1012.1	1005.4	1024.4	1043.3
10°	969.5	947.9	926.4	904.3	882.8	870.0	857.1	844.3	831.5	836.6	841.8
12.5°	975.6	943.8	912.0	880.2	848.4	829.4	810.5	791.5	772.5	777.1	781.7
15°	922.8	890.0	857.1	824.3	791.5	769.4	746.9	724.8	702.2	694.5	686.3
17.5°	814.6	778.7	742.8	706.9	670.9	656.1	641.2	626.3	611.4	603.2	595.0
20°	697.1	663.8	630.4	597.1	563.7	553.5	543.2	532.4	522.2	517.1	511.4
22.5°	632.5	612.0	590.9	570.4	549.4	537.6	526.3	514.5	502.7	497.1	490.9
25°	593.5	597.6	602.2	606.3	610.4	605.3	599.6	594.5	588.9	590.9	592.5
27.5°	584.3	593.0	602.2	610.9	619.6	624.3	628.9	633.5	638.1	639.7	641.2
30°	447.3	451.9	456.0	460.6	464.7	477.6	490.4	502.7	515.5	535.5	556.0
32.5°	390.4	388.8	387.3	385.2	383.7	386.8	389.8	392.4	395.5	402.7	410.4
35°	382.2	378.6	374.5	370.9	366.8	368.3	369.8	371.4	372.9	378.6	384.2
37.5°	376.0	374.5	373.4	371.9	370.4	373.9	377.0	380.6	383.7	388.3	392.9
40°	380.1	379.6	379.1	378.0	377.5	379.6	381.6	383.7	385.7	391.9	398.1
42.5°	388.3	388.3	387.8	387.8	387.3	389.3	390.9	392.9	394.5	398.1	401.6
45°	399.1	398.1	397.5	396.5	395.5	395.0	395.0	394.5	393.9	396.0	398.6
47.5°	411.9	408.3	404.2	400.6	396.5	395.5	393.9	392.9	391.4	392.4	393.4
50°	434.5	424.7	415.5	405.7	396.0	393.4	390.9	388.3	385.7	385.2	385.2
52.5°	451.4	437.0	422.7	408.3	393.9	389.3	384.7	380.1	375.5	374.5	373.9
55°	435.0	424.2	414.0	403.2	392.4	385.7	378.6	371.9	364.7	363.2	361.6
57.5°	420.1	413.4	406.8	400.1	393.4	386.8	379.6	372.9	365.7	362.1	358.6
60°	384.7	384.7	385.2	385.2	385.2	378.0	370.9	363.7	356.5	352.9	349.8
62.5°	348.3	353.9	359.1	364.7	369.8	360.1	349.8	340.1	329.8	327.3	325.2
65°	318.0	319.6	321.6	323.2	324.7	317.0	309.3	301.6	293.9	292.4	290.3
67.5°	287.3	286.7	286.2	285.2	284.7	280.1	274.9	270.3	265.2	263.1	261.1
70°	257.5	257.0	256.5	255.5	254.9	250.8	246.7	242.6	238.5	237.0	235.4
72.5°	229.3	228.8	227.8	227.2	226.2	222.6	219.5	216.0	212.4	210.3	208.3
75°	198.5	197.5	196.5	195.4	194.4	191.3	188.3	184.7	181.6	179.5	177.5
77.5°	169.8	168.2	166.7	164.7	163.1	160.6	157.5	154.9	151.8	149.3	147.2
80°	137.0	135.9	134.9	133.4	132.3	129.8	127.2	124.1	121.6	118.5	115.9
82.5°	102.6	102.1	101.1	100.5	99.5	96.9	94.4	91.8	89.3	86.2	83.1
85°	66.2	65.7	65.1	64.6	64.1	62.1	60.5	58.5	56.4	53.3	50.8
87.5°	23.6	22.6	22.1	21.0	20.0	19.5	18.5	18.0	16.9	15.4	13.8
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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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: P367448

CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1163.4	1182.9	1183.4	1183.4	1192.6	1201.3	1183.4	1165.4	1147.0	1129.0	1111.1
5°	1239.8	1247.5	1245.5	1242.9	1231.6	1220.3	1208.5	1196.7	1184.9	1173.1	1173.6
7.5°	1062.3	1081.3	1096.7	1111.6	1097.2	1082.8	1075.2	1067.5	1059.8	1052.1	1051.0
10°	846.4	851.5	857.7	863.3	854.6	845.3	860.7	876.1	891.0	906.4	889.5
12.5°	786.4	791.0	780.2	768.9	765.3	761.7	758.1	754.0	750.5	746.3	744.3
15°	678.6	670.4	662.2	653.5	651.5	648.9	646.3	643.2	640.7	637.6	628.4
17.5°	586.8	578.6	564.8	550.4	544.8	538.6	537.1	535.5	533.5	531.9	523.2
20°	506.3	500.6	497.1	492.9	487.3	481.7	476.0	470.4	464.2	458.6	450.4
22.5°	485.3	479.1	474.5	469.4	468.3	467.3	457.0	446.3	436.0	425.2	420.6
25°	594.5	596.1	567.8	539.1	536.5	534.0	515.5	496.5	478.1	459.1	443.2
27.5°	642.2	643.8	642.7	641.7	633.5	624.8	593.5	561.7	530.4	498.6	476.0
30°	576.0	596.1	603.7	611.4	605.8	599.6	566.8	534.5	501.7	468.8	454.0
32.5°	417.5	424.7	437.5	449.9	456.5	462.7	452.4	442.2	431.9	421.6	419.1
35°	389.3	395.0	397.5	400.1	396.0	391.9	384.2	376.5	368.3	360.6	359.1
37.5°	397.0	401.6	406.8	411.9	400.6	388.8	380.1	371.9	363.2	354.5	347.3
40°	404.2	410.4	413.4	416.5	405.2	393.9	383.2	372.9	362.1	351.4	344.2
42.5°	405.2	408.8	414.5	420.1	404.2	387.8	378.0	367.8	358.0	347.8	340.6
45°	400.6	402.7	407.8	412.9	394.5	375.5	366.8	357.5	348.8	339.6	333.4
47.5°	393.9	395.0	399.1	402.7	383.2	363.2	355.0	346.8	338.0	329.8	323.7
50°	384.7	384.2	387.3	389.8	369.8	349.8	341.6	333.9	325.7	317.5	312.4
