

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: P367426

Luminaire Tested: **MSA-SA2C-730-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367426
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-730-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: 9624 lumens
Efficiency: N/A
Efficacy: 85.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

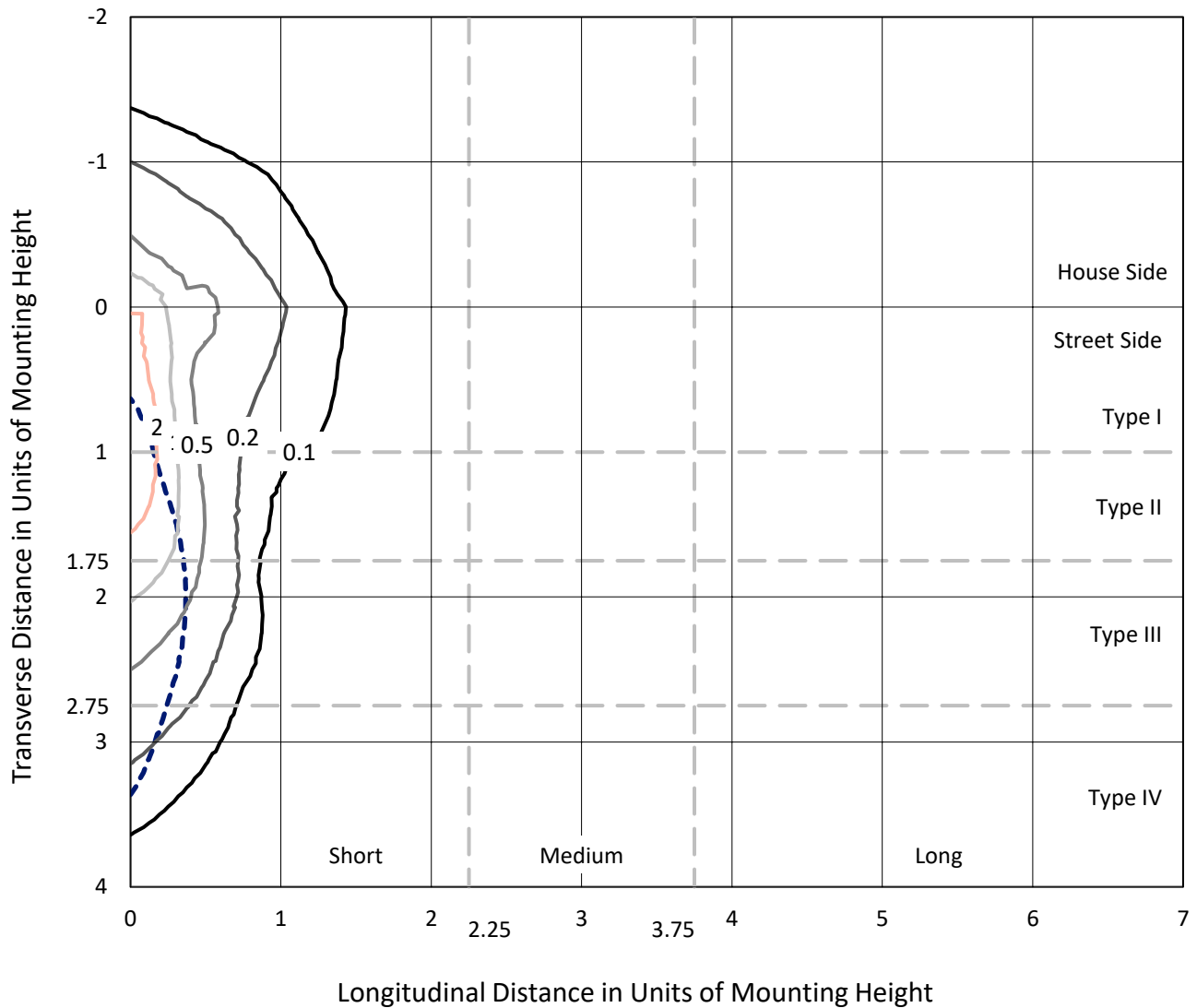
Input Watts (W): 113
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

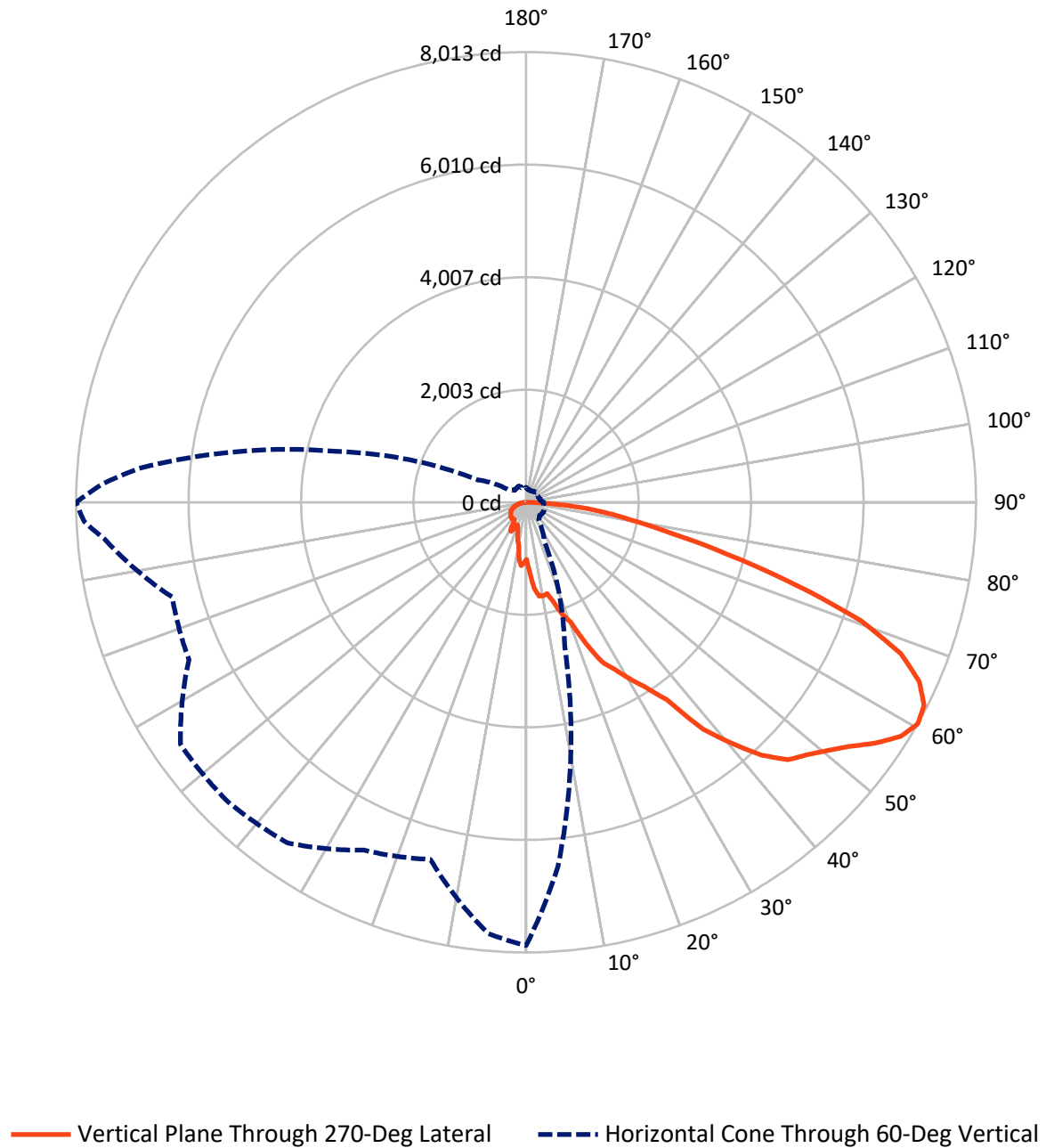
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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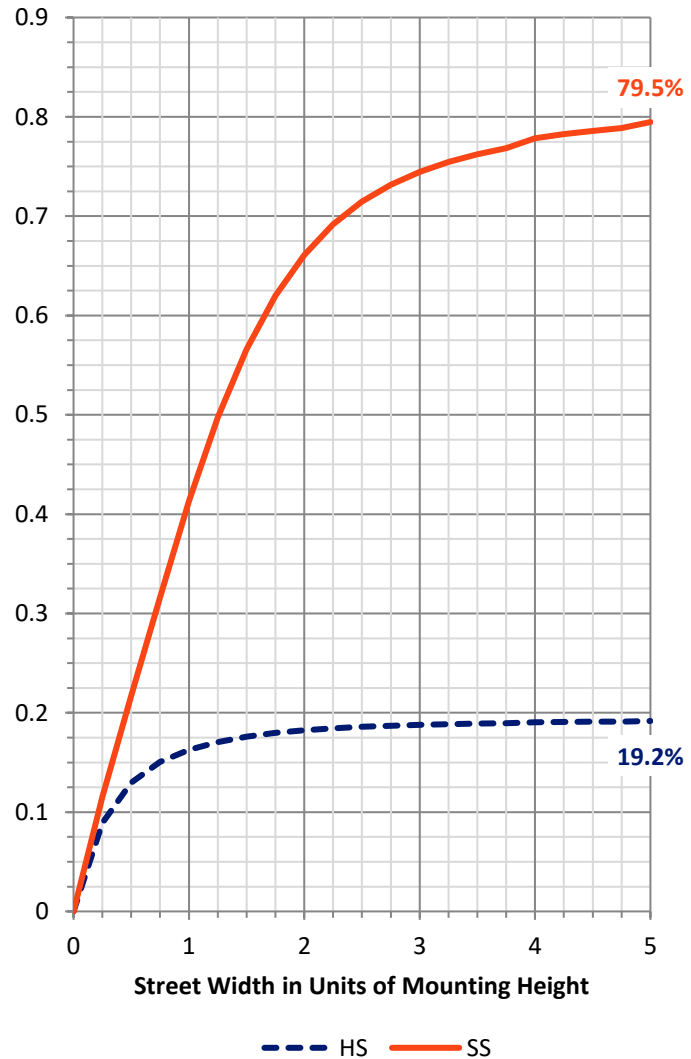
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1864.0	0.0	1864.0
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	7760.0	0.0	7760.0
	% Fixture	80.6	0.0	80.6
Total	Lumens	9624.0	0.0	9624.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.4	1.2
10°-20°	338.2	3.5
20°-30°	597.0	6.2
30°-40°	929.7	9.7
40°-50°	1530.7	15.9
50°-60°	2184.8	22.7
60°-70°	2316.7	24.1
70°-80°	1279.6	13.3
80°-90°	331.1	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°	9624.0	100.0
0°-180°	9624.0	100.0

Coefficient of Utilization



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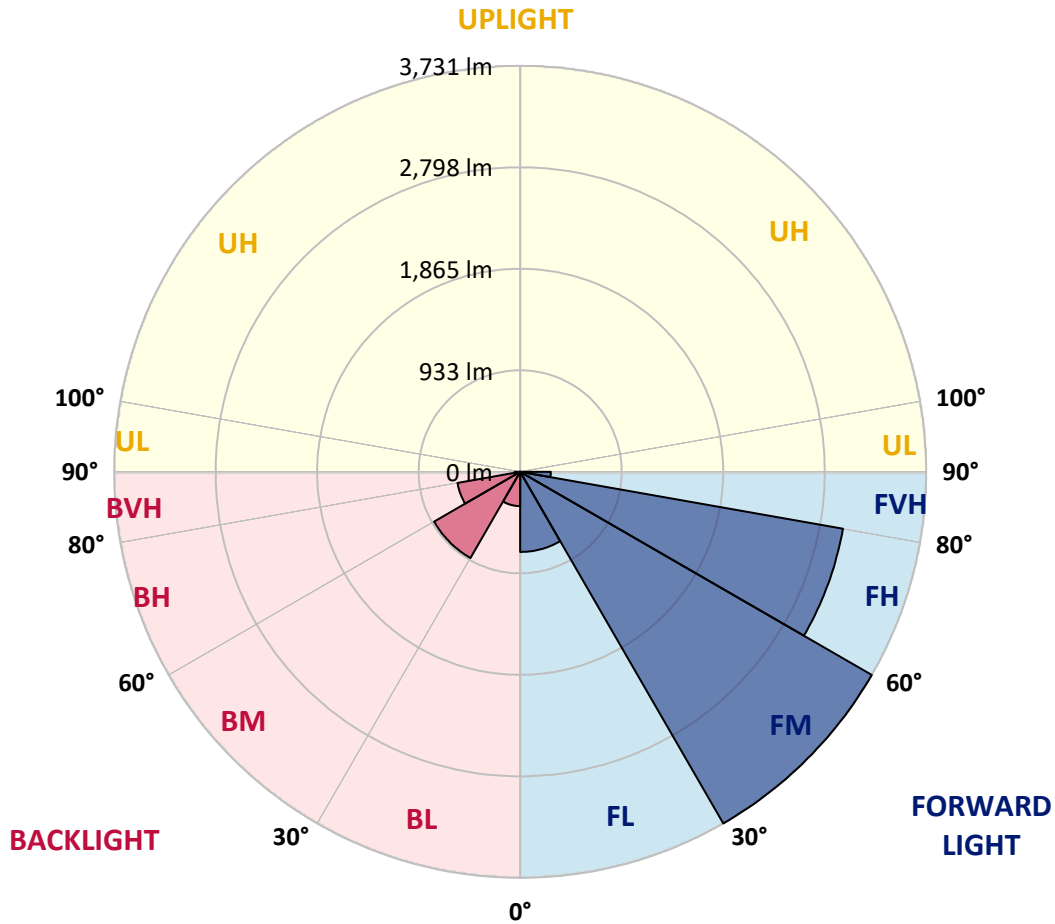
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	736.4	7.7			
FM (30°-60°)	3730.9	38.8			
FH (60°-80°)	3011.4	31.3			G2/5000
FVH (80°-90°)	281.4	2.9			G3/500
BL (0°-30°)	315.1	3.3	B1/500		
BM (30°-60°)	914.3	9.5	B1/1000		
BH (60°-80°)	584.9	6.1	B2/1000		G2/1000
BVH (80°-90°)	49.7	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°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1359.4	1367.8	1375.7	1359.8	1343.9	1327.6	1311.7	1287.9	1263.6	1239.8	1215.5
5°	1632.6	1601.8	1570.5	1557.9	1545.7	1533.1	1520.5	1508.8	1497.2	1485.0	1473.3
7.5°	1718.1	1674.2	1629.8	1611.1	1592.5	1573.3	1554.6	1512.6	1470.5	1428.0	1386.0
10°	1624.2	1578.4	1532.2	1514.0	1495.3	1477.1	1458.4	1407.0	1356.1	1304.7	1253.3
12.5°	1699.9	1653.2	1606.0	1548.1	1490.2	1431.8	1373.8	1345.3	1316.8	1287.9	1259.4