52.5°	372.9	371.9	375.0	377.5	356.5	335.5	328.3	321.6	314.4	307.3	303.2
55°	359.6	358.0	360.6	363.2	342.7	321.6	315.5	308.8	302.6	296.0	292.4
57.5°	354.5	350.9	352.4	353.9	330.9	307.8	301.6	295.5	289.3	283.2	280.6
60°	346.2	342.7	344.2	345.2	320.6	295.5	289.8	283.7	278.0	271.9	269.3
62.5°	322.6	320.1	322.1	324.2	302.1	279.6	274.4	269.8	264.7	259.6	256.0
65°	288.8	286.7	290.8	294.9	276.0	257.0	253.9	250.8	247.2	244.2	240.6
67.5°	259.0	257.0	261.1	265.2	251.3	237.5	234.4	231.3	228.3	225.2	223.1
70°	233.9	232.4	236.0	239.5	227.8	216.0	212.9	210.3	207.2	204.2	202.6
72.5°	205.7	203.6	208.3	212.4	202.6	192.4	189.8	186.7	184.2	181.1	180.0
75°	175.4	173.4	177.5	181.1	174.4	167.2	164.7	162.1	159.5	157.0	156.5
77.5°	144.7	142.1	146.2	149.8	145.7	141.1	139.0	136.4	134.4	131.8	131.8
80°	112.8	109.8	112.8	115.4	113.9	112.3	110.8	108.7	107.2	105.2	105.7
82.5°	80.0	76.9	78.5	80.0	81.0	82.1	82.1	82.1	82.1	82.1	82.1
85°	47.7	44.6	45.1	45.7	47.2	48.7	49.2	49.8	50.3	50.8	51.3
87.5°	12.3	10.8	9.7	8.2	9.7	10.8	11.8	12.3	13.3	13.8	13.8
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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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: P367448
 CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1093.1	1074.6	1056.7	1068.0	1078.7	1090.0	1100.8	1101.3	1101.3	1101.8	1101.8
5°	1174.7	1175.2	1175.7	1164.9	1154.7	1143.9	1133.1	1127.5	1121.8	1115.7	1110.0
7.5°	1049.5	1048.5	1046.9	1036.7	1026.4	1016.2	1005.9	981.3	956.1	931.5	906.4
10°	872.0	855.1	837.7	833.5	830.0	825.9	821.8	815.1	808.9	802.3	795.6
12.5°	742.2	740.2	738.1	727.4	716.6	705.3	694.5	694.5	694.5	694.5	694.5
15°	618.6	609.4	599.6	594.5	588.9	583.7	578.1	575.5	573.0	570.4	567.8
17.5°	514.0	505.3	496.0	495.0	494.0	492.9	491.9	489.4	486.8	484.2	481.7
20°	442.2	434.0	425.8	428.8	431.9	434.5	437.5	435.0	432.4	429.3	426.8
22.5°	415.5	410.9	405.7	403.2	400.6	397.5	395.0	395.0	395.5	395.5	395.5
25°	427.8	411.9	396.0	388.3	380.6	372.4	364.7	361.6	359.1	356.0	352.9
27.5°	453.5	430.4	407.8	394.5	381.1	367.8	354.5	348.8	342.7	337.0	330.9
30°	438.6	423.7	408.3	392.9	377.5	362.1	346.8	339.6	332.4	324.7	317.5
32.5°	416.5	413.4	410.9	396.5	382.2	367.3	352.9	349.8	347.3	344.2	341.1
35°	357.0	355.5	353.4	349.8	346.2	342.7	339.1	335.0	330.9	326.8	322.6
37.5°	340.6	333.4	326.2	324.7	323.2	321.6	320.1	318.5	317.0	315.0	313.4
40°	337.0	329.8	322.6	320.1	317.5	314.4	311.9	312.4	313.4	313.9	314.4
42.5°	332.9	325.7	318.0	316.0	313.9	311.9	309.8	310.3	311.4	311.9	312.4
45°	327.8	321.6	315.5	311.9	308.8	305.2	301.6	304.7	307.8	310.3	313.4
47.5°	317.5	310.8	304.7	302.6	300.6	298.0	296.0	299.1	302.1	304.7	307.8
50°	306.7	301.6	296.0	295.5	294.9	293.9	293.4	295.5	297.5	299.6	301.6
52.5°	298.5	294.4	289.8	289.8	289.3	289.3	288.8	290.8	292.9	294.4	296.5
55°	289.3	285.7	282.1	282.6	283.7	284.2	284.7	286.7	289.3	291.4	293.4
57.5°	277.5	274.9	271.9	273.9	275.5	277.5	279.0	280.6	282.6	284.2	285.7
60°	266.2	263.7	260.6	262.6	265.2	267.2	269.3	270.8	272.4	273.9	275.5
62.5°	252.4	248.3	244.7	247.8	250.3	253.4	256.0	257.0	258.5	259.6	260.6
65°	237.5	233.9	230.3	232.4	234.4	236.0	238.0	239.5	241.1	242.6	244.2
67.5°	220.6	218.5	216.0	217.5	219.0	220.6	222.1	222.6	222.6	223.1	223.1
70°	200.6	199.0	197.0	198.0	199.5	200.6	201.6	201.6	201.6	201.1	201.1
72.5°	179.5	178.5	177.5	178.0	179.0	179.5	180.0	179.5	179.0	178.5	178.0
75°	155.9	155.4	154.9	155.4	156.5	157.0	157.5	157.0	155.9	155.4	154.4
77.5°	132.3	132.3	132.3	132.3	132.9	132.9	132.9	131.8	130.8	129.8	128.8
80°	106.2	106.7	107.2	107.2	107.2	107.2	107.2	106.2	105.2	103.6	102.6
82.5°	82.1	82.1	82.1	82.1	82.6	82.6	82.6	80.0	78.0	75.4	72.8
85°	51.3	51.8	51.8	52.3	52.8	52.8	53.3	49.8	46.7	43.1	39.5
87.5°	13.8	13.8	13.8	13.8	13.8	13.3	13.3	10.3	6.7	3.6	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: P367448
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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: P367448

CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1104.9	1108.0	1110.5	1113.6	1114.1	1114.6	1114.6	1115.2	1104.4	1093.6	1082.3