15°	1772.8	1709.7	1646.2	1588.3	1530.3	1471.9	1414.0	1357.0	1300.0	1243.0	1186.1
17.5°	2039.0	1933.9	1828.8	1724.2	1619.1	1514.4	1409.3	1343.5	1277.1	1211.3	1144.9
20°	2363.7	2217.5	2070.8	1912.0	1752.7	1593.9	1434.6	1351.4	1268.7	1185.6	1102.4
22.5°	2750.0	2565.5	2381.0	2180.6	1980.2	1779.3	1578.9	1458.4	1337.9	1216.9	1096.4
25°	3056.9	2879.4	2701.9	2447.8	2193.7	1939.5	1685.4	1548.5	1411.7	1274.3	1137.5
27.5°	3355.0	3072.3	2789.3	2498.2	2207.7	1916.6	1625.6	1499.0	1372.4	1245.8	1119.3
30°	3606.7	3382.5	3158.3	2778.5	2398.7	2018.5	1638.7	1483.1	1327.6	1172.0	1016.5
32.5°	3975.3	3655.3	3334.9	2938.7	2542.6	2146.5	1750.3	1551.4	1352.4	1153.4	954.4
35°	4406.5	4073.9	3741.3	3251.2	2761.7	2271.7	1781.6	1571.0	1359.8	1149.1	938.0
37.5°	5210.4	4624.2	4037.4	3502.6	2967.7	2432.4	1897.5	1652.7	1407.9	1162.7	917.9
40°	5653.7	5111.8	4570.0	3903.4	3236.8	2569.7	1903.1	1652.7	1401.9	1151.5	900.6
42.5°	6244.6	5559.4	4873.6	4152.8	3432.5	2711.7	1990.9	1713.4	1436.0	1158.0	880.5
45°	6604.8	5841.0	5076.8	4306.5	3536.2	2765.9	1995.6	1713.9	1432.2	1150.5	868.9
47.5°	6837.0	6103.6	5369.7	4540.5	3711.4	2881.7	2052.6	1753.6	1454.2	1155.2	855.8
50°	7057.0	6330.6	5603.7	4742.8	3882.3	3021.4	2160.5	1834.0	1507.4	1180.4	853.9
52.5°	7327.0	6658.1	5988.7	5065.1	4141.1	3217.6	2293.6	1938.1	1582.6	1227.2	871.7
55°	7719.8	7060.7	6401.1	5409.9	4418.1	3426.9	2435.2	2040.4	1646.2	1251.5	856.7
57.5°	7974.4	7306.0	6637.5	5626.6	4615.7	3604.4	2593.5	2156.3	1719.1	1281.3	844.1
60°	7889.9	7200.4	6510.4	5546.7	4583.0	3619.4	2655.7	2183.4	1711.6	1239.3	767.0
62.5°	7516.2	6783.2	6050.3	5187.1	4324.3	3461.0	2597.7	2117.5	1637.8	1157.6	677.3
65°	6993.9	6236.2	5478.1	4699.4	3920.7	3141.9	2363.2	1927.4	1491.1	1055.3	619.0
67.5°	6353.0	5563.1	4772.7	4083.2	3393.7	2703.8	2014.3	1649.9	1286.0	921.7	557.3
70°	5549.1	4772.7	3996.3	3399.8	2803.3	2206.7	1610.2	1336.0	1062.3	788.1	513.8
72.5°	4460.2	3790.3	3120.5	2651.0	2181.5	1712.0	1242.6	1052.0	861.9	671.3	480.7
75°	3172.3	2778.5	2384.7	2019.4	1654.1	1288.4	923.1	799.7	676.4	553.1	429.8
77.5°	2254.4	2022.2	1790.1	1503.7	1217.3	931.0	644.6	572.2	500.3	427.9	355.5
80°	1666.7	1472.9	1279.0	1063.2	847.4	631.6	415.7	380.2	345.2	309.7	274.2
82.5°	1097.3	1009.9	922.1	751.2	580.2	409.2	238.2	225.2	212.1	199.0	185.9
85°	491.4	519.0	546.1	441.4	336.3	231.7	126.6	120.5	114.4	108.4	102.3
87.5°	47.2	69.6	92.0	78.9	65.4	52.3	38.8	38.3	38.3	37.8	37.4
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



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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°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1222.0	1228.6	1235.1	1241.6	1234.6	1227.6	1220.2	1213.1	1204.3	1195.4	1186.1
5°	1453.7	1433.6	1414.0	1393.9	1364.0	1334.1	1303.8	1273.9	1270.1	1265.9	1262.2
7.5°	1349.1	1312.6	1275.7	1238.8	1192.1	1145.9	1099.2	1052.5	1038.4	1024.4	1010.4
10°	1228.6	1203.3	1178.6	1153.4	1124.4	1095.4	1066.0	1037.0	998.7	960.0	921.7
12.5°	1218.3	1177.2	1135.6	1094.5	1076.7	1059.0	1041.2	1023.5	989.9	956.2	922.1
15°	1152.9	1119.3	1086.1	1052.5	1026.8	1001.1	975.4	949.7	922.6	895.0	867.9
17.5°	1106.6	1068.3	1030.0	991.7	962.3	932.9	903.0	873.5	840.8	807.7	775.0
20°	1058.5	1015.1	971.2	927.3	889.9	853.0	815.6	778.2	742.3	706.8	670.8
22.5°	1038.9	981.4	924.0	866.5	827.3	787.6	748.3	708.6	675.5	642.3	609.1
25°	1068.8	1000.6	931.9	863.3	810.5	757.2	704.4	651.2	623.6	596.1	568.0
27.5°	1033.8	947.8	862.3	776.4	719.9	662.9	606.3	549.3	545.1	540.9	536.3
30°	926.3	836.2	746.0	655.9	604.0	551.7	499.8	447.5	437.7	427.4	417.6
32.5°	862.3	770.3	678.3	586.3	540.0	493.3	447.0	400.3	389.1	377.9	366.7
35°	838.0	738.1	638.1	538.1	498.4	458.7	419.0	379.3	371.4	363.9	356.0
37.5°	818.4	719.4	619.9	520.4	482.1	443.8	405.0	366.7	360.6	354.6	348.5
40°	799.7	699.3	598.4	497.5	463.4	429.8	395.7	361.6	357.8	354.1	349.9
42.5°	782.9	685.3	587.2	489.6	459.2	429.3	398.9	368.6	364.8	361.1	357.4
45°	773.6	678.3	583.0	487.7	465.7	443.8	421.4	399.4	390.5	381.6	372.3
47.5°	766.6	677.3	588.1	498.9	476.0	453.1	430.2	407.3	399.4	391.5	383.0
50°	768.0	682.5	596.5	510.6	483.0	455.0	427.4	399.4	398.5	397.5	396.6
52.5°	780.6	690.0	598.9	507.8	477.9	448.0	417.6	387.7	393.8	399.4	405.5
55°	762.4	668.0	573.2	478.8	450.3	422.3	393.8	365.3	373.2	380.7	388.7