5°	1117.7	1124.9	1132.6	1139.8	1138.2	1136.7	1135.2	1133.6	1130.6	1128.0	1124.9
7.5°	900.7	895.6	890.0	884.3	888.9	893.6	898.2	902.8	904.9	906.9	908.4
10°	782.8	769.9	757.1	744.3	737.1	729.4	722.2	714.5	713.5	713.0	712.0
12.5°	681.2	667.4	654.0	640.2	636.1	631.4	627.3	622.7	626.8	630.9	634.5
15°	562.2	557.1	551.4	545.8	550.4	555.0	559.6	564.2	568.4	571.9	576.0
17.5°	479.1	477.0	474.5	471.9	476.0	480.6	484.7	488.8	498.1	507.3	516.5
20°	424.7	423.2	421.1	419.1	417.5	415.5	414.0	411.9	425.2	438.1	451.4
22.5°	392.4	389.3	386.3	383.2	383.7	384.2	384.2	384.7	395.5	406.8	417.5
25°	351.9	350.9	349.8	348.8	351.9	355.0	357.5	360.6	370.4	380.1	389.3
27.5°	331.4	331.9	332.4	332.9	337.0	341.6	345.7	349.8	356.5	363.2	369.8
30°	320.1	323.2	325.7	328.3	329.8	331.4	332.9	334.4	341.1	347.3	353.9
32.5°	337.0	332.9	328.3	324.2	326.2	328.8	330.9	332.9	339.1	345.2	351.4
35°	321.1	319.1	317.5	315.5	318.0	320.6	322.6	325.2	330.9	336.0	341.6
37.5°	312.9	312.4	311.9	311.4	312.9	314.4	315.5	317.0	322.1	327.3	331.9
40°	312.4	309.8	307.8	305.2	306.7	308.3	309.3	310.8	317.0	323.2	329.3
42.5°	309.3	306.2	302.6	299.6	301.1	303.2	304.7	306.2	312.9	319.1	325.7
45°	308.8	304.2	299.1	294.4	296.5	298.5	300.6	302.6	307.8	312.9	317.5
47.5°	303.2	298.5	293.9	289.3	290.3	291.4	291.9	292.9	297.5	301.6	306.2
50°	298.5	294.9	291.9	288.3	286.7	285.7	284.2	282.6	286.2	289.8	293.4
52.5°	292.9	289.3	285.2	281.6	279.6	277.5	275.5	273.4	276.5	279.0	282.1
55°	289.3	284.7	280.6	276.0	273.4	270.8	268.3	265.7	267.8	269.3	271.4
57.5°	281.6	277.5	272.9	268.8	265.7	262.6	259.0	256.0	257.0	258.0	259.0
60°	271.4	266.7	262.6	258.0	254.4	250.8	246.7	243.1	243.7	244.7	245.2
62.5°	256.5	252.4	247.8	243.7	239.5	236.0	231.9	227.8	228.8	229.3	230.3
65°	240.1	235.4	231.3	226.7	223.1	219.5	215.4	211.8	212.9	213.9	214.4
67.5°	220.1	216.5	213.4	209.8	206.7	203.1	200.1	196.5	197.0	197.5	198.0
70°	198.5	195.4	192.9	189.8	187.2	184.7	182.1	179.5	179.5	180.0	180.0
72.5°	175.4	172.9	170.3	167.7	165.2	163.1	160.6	158.0	159.0	160.0	160.6
75°	151.8	149.8	147.2	144.7	142.6	140.5	138.0	135.9	137.0	138.0	138.5
77.5°	127.2	125.7	123.6	122.1	120.0	118.0	115.4	113.4	114.4	115.4	115.9
80°	101.6	100.5	99.0	98.0	95.9	93.9	91.8	89.8	90.3	90.3	90.8
82.5°	73.4	73.9	73.9	74.4	72.8	70.8	69.2	67.2	67.2	67.2	66.7
85°	41.0	43.1	44.6	46.2	44.6	43.1	41.5	40.0	39.5	39.5	39.0
87.5°	1.5	2.6	4.1	5.1	4.6	4.1	3.1	2.6	3.1	3.6	3.6
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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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: P367448

CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1071.6	1080.3	1089.0	1097.7	1106.4	1119.8	1133.1	1147.0	1160.8	1153.1	1144.9
5°	1121.8	1127.0	1132.6	1137.7	1142.9	1157.7	1172.1	1190.1	1207.5	1205.4	1202.9
7.5°	910.5	917.7	924.9	931.5	938.7	961.3	983.8	1002.8	1021.8	1019.2	1016.2
10°	711.0	725.8	741.2	756.1	771.0	789.4	807.4	823.3	839.2	865.9	892.0
12.5°	638.6	661.7	684.8	707.9	731.0	744.3	757.1	777.6	798.2	812.5	827.4
15°	579.6	601.2	622.7	644.3	665.8	666.8	667.9	689.4	711.0	723.3	735.1
17.5°	525.8	537.6	549.4	560.7	572.5	568.4	564.2	574.5	584.3	589.4	595.0
20°	464.2	472.4	480.6	488.8	497.1	502.7	507.8	514.0	519.6	514.5	508.9
22.5°	428.3	440.6	453.5	465.8	478.1	481.7	484.7	481.2	477.6	476.0	474.5
25°	399.1	414.0	429.3	444.2	459.1	466.3	473.5	476.5	479.1	473.5	467.8
27.5°	376.5	394.5	411.9	429.9	447.3	460.1	472.9	476.5	479.6	475.5	470.9
30°	360.1	379.6	399.1	418.6	438.1	457.6	476.5	493.5	509.9	508.3	506.8
32.5°	357.5	370.9	384.2	397.5	410.9	423.2	435.0	436.0	436.5	432.4	427.8
35°	346.8	355.5	364.2	372.9	381.6	389.3	396.5	395.5	394.5	390.4	386.3
37.5°	337.0	345.7	355.0	363.7	372.4	385.7	398.6	396.0	392.9	388.8	384.7
40°	335.5	345.2	355.0	364.2	373.9	386.3	398.6	396.0	393.4	388.3	383.2
42.5°	331.9	341.6	350.9	360.6	369.8	384.7	399.1	394.5	389.3	385.2	381.1
45°	322.6	331.4	340.1	348.8	357.5	373.4	389.3	383.7	378.0	376.5	374.5
47.5°	310.3	319.1	327.8	336.5	345.2	361.1	376.5	371.9	366.8	366.2	365.2