57.5°	741.8	639.5	537.2	434.9	413.4	391.9	370.0	348.5	356.9	365.8	374.2
60°	673.6	580.2	486.8	393.3	378.8	364.4	349.9	335.4	339.1	342.9	346.6
62.5°	598.9	519.9	441.4	362.5	351.3	339.6	328.4	316.7	316.7	317.2	317.2
65°	551.2	483.5	415.7	348.0	335.4	322.8	309.7	297.1	295.2	293.4	291.5
67.5°	503.6	450.3	396.6	342.9	324.7	306.9	288.7	270.5	268.1	266.3	263.9
70°	466.2	418.6	370.9	323.3	302.7	282.6	262.1	241.5	239.6	238.2	236.4
72.5°	435.8	391.5	346.6	301.8	280.3	258.3	236.8	214.9	213.5	212.1	210.2
75°	390.1	350.8	311.1	271.4	250.4	229.8	208.8	187.8	185.9	184.5	182.6
77.5°	322.8	289.6	256.9	223.8	207.4	191.5	175.2	158.8	157.9	157.0	155.6
80°	248.5	222.8	196.7	171.0	160.2	149.0	138.3	127.1	126.6	126.1	125.2
82.5°	170.5	155.1	139.7	124.3	116.3	107.9	100.0	91.6	92.0	92.5	93.0
85°	97.2	91.6	86.4	80.8	74.3	68.2	61.7	55.1	56.5	57.9	58.9
87.5°	35.5	33.6	31.8	29.9	26.6	23.8	20.6	17.3	18.2	19.6	20.6
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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426
 CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1177.2	1163.2	1149.1	1135.1	1121.1	1092.2	1063.7	1034.7	1005.7	1023.5	1041.7
5°	1258.0	1234.2	1209.9	1186.1	1161.8	1148.2	1134.7	1121.1	1107.6	1114.6	1122.1
7.5°	996.4	982.4	967.9	953.9	939.4	933.3	927.7	921.7	915.6	932.9	950.1
10°	882.9	863.3	843.6	823.6	803.9	792.3	780.6	768.9	757.2	761.9	766.6
12.5°	888.5	859.5	830.6	801.6	772.6	755.4	738.1	720.8	703.5	707.7	711.9
15°	840.4	810.5	780.6	750.7	720.8	700.7	680.1	660.1	639.5	632.5	625.0
17.5°	741.8	709.1	676.4	643.7	611.0	597.5	583.9	570.4	556.8	549.3	541.9
20°	634.8	604.5	574.1	543.7	513.4	504.0	494.7	484.9	475.5	470.9	465.7
22.5°	576.0	557.3	538.1	519.5	500.3	489.6	479.3	468.5	457.8	452.7	447.0
25°	540.5	544.2	548.4	552.2	555.9	551.2	546.1	541.4	536.3	538.1	539.5
27.5°	532.1	540.0	548.4	556.4	564.3	568.5	572.7	576.9	581.1	582.5	583.9
30°	407.3	411.5	415.3	419.5	423.2	434.9	446.6	457.8	469.5	487.7	506.4
32.5°	355.5	354.1	352.7	350.8	349.4	352.2	355.0	357.4	360.2	366.7	373.7
35°	348.0	344.7	341.0	337.7	334.0	335.4	336.8	338.2	339.6	344.7	349.9
37.5°	342.4	341.0	340.1	338.7	337.3	340.5	343.3	346.6	349.4	353.6	357.8
40°	346.1	345.7	345.2	344.3	343.8	345.7	347.5	349.4	351.3	356.9	362.5
42.5°	353.6	353.6	353.2	353.2	352.7	354.6	356.0	357.8	359.2	362.5	365.8
45°	363.4	362.5	362.0	361.1	360.2	359.7	359.7	359.2	358.8	360.6	363.0
47.5°	375.1	371.8	368.1	364.8	361.1	360.2	358.8	357.8	356.4	357.4	358.3
50°	395.7	386.8	378.4	369.5	360.6	358.3	356.0	353.6	351.3	350.8	350.8
52.5°	411.1	398.0	384.9	371.8	358.8	354.6	350.4	346.1	341.9	341.0	340.5
55°	396.1	386.3	377.0	367.2	357.4	351.3	344.7	338.7	332.1	330.7	329.3
57.5°	382.6	376.5	370.4	364.4	358.3	352.2	345.7	339.6	333.1	329.8	326.5
60°	350.4	350.4	350.8	350.8	350.8	344.3	337.7	331.2	324.7	321.4	318.6
62.5°	317.2	322.3	327.0	332.1	336.8	327.9	318.6	309.7	300.4	298.0	296.2
65°	289.6	291.0	292.9	294.3	295.7	288.7	281.7	274.7	267.7	266.3	264.4
67.5°	261.6	261.1	260.7	259.7	259.3	255.1	250.4	246.2	241.5	239.6	237.8
70°	234.5	234.0	233.6	232.6	232.2	228.4	224.7	221.0	217.2	215.8	214.4
72.5°	208.8	208.3	207.4	206.9	206.0	202.7	199.9	196.7	193.4	191.5	189.7
75°	180.8	179.8	178.9	178.0	177.0	174.2	171.4	168.2	165.4	163.5	161.6
77.5°	154.6	153.2	151.8	149.9	148.5	146.2	143.4	141.1	138.3	135.9	134.1
80°	124.7	123.8	122.9	121.5	120.5	118.2	115.8	113.0	110.7	107.9	105.6
82.5°	93.4	93.0	92.0	91.6	90.6	88.3	86.0	83.6	81.3	78.5	75.7
85°	60.3	59.8	59.3	58.9	58.4	56.5	55.1	53.3	51.4	48.6	46.2
87.5°	21.5	20.6	20.1	19.2	18.2	17.8	16.8	16.3	15.4	14.0	12.6
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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426

CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1059.5	1077.2	1077.7	1077.7	1086.1	1094.0	1077.7	1061.3	1044.5	1028.2	1011.8
5°	1129.1	1136.1	1134.2	1131.9	1121.6	1111.3	1100.6	1089.8	1079.1	1068.3	1068.8
7.5°	967.4	984.7	998.7	1012.3	999.2	986.1	979.1	972.1	965.1	958.1	957.2
10°	770.8	775.4	781.0	786.2	778.2	769.8	783.9	797.9	811.4	825.4	810.0
12.5°	716.1	720.3	710.5	700.2	697.0	693.7	690.4	686.7	683.4	679.7	677.8
15°	618.0	610.5	603.1	595.1	593.3	590.9	588.6	585.8	583.4	580.6	572.2
17.5°	534.4	526.9	514.3	501.2	496.1	490.5	489.1	487.7	485.8	484.4	476.5