50°	297.0	305.2	313.9	322.1	330.3	346.2	361.6	357.5	353.4	353.9	353.9
52.5°	284.7	292.4	299.6	307.3	314.4	330.3	345.7	342.7	339.1	340.1	340.6
55°	272.9	279.0	285.2	291.4	297.5	312.9	328.3	323.7	319.1	320.6	322.1
57.5°	260.1	265.2	270.3	274.9	280.1	295.5	310.3	305.2	299.6	302.1	304.2
60°	245.7	250.3	254.9	259.0	263.7	277.5	290.8	286.2	281.1	284.7	287.8
62.5°	230.8	234.4	238.0	241.6	245.2	258.0	270.8	267.2	263.7	267.8	271.4
65°	215.4	218.0	221.1	223.6	226.2	238.5	250.3	247.8	245.2	248.8	252.4
67.5°	198.5	200.6	203.1	205.2	207.2	218.5	229.8	227.2	224.2	227.2	229.8
70°	180.0	182.1	183.6	185.7	187.2	197.5	207.7	204.2	200.1	203.1	205.7
72.5°	161.6	162.6	164.1	165.2	166.2	173.9	181.6	178.5	175.4	178.5	181.1
75°	139.5	140.5	141.6	142.6	143.6	150.3	156.5	152.9	148.8	151.8	154.9
77.5°	117.0	117.5	118.5	119.0	119.5	124.1	128.2	124.6	120.5	124.1	127.7
80°	90.8	91.3	91.8	91.8	92.3	93.9	95.4	92.8	89.8	94.4	99.0
82.5°	66.7	66.2	66.2	65.7	65.1	65.1	64.6	63.1	61.0	65.1	69.2
85°	38.5	38.0	36.9	36.4	35.4	33.9	32.3	31.8	31.3	34.9	38.5
87.5°	4.1	3.6	2.6	2.1	1.0	0.5	0.0	0.0	0.0	2.1	4.6
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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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: P367448

CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1137.2	1129.0	1121.3	1113.6	1105.9	1098.2	1112.6	1127.0	1141.3	1155.7	1168.5
5°	1200.8	1198.3	1191.6	1185.4	1178.8	1172.1	1175.7	1179.8	1183.4	1187.0	1194.7
7.5°	1013.6	1010.5	1024.9	1038.7	1053.1	1066.9	1070.5	1073.6	1077.2	1080.3	1078.2
10°	918.7	944.9	951.5	957.7	964.4	970.5	980.8	991.0	1000.8	1011.0	1016.7
12.5°	841.8	856.1	879.7	903.8	927.4	951.0	966.4	981.8	997.2	1012.6	1044.4
15°	747.4	759.2	777.1	795.1	813.0	831.0	853.0	875.6	897.7	919.7	954.6
17.5°	600.2	605.3	618.6	632.0	644.8	658.1	687.9	717.1	746.9	776.1	816.1
20°	503.7	498.1	498.1	498.6	498.6	498.6	528.3	557.6	587.3	616.6	669.4
22.5°	472.4	470.9	465.2	459.1	453.5	447.3	462.7	478.6	494.0	509.4	552.5
25°	461.7	456.0	448.8	441.7	434.5	427.3	437.0	446.8	456.5	466.3	500.1
27.5°	466.8	462.2	465.8	468.8	472.4	475.5	478.6	481.7	484.7	487.8	499.6
30°	505.3	503.7	509.4	514.5	520.1	525.3	518.1	511.4	504.2	497.1	501.2
32.5°	423.7	419.1	417.0	415.0	412.9	410.9	410.4	409.9	408.8	408.3	417.5
35°	382.2	378.0	375.0	371.9	368.3	365.2	366.8	367.8	369.3	370.4	380.6
37.5°	380.6	376.5	372.9	369.3	365.2	361.6	363.2	365.2	366.8	368.3	376.0
40°	378.0	372.9	370.9	368.8	366.8	364.7	365.7	366.8	367.3	368.3	373.9
42.5°	376.5	372.4	371.4	370.4	369.3	368.3	369.3	370.4	370.9	371.9	378.6
45°	372.9	370.9	371.9	372.9	373.9	375.0	375.0	375.0	375.0	375.0	382.2
47.5°	364.7	363.7	366.8	369.8	372.9	376.0	381.1	386.3	390.9	396.0	397.5
50°	354.5	354.5	359.6	364.7	369.3	374.5	386.8	398.6	410.9	422.7	415.0
52.5°	341.6	342.1	349.8	357.0	364.7	371.9	383.2	394.5	405.2	416.5	405.2
55°	323.2	324.7	334.4	343.7	353.4	362.7	371.4	380.1	388.8	397.5	385.7
57.5°	306.7	308.8	319.1	328.8	339.1	348.8	353.9	359.6	364.7	369.8	362.1
60°	291.4	294.4	307.8	321.1	333.9	347.3	343.2	339.1	334.4	330.3	329.8
62.5°	275.5	279.0	291.4	303.7	315.5	327.8	321.6	315.5	308.8	302.6	305.2
65°	255.5	259.0	264.7	270.3	275.5	281.1	280.6	280.6	280.1	279.6	284.7
67.5°	232.9	235.4	239.0	242.1	245.7	248.8	250.8	253.4	255.5	257.5	263.7
70°	208.8	211.3	214.9	218.0	221.6	224.7	227.2	229.8	231.9	234.4	240.6
72.5°	184.2	186.7	190.3	193.9	197.0	200.6	202.6	204.7	206.2	208.3	213.4
75°	158.0	161.1	164.7	167.7	171.3	174.4	175.9	177.5	179.0	180.6	185.2
77.5°	131.3	134.9	138.5	142.1	145.7	149.3	149.8	150.3	150.8	151.3	155.4
80°	103.1	107.7	111.3	114.9	118.5	122.1	122.1	122.1	122.1	122.1	124.1
82.5°	73.4	77.5	81.6	85.2	89.3	92.8	92.8	92.3	92.3	91.8	91.8
85°	42.1	45.7	48.2	51.3	53.9	56.4	56.4	56.4	55.9	55.9	54.9
87.5°	6.7	8.7	9.7	11.3	12.3	13.3	12.8	12.8	12.3	11.8	10.3
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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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: P367448

CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1181.3	1194.2	1207.0	1204.9	1202.9	1200.8	1198.8	1206.5	1213.6	1221.3	1228.5
5°	1201.9	1209.5	1216.7	1222.4	1228.0	1233.7	1239.3	1265.5	1291.1	1317.3	1342.9
7.5°	1076.2	1073.6	1071.6	1095.7	1120.3	1144.4	1168.5	1201.9	1235.2	1268.5	1301.9
10°	1022.3	1028.0	1033.6	1043.3	1053.6	1063.4	1073.1	1105.9	1138.8	1171.6	1204.4
12.5°	1075.7	1107.5	1138.8	1146.5	1154.7	1162.4	1170.0	1176.7	1183.4	1189.5	1196.2
15°	989.5	1024.4	1059.2	1079.3	1099.3	1118.8	1138.8	1189.0	1238.8	1289.1	1338.8
17.5°	855.6	895.6	935.1	984.4	1033.6	1082.8	1132.1	1178.3	1224.4	1270.1	1316.2
20°	722.2	774.6	827.4	881.3	934.6	988.5	1041.8	1086.9	1132.1	1176.7	1221.9
22.5°	595.0	638.1	680.7	746.3	811.5	877.2	942.3	1026.4	1110.0	1194.2	1277.8
25°	533.5	567.3	600.7	668.4	736.1	803.3	871.0	980.3	1089.0	1198.3	1307.0
27.5°	511.9	523.7	535.5	597.1	658.1	719.7	780.7	898.7	1016.7	1134.1	1252.1
30°	505.3	509.4	513.5	561.7	609.9	658.1	706.3	822.8	939.7	1056.2	1172.6
32.5°	426.3	435.5	444.2	491.4	538.1	585.3	632.0	749.4	866.4	983.8	1100.8
35°	390.9	401.1	411.4	457.6	503.7	549.4	595.5	719.2	843.3	966.9	1090.5
37.5°	383.7	391.4	399.1	451.4	503.7	556.0	608.4	733.5	858.7	983.8	1109.0
40°	380.1	385.7	391.4	442.2	493.5	544.2	595.0	726.3	857.1	988.5	1119.3
42.5°	384.7	391.4	397.5	443.7	489.4	535.5	581.2	717.1	852.5	988.5	1123.9
45°	388.8	396.0	402.7	445.8	488.8	531.9	575.0	720.2	864.8	1010.0	1154.7
47.5°	398.6	400.1	401.1	438.6	475.5	513.0	549.9	697.6	845.3	992.6	1140.3
50°	406.8	399.1	390.9	429.9	468.3	507.3	545.8	685.8	825.9	965.4	1105.4
52.5°	393.9	382.2	370.9	412.9	455.0	496.5	538.6	678.6	819.2	959.2	1099.3
55°	374.5	362.7	350.9	393.4	436.0	478.6	521.2	660.7	800.7	940.2	1079.8
57.5°	355.0	347.3	339.6	374.5	409.9	444.7	479.6	630.9	781.7	933.1	1083.9
60°	329.3	328.3	327.8	355.0	382.7	409.9	437.0	585.3	733.0	881.3	1029.0
62.5°	307.3	309.8	311.9	333.9	356.0	377.5	399.6	542.7	686.3	829.4	972.6
65°	290.3	295.5	300.6	325.7	350.9	375.5	400.6	520.6	640.7	760.7	880.7
67.5°	269.8	276.0	282.1	315.0	347.8	380.6	413.4	512.4	611.4	710.4	809.4
70°	246.2	252.4	258.0	300.1	341.6	383.7	425.2	513.0	601.2	688.9	776.6
72.5°	218.5	223.6	228.8	273.9	319.1	364.2	409.3	483.7	558.1	632.0	706.3
75°	190.3	194.9	199.5	238.5	277.5	316.5	355.5	412.9	469.9	527.3	584.3
77.5°	159.0	163.1	166.7	192.9	219.0	245.2	271.4	315.5	359.1	403.2	446.8
80°	126.2	128.2	130.3	145.7	160.6	175.9	190.8	220.1	249.3	278.0	307.3
82.5°	92.3	92.3	92.3	102.1	112.3	122.1	131.8	146.7	161.1	175.9	190.3
85°	53.9	52.3	51.3	58.0	64.6	71.3	78.0	84.1	90.3	96.4	102.6
87.5°	8.7	6.7	5.1	9.2	13.3	17.4	21.5	23.6	26.2	28.2	30.3
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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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: P367448

CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1211.1	1194.2	1176.7	1159.3	1184.9	1210.6	1236.2	1261.9	1330.1	1370.6	1373.2
5°	1364.5	1386.0	1407.5	1429.1	1450.6	1472.2	1493.2	1514.8	1625.6	1693.8	1706.6
7.5°	1337.3	1373.2	1408.6	1444.0	1505.0	1566.0	1627.1	1688.1	1782.0	1849.7	1894.3
10°	1248.5	1292.6	1336.8	1380.9	1453.2	1526.0	1598.4	1670.7	1770.2	1859.5	1902.0
12.5°	1266.5	1336.8	1406.5	1476.8	1539.4	1602.5	1665.0	1727.6	1796.4	1830.2	1907.7
15°	1387.5	1436.3	1485.0	1533.7	1628.1	1722.0	1816.4	1910.2	1949.2	2026.7	2096.4
17.5°	1406.0	1495.3	1585.0	1674.3	1789.7	1905.1	2020.5	2135.9	2208.3	2308.3	2392.4
20°	1348.6	1474.7	1601.4	1727.6	1876.4	2025.7	2174.4	2323.2	2415.0	2499.1	2629.4
22.5°	1417.3	1556.8	1695.8	1835.3	2032.8	2229.8	2427.3	2624.3	2816.1	3003.9	3092.1
25°	1493.2	1679.9	1866.1	2052.3	2299.1	2545.3	2792.0	3038.2	3285.0	3460.9	3562.5
27.5°	1439.9	1627.1	1814.8	2002.1	2307.3	2613.0	2918.2	3223.4	3487.6	3699.4	3786.6
30°	1402.4	1632.2	1862.0	2091.8	2449.9	2807.9	3166.0	3524.0	3768.2	4004.6	4132.9
32.5°	1395.7	1690.7	1985.1	2280.1	2697.1	3113.6	3530.7	3947.2	4109.3	4319.1	4491.9
35°	1414.2	1738.4	2062.1	2385.7	2863.8	3341.9	3819.5	4297.5	4527.8	4735.6	4886.9
37.5°	1470.6	1832.3	2193.4	2555.0	3131.1	3707.6	4283.7	4859.7	5246.0	5626.1	5693.8
40°	1502.4	1886.1	2269.3	2652.5	3322.4	3992.3	4662.2	5332.2	5776.4	6193.4	6221.6
42.5°	1539.9	1955.9	2371.4	2787.4	3530.1	4273.4	5016.2	5758.9	6308.8	6757.1	6770.5
45°	1583.0	2010.8	2439.1	2866.9	3642.5	4417.6	5193.1	5968.2	6633.0	7177.8	7044.9
47.5°	1599.9	2060.0	2519.6	2979.2	3806.1	4632.5	5459.4	6285.7	6882.3	7377.8	7250.6
50°	1606.6	2108.2	2609.4	3110.6	3967.2	4824.3	5681.0	6537.6	7144.4	7627.6	7432.7
52.5°	1648.1	2197.0	2745.8	3294.7	4187.2	5079.8	5972.3	6864.9	7461.9	7926.2	7684.0
55°	1704.0	2328.3	2952.0	3576.3	4500.1	5423.5	6347.3	7270.6	7869.7	8301.6	8001.6
57.5°	1755.8	2428.3	3100.3	3772.3	4729.4	5687.1	6644.3	7601.5	8208.3	8635.6	8344.7
60°	1730.7	2432.4	3134.1	3835.9	4776.6	5716.9	6657.6	7597.9	8286.8	8799.2	8650.5
62.5°	1654.8	2337.0	3018.7	3701.0	4594.0	5486.6	6379.6	7272.1	8078.5	8735.6	8728.9
65°	1508.6	2136.5	2763.8	3391.7	4218.0	5044.9	5871.3	6697.6	7648.1	8446.3	8498.1
67.5°	1330.6	1851.8	2372.9	2894.1	3672.2	4450.4	5228.5	6006.7	7022.8	7903.6	7948.2
70°	1158.2	1540.4	1922.0	2303.7	2986.9	3670.2	4352.9	5036.2	6062.6	6953.6	6994.6
72.5°	956.1	1206.0	1455.2	1705.1	2258.5	2812.0	3365.0	3918.5	4819.7	5505.0	5736.4
75°	732.5	880.7	1029.0	1177.2	1625.0	2072.8	2520.1	2968.0	3567.1	4072.9	4333.4
77.5°	523.7	600.7	677.6	754.6	1135.2	1515.8	1895.9	2276.5	2591.4	2878.2	3054.1
80°	343.7	379.6	416.0	451.9	768.4	1084.9	1400.9	1717.4	1909.2	2063.1	2151.8
82.5°	208.3	226.2	243.7	261.6	518.1	774.6	1030.5	1287.0	1396.8	1470.1	1549.1
85°	112.3	122.1	131.8	141.6	306.2	470.4	635.0	799.2	810.0	818.7	936.1
87.5°	32.8	35.9	38.5	41.0	67.7	94.9	121.6	148.2	92.3	57.5	118.0
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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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: P367448

CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1358.3	1351.6	1345.0	1337.8	1331.1	1302.9	1275.2	1247.0	1218.8	1246.0	1272.6
5°	1691.7	1712.2	1732.2	1752.8	1773.3	1774.8	1775.8	1777.4	1778.4	1783.5	1788.7
7.5°	1931.8	1968.2	2004.1	2040.5	2076.9	2105.2	2133.4	2162.1	2190.3	2164.7	2139.0
10°	1952.3	2029.2	2106.2	2183.1	2260.1	2273.9	2287.3	2301.1	2315.0	2333.4	2351.4
12.5°	1972.8	2066.7	2160.0	2253.9	2347.8	2388.8	2429.3	2470.4	2510.9	2530.9	2550.4
15°	2189.8	2245.2	2300.1	2355.5	2410.4	2438.6	2466.3	2494.5	2522.7	2539.6	2556.0
17.5°	2468.8	2489.4	2509.4	2529.9	2550.4	2569.4	2588.4	2607.3	2626.3	2629.4	2632.5
20°	2723.3	2727.4	2731.0	2735.1	2738.7	2698.6	2659.2	2619.1	2579.1	2586.3	2593.0
22.5°	3104.9	3082.3	3060.3	3037.7	3015.7	2940.3	2865.4	2790.0	2715.1	2682.7	2650.9
25°	3679.4	3622.0	3564.5	3507.1	3449.6	3329.6	3210.1	3090.0	2970.5	2900.2	2830.5
27.5°	3864.6	3739.4	3614.8	3489.6	3364.5	3273.7	3183.4	3092.6	3002.3	2891.0	2779.7
30°	4239.0	4041.6	3844.6	3647.1	3449.6	3361.9	3274.2	3186.0	3098.2	2984.4	2871.0
32.5°	4570.9	4365.7	4160.6	3954.9	3749.7	3583.5	3417.3	3251.1	3084.9	3008.0	2931.0
35°	4955.1	4697.1	4439.1	4181.1	3923.1	3780.5	3638.4	3495.8	3353.7	3237.3	3121.3
37.5°	5514.8	5240.3	4965.9	4691.0	4416.5	4223.7	4031.3	3838.4	3646.1	3582.0	3518.3
40°	6048.2	5724.1	5400.4	5076.2	4752.5	4604.8	4457.1	4308.8	4161.1	4052.8	3944.6
42.5°	6495.0	6174.4	5854.3	5533.7	5213.7	5105.9	4998.7	4891.0	4783.8	4694.6	4605.3
45°	6648.4	6386.8	6125.7	5864.1	5602.5	5564.5	5527.1	5489.1	5451.7	5385.5	5319.3
47.5°	6895.1	6628.4	6362.2	6095.4	5828.7	5842.5	5856.4	5870.8	5884.6	5888.2	5891.3
50°	7040.3	6786.9	6534.0	6280.6	6027.7	6094.9	6161.6	6228.8	6296.0	6448.3	6600.2
52.5°	7252.1	7003.4	6755.1	6506.3	6257.5	6371.4	6484.8	6598.6	6712.0	6925.4	7138.8
55°	7517.9	7279.8	7042.3	6804.3	6566.8	6677.6	6787.9	6898.7	7009.0	7246.5	7484.0
57.5°	7870.2	7615.3	7360.9	7105.9	6851.5	6953.6	7055.2	7157.2	7258.8	7484.5	7710.2
60°	8271.4	7994.4	7717.4	7439.9	7162.9	7191.1	7218.8	7247.0	7274.7	7519.4	7763.6
62.5°	8468.4	8211.9	7955.9	7699.4	7443.0	7364.5	7286.0	7207.0	7128.5	7347.5	7566.1