20°	461.1	455.9	452.7	448.9	443.8	438.6	433.5	428.4	422.8	417.6	410.1
22.5°	441.9	436.3	432.1	427.4	426.5	425.6	416.2	406.4	397.1	387.3	383.0
25°	541.4	542.8	517.1	491.0	488.6	486.3	469.5	452.2	435.4	418.1	403.6
27.5°	584.9	586.3	585.3	584.4	576.9	569.0	540.5	511.5	483.0	454.1	433.5
30°	524.6	542.8	549.8	556.8	551.7	546.1	516.2	486.8	456.9	427.0	413.4
32.5°	380.2	386.8	398.5	409.7	415.7	421.4	412.0	402.7	393.3	384.0	381.6
35°	354.6	359.7	362.0	364.4	360.6	356.9	349.9	342.9	335.4	328.4	327.0
37.5°	361.6	365.8	370.4	375.1	364.8	354.1	346.1	338.7	330.7	322.8	316.2
40°	368.1	373.7	376.5	379.3	369.0	358.8	348.9	339.6	329.8	320.0	313.4
42.5°	369.0	372.3	377.4	382.6	368.1	353.2	344.3	334.9	326.1	316.7	310.2
45°	364.8	366.7	371.4	376.0	359.2	341.9	334.0	325.6	317.7	309.2	303.6
47.5°	358.8	359.7	363.4	366.7	348.9	330.7	323.3	315.8	307.8	300.4	294.8
50°	350.4	349.9	352.7	355.0	336.8	318.6	311.1	304.1	296.6	289.2	284.5
52.5°	339.6	338.7	341.5	343.8	324.7	305.5	299.0	292.9	286.4	279.8	276.1
55°	327.5	326.1	328.4	330.7	312.0	292.9	287.3	281.2	275.6	269.5	266.3
57.5°	322.8	319.5	320.9	322.3	301.3	280.3	274.7	269.1	263.5	257.9	255.5
60°	315.3	312.0	313.4	314.4	292.0	269.1	263.9	258.3	253.2	247.6	245.2
62.5°	293.8	291.5	293.4	295.2	275.1	254.6	249.9	245.7	241.0	236.4	233.1
65°	263.0	261.1	264.9	268.6	251.3	234.0	231.2	228.4	225.2	222.4	219.1
67.5°	235.9	234.0	237.8	241.5	228.9	216.3	213.5	210.7	207.9	205.1	203.2
70°	213.0	211.6	214.9	218.2	207.4	196.7	193.9	191.5	188.7	185.9	184.5
72.5°	187.3	185.5	189.7	193.4	184.5	175.2	172.8	170.0	167.7	164.9	164.0
75°	159.8	157.9	161.6	164.9	158.8	152.3	149.9	147.6	145.3	142.9	142.5
77.5°	131.7	129.4	133.1	136.4	132.7	128.5	126.6	124.3	122.4	120.1	120.1
80°	102.8	100.0	102.8	105.1	103.7	102.3	100.9	99.0	97.6	95.8	96.2
82.5°	72.9	70.1	71.5	72.9	73.8	74.7	74.7	74.7	74.7	74.7	74.7
85°	43.4	40.6	41.1	41.6	43.0	44.4	44.8	45.3	45.8	46.2	46.7
87.5°	11.2	9.8	8.9	7.5	8.9	9.8	10.7	11.2	12.1	12.6	12.6
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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426
 CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	995.5	978.6	962.3	972.6	982.4	992.7	1002.5	1002.9	1002.9	1003.4	1003.4
5°	1069.7	1070.2	1070.7	1060.9	1051.5	1041.7	1031.9	1026.8	1021.6	1016.0	1010.9
7.5°	955.8	954.8	953.4	944.1	934.7	925.4	916.0	893.6	870.7	848.3	825.4
10°	794.1	778.7	762.8	759.1	755.8	752.1	748.3	742.3	736.7	730.6	724.5
12.5°	675.9	674.1	672.2	662.4	652.6	642.3	632.5	632.5	632.5	632.5	632.5
15°	563.4	555.0	546.1	541.4	536.3	531.6	526.5	524.1	521.8	519.5	517.1
17.5°	468.1	460.1	451.7	450.8	449.8	448.9	448.0	445.6	443.3	441.0	438.6
20°	402.7	395.2	387.7	390.5	393.3	395.7	398.5	396.1	393.8	391.0	388.7
22.5°	378.4	374.2	369.5	367.2	364.8	362.0	359.7	359.7	360.2	360.2	360.2
25°	389.6	375.1	360.6	353.6	346.6	339.1	332.1	329.3	327.0	324.2	321.4
27.5°	412.9	391.9	371.4	359.2	347.1	334.9	322.8	317.7	312.0	306.9	301.3
30°	399.4	385.9	371.8	357.8	343.8	329.8	315.8	309.2	302.7	295.7	289.2
32.5°	379.3	376.5	374.2	361.1	348.0	334.5	321.4	318.6	316.2	313.4	310.6
35°	325.1	323.7	321.9	318.6	315.3	312.0	308.8	305.0	301.3	297.6	293.8
37.5°	310.2	303.6	297.1	295.7	294.3	292.9	291.5	290.1	288.7	286.8	285.4
40°	306.9	300.4	293.8	291.5	289.2	286.4	284.0	284.5	285.4	285.9	286.4
42.5°	303.2	296.6	289.6	287.8	285.9	284.0	282.1	282.6	283.6	284.0	284.5
45°	298.5	292.9	287.3	284.0	281.2	277.9	274.7	277.5	280.3	282.6	285.4
47.5°	289.2	283.1	277.5	275.6	273.7	271.4	269.5	272.3	275.1	277.5	280.3
50°	279.3	274.7	269.5	269.1	268.6	267.7	267.2	269.1	270.9	272.8	274.7
52.5°	271.9	268.1	263.9	263.9	263.5	263.5	263.0	264.9	266.7	268.1	270.0
55°	263.5	260.2	256.9	257.4	258.3	258.8	259.3	261.1	263.5	265.3	267.2
57.5°	252.7	250.4	247.6	249.4	250.9	252.7	254.1	255.5	257.4	258.8	260.2
60°	242.4	240.1	237.3	239.2	241.5	243.4	245.2	246.6	248.0	249.4	250.9
62.5°	229.8	226.1	222.8	225.6	228.0	230.8	233.1	234.0	235.4	236.4	237.3
65°	216.3	213.0	209.7	211.6	213.5	214.9	216.7	218.2	219.6	221.0	222.4
67.5°	200.9	199.0	196.7	198.1	199.5	200.9	202.3	202.7	202.7	203.2	203.2
70°	182.6	181.2	179.4	180.3	181.7	182.6	183.6	183.6	183.6	183.1	183.1
72.5°	163.5	162.6	161.6	162.1	163.0	163.5	164.0	163.5	163.0	162.6	162.1