65°	8297.5	8121.1	7945.1	7768.7	7592.2	7453.7	7315.7	7177.2	7038.8	7175.7	7312.2
67.5°	7753.8	7653.8	7554.3	7454.2	7354.2	7121.9	6889.5	6656.6	6424.2	6433.5	6442.2
70°	6872.6	6845.9	6819.7	6793.0	6766.4	6417.1	6068.2	5718.9	5369.6	5316.3	5262.9
72.5°	5755.9	5773.3	5790.2	5807.7	5825.1	5449.6	5074.1	4698.7	4323.2	4234.4	4145.7
75°	4458.1	4554.5	4651.0	4747.9	4844.3	4485.3	4126.2	3766.6	3407.6	3298.3	3189.0
77.5°	3150.0	3330.1	3509.6	3689.7	3869.7	3545.0	3220.8	2896.1	2571.4	2500.6	2429.9
80°	2196.5	2284.7	2372.9	2461.2	2549.4	2386.3	2223.1	2060.0	1896.9	1916.4	1935.4
82.5°	1599.9	1620.4	1640.4	1660.9	1681.5	1614.8	1548.1	1480.9	1414.2	1465.0	1515.8
85°	1024.9	1098.2	1171.1	1244.4	1317.3	1243.4	1169.5	1095.2	1021.3	1055.1	1089.0
87.5°	229.3	362.7	496.0	629.9	763.3	691.5	620.2	548.3	476.5	444.2	412.4
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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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: P367448

CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1299.8	1327.0	1318.8	1311.1	1302.9	1294.7	1309.6	1324.4	1339.8	1354.7	1349.6
5°	1794.3	1799.4	1750.7	1702.5	1653.8	1605.0	1635.3	1665.6	1695.8	1726.1	1715.3
7.5°	2113.4	2087.7	2059.5	2031.3	2002.6	1974.4	1968.2	1962.0	1955.4	1949.2	1941.0
10°	2369.8	2387.8	2369.3	2351.4	2332.9	2314.4	2271.4	2228.3	2184.7	2141.6	2123.6
12.5°	2570.4	2590.4	2595.0	2599.1	2603.8	2608.4	2560.2	2512.4	2464.2	2416.0	2372.4
15°	2573.0	2589.9	2604.8	2619.1	2634.0	2648.4	2618.6	2589.4	2559.6	2529.9	2516.0
17.5°	2636.1	2639.1	2626.8	2615.0	2602.7	2590.9	2579.1	2567.8	2556.0	2544.8	2522.7
20°	2600.2	2607.3	2605.8	2604.3	2602.2	2600.7	2601.7	2602.2	2603.2	2603.8	2591.4
22.5°	2618.6	2586.3	2593.0	2599.1	2605.8	2612.0	2630.4	2648.9	2667.9	2686.3	2735.6
25°	2760.2	2689.9	2679.2	2668.9	2658.1	2647.9	2696.1	2743.8	2792.0	2840.2	2920.2
27.5°	2667.9	2556.6	2531.9	2507.3	2482.7	2458.1	2531.4	2604.3	2677.6	2751.0	2832.5
30°	2757.1	2643.8	2589.4	2535.0	2480.1	2425.8	2496.0	2565.8	2636.1	2705.8	2796.1
32.5°	2854.1	2777.1	2740.7	2704.8	2668.4	2632.5	2638.1	2643.8	2649.4	2655.0	2782.3
35°	3004.9	2888.4	2852.5	2816.6	2780.7	2744.8	2804.8	2864.3	2924.3	2983.9	3091.6
37.5°	3454.2	3390.1	3325.5	3260.8	3195.7	3131.1	3166.5	3201.9	3237.3	3272.6	3374.2
40°	3836.4	3728.1	3717.4	3707.1	3696.3	3685.6	3688.7	3691.2	3694.3	3697.4	3784.1
42.5°	4515.5	4426.3	4371.4	4316.5	4261.6	4206.7	4203.1	4199.6	4195.4	4191.9	4257.0
45°	5252.6	5186.5	5145.4	5104.4	5062.9	5021.8	4956.7	4891.5	4825.9	4760.7	4817.7
47.5°	5894.9	5898.5	5972.8	6046.7	6121.1	6195.5	6084.1	5972.8	5861.5	5750.2	5676.9
50°	6752.5	6904.4	6922.3	6939.8	6957.7	6975.7	6786.9	6598.6	6409.9	6221.1	6144.2
52.5°	7352.7	7566.1	7538.4	7511.2	7483.5	7455.8	7346.5	7237.8	7128.5	7019.3	6851.5
55°	7722.0	7959.5	7938.5	7918.0	7896.9	7875.9	7796.4	7716.9	7637.4	7557.9	7373.7
57.5°	7935.9	8161.6	8167.8	8173.9	8180.1	8186.2	8165.2	8144.2	8123.1	8102.1	7862.6
60°	8008.2	8252.9	8255.5	8257.5	8260.1	8262.1	8228.8	8195.5	8161.6	8128.3	7971.8
62.5°	7785.1	8003.6	8013.4	8022.6	8032.3	8042.1	8019.0	7995.9	7972.8	7949.8	7833.8
65°	7449.1	7586.1	7588.6	7590.7	7593.3	7595.8	7537.3	7479.4	7420.9	7362.4	7334.7
67.5°	6451.4	6460.7	6515.0	6569.4	6623.8	6678.1	6682.8	6687.4	6692.5	6697.1	6657.1
70°	5209.6	5156.2	5215.2	5274.2	5333.2	5392.2	5417.3	5442.4	5468.1	5493.2	5511.7
72.5°	4056.4	3967.7	4011.3	4054.9	4099.0	4142.6	4105.2	4067.7	4030.3	3992.8	4111.3
75°	3079.8	2970.5	2964.9	2959.7	2954.1	2949.0	2930.0	2911.0	2891.5	2872.5	2983.3
77.5°	2358.6	2287.8	2291.4	2294.4	2298.0	2301.1	2281.6	2262.6	2243.1	2223.7	2266.2
80°	1954.9	1973.8	1974.4	1974.9	1975.4	1975.9	1957.4	1939.5	1921.0	1902.5	1871.8
82.5°	1567.1	1617.9	1617.3	1617.3	1616.8	1616.3	1615.3	1614.3	1612.7	1611.7	1561.4
85°	1122.9	1156.7	1121.8	1086.9	1052.1	1017.2	1042.8	1068.5	1094.6	1120.3	1099.3
87.5°	380.1	348.3	306.7	265.7	224.2	182.6	227.2	271.9	317.0	361.6	387.3
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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6	1114.6
2.5°	1345.0	1339.8	1335.2	1302.9	1270.1	1237.8	1204.9	1264.4	1324.4	1383.9	1443.5
5°	1705.1	1694.3	1684.0	1681.5	1678.9	1675.8	1673.3	1703.5	1733.8	1763.5	1793.8
7.5°	1932.8	1924.6	1916.4	1894.9	1873.8	1852.3	1830.7	1849.2	1867.2	1885.6	1903.6
10°	2106.2	2088.2	2070.3	2023.6	1977.4	1930.8	1884.1	1870.2	1856.4	1842.5	1828.7
12.5°	2328.8	2284.7	2241.1	2188.3	2134.9	2082.1	2028.7	2021.6	2014.4	2007.7	2000.5
15°	2502.7	2488.9	2475.0	2432.9	2390.9	2348.8	2306.8	2250.3	2193.4	2137.0	2080.5
17.5°	2501.2	2479.1	2457.6	2514.0	2569.9	2626.3	2682.2	2622.2	2561.7	2501.7	2441.7
20°	2579.1	2566.3	2554.0	2658.1	2761.7	2865.9	2969.5	2936.7	2903.3	2870.5	2837.1
22.5°	2784.3	2833.6	2882.3	2971.5	3060.3	3149.5	3238.3	3275.7	3313.2	3350.6	3388.1
25°	2999.8	3079.8	3159.8	3292.7	3425.0	3557.8	3690.7	3717.4	3744.0	3770.7	3797.4
27.5°	2913.6	2995.1	3076.7	3177.2	3277.3	3377.8	3477.8	3594.8	3712.2	3829.2	3946.2
30°	2885.9	2976.2	3065.9	3203.9	3341.4	3479.4	3617.3	3778.4	3939.5	4100.0	4261.1
32.5°	2909.0	3036.2	3163.4	3350.1	3536.3	3723.0	3909.7	4079.0	4248.8	4418.1	4587.3
35°	3198.8	3306.5	3413.7	3622.5	3831.3	4040.0	4248.8	4447.3	4645.8	4843.8	5042.3
37.5°	3475.3	3576.8	3678.4	3891.8	4104.7	4318.0	4531.4	4844.8	5158.8	5472.2	5785.6
40°	3870.2	3956.9	4043.1	4225.7	4408.3	4590.9	4773.5	5151.6	5529.6	5907.7	6285.7
42.5°	4321.6	4386.8	4451.4	4640.7	4830.0	5019.3	5208.5	5619.9	6031.8	6443.2	6854.6
45°	4874.1	4931.0	4988.0	5118.3	5248.5	5379.3	5509.6	5933.8	6358.1	6782.3	7206.5
47.5°	5603.5	5530.2	5456.8	5520.9	5585.0	5649.2	5713.3	6132.9	6552.5	6971.6	7391.2
50°	6067.2	5990.3	5913.3	5919.0	5924.1	5929.7	5935.4	6326.8	6718.2	7109.0	7500.4
52.5°	6683.8	6515.5	6347.8	6346.3	6344.7	6342.7	6341.1	6682.2	7023.9	7365.0	7706.1
55°	7189.6	7005.4	6821.3	6785.4	6749.4	6713.0	6677.1	7014.6	7351.7	7689.2	8026.2
57.5°	7623.0	7382.9	7143.4	7087.0	7030.5	6974.1	6917.7	7281.4	7645.6	8009.3	8372.9
60°	7815.9	7659.4	7503.5	7434.2	7365.0	7295.7	7226.5	7536.3	7846.1	8155.5	8465.3
62.5°	7718.4	7602.5	7487.1	7503.0	7518.9	7534.8	7550.7	7727.6	7905.1	8082.1	8259.1
65°	7307.5	7279.8	7252.7	7380.9	7509.1	7637.4	7765.6	7768.2	7770.7	7773.3	7775.9
67.5°	6617.1	6577.1	6537.1	6803.8	7070.0	7336.8	7603.5	7476.8	7350.1	7223.9	7097.2
70°	5529.6	5548.1	5566.1	5929.2	6291.9	6655.1	7018.2	6834.6	6650.4	6466.8	6282.7
72.5°	4229.8	4348.8	4467.3	4843.8	5220.3	5596.8	5973.3	5763.5	5553.2	5343.4	5133.1
75°	3094.1	3204.9	3315.7	3687.6	4059.5	4431.9	4803.8	4554.5	4305.2	4056.4	3807.1
77.5°	2308.8	2351.9	2394.5	2703.8	3012.6	3321.9	3630.7	3380.4	3130.0	2880.2	2629.9
80°	1841.5	1810.7	1780.5	1951.8	2123.1	2294.4	2465.8	2288.3	2110.3	1932.8	1755.3
82.5°	1511.7	1461.4	1411.6	1475.3	1538.9	1603.0	1666.6	1524.5	1382.4	1240.3	1098.2
85°	1078.2	1057.2	1036.2	1054.6	1072.6	1091.1	1109.5	971.0	832.5	694.5	556.0
87.5°	412.4	438.1	463.7	492.9	521.7	550.9	579.6	454.0	328.3	203.1	77.5
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: P367448
 CATALOG NUMBER: MSA-SA2C-740-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



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CATALOG NUMBER: MSA-SA2C-740-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1114.6	1114.6
2.5°	1468.1	1492.7
5°	1793.3	1792.8
7.5°	1895.4	1886.6
10°	1806.1	1783.5
12.5°	1933.8	1866.6
15°	2013.9	1946.7
17.5°	2340.6	2239.0
20°	2716.6	2595.5
22.5°	3203.9	3019.8
25°	3577.3	3356.8
27.5°	3815.4	3684.0
30°	4110.8	3960.5
32.5°	4476.5	4365.2
35°	4940.8	4838.7
37.5°	5753.8	5721.5
40°	6247.3	6208.3
42.5°	6856.1	6857.2
45°	7229.6	7252.7
47.5°	7449.6	7507.6
50°	7625.1	7749.2
52.5°	7875.9	8045.7
55°	8251.9	8477.1
57.5°	8564.8	8756.6
60°	8564.8	8663.8
62.5°	8256.5	8253.4
65°	7728.2	7679.9
67.5°	7036.7	6976.2
70°	6188.3	6093.4
72.5°	5015.7	4897.7
75°	3645.6	3483.5
77.5°	2553.0	2475.5
80°	1792.8	1830.2
82.5°	1151.6	1204.9
85°	547.8	539.6
87.5°	64.6	51.8
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: P367448
CATALOG NUMBER: MSA-SA2C-740-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)