75°	142.0	141.5	141.1	141.5	142.5	142.9	143.4	142.9	142.0	141.5	140.6
77.5°	120.5	120.5	120.5	120.5	121.0	121.0	121.0	120.1	119.1	118.2	117.3
80°	96.7	97.2	97.6	97.6	97.6	97.6	97.6	96.7	95.8	94.4	93.4
82.5°	74.7	74.7	74.7	74.7	75.2	75.2	75.2	72.9	71.0	68.7	66.3
85°	46.7	47.2	47.2	47.6	48.1	48.1	48.6	45.3	42.5	39.2	36.0
87.5°	12.6	12.6	12.6	12.6	12.6	12.1	12.1	9.3	6.1	3.3	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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426

CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1006.2	1009.0	1011.3	1014.1	1014.6	1015.1	1015.1	1015.5	1005.7	995.9	985.7
5°	1017.9	1024.4	1031.4	1038.0	1036.6	1035.2	1033.8	1032.4	1029.6	1027.2	1024.4
7.5°	820.3	815.6	810.5	805.3	809.5	813.7	818.0	822.2	824.0	825.9	827.3
10°	712.8	701.2	689.5	677.8	671.3	664.3	657.7	650.7	649.8	649.3	648.4
12.5°	620.4	607.7	595.6	583.0	579.2	575.0	571.3	567.1	570.8	574.6	577.8
15°	512.0	507.3	502.2	497.0	501.2	505.4	509.6	513.8	517.6	520.9	524.6
17.5°	436.3	434.4	432.1	429.8	433.5	437.7	441.4	445.2	453.6	462.0	470.4
20°	386.8	385.4	383.5	381.6	380.2	378.4	377.0	375.1	387.3	398.9	411.1
22.5°	357.4	354.6	351.8	348.9	349.4	349.9	349.9	350.4	360.2	370.4	380.2
25°	320.5	319.5	318.6	317.7	320.5	323.3	325.6	328.4	337.3	346.1	354.6
27.5°	301.8	302.2	302.7	303.2	306.9	311.1	314.8	318.6	324.7	330.7	336.8
30°	291.5	294.3	296.6	299.0	300.4	301.8	303.2	304.6	310.6	316.2	322.3
32.5°	306.9	303.2	299.0	295.2	297.1	299.4	301.3	303.2	308.8	314.4	320.0
35°	292.4	290.6	289.2	287.3	289.6	292.0	293.8	296.2	301.3	306.0	311.1
37.5°	285.0	284.5	284.0	283.6	285.0	286.4	287.3	288.7	293.4	298.0	302.2
40°	284.5	282.1	280.3	277.9	279.3	280.7	281.7	283.1	288.7	294.3	299.9
42.5°	281.7	278.9	275.6	272.8	274.2	276.1	277.5	278.9	285.0	290.6	296.6
45°	281.2	277.0	272.3	268.1	270.0	271.9	273.7	275.6	280.3	285.0	289.2
47.5°	276.1	271.9	267.7	263.5	264.4	265.3	265.8	266.7	270.9	274.7	278.9
50°	271.9	268.6	265.8	262.5	261.1	260.2	258.8	257.4	260.7	263.9	267.2
52.5°	266.7	263.5	259.7	256.5	254.6	252.7	250.9	249.0	251.8	254.1	256.9
55°	263.5	259.3	255.5	251.3	249.0	246.6	244.3	242.0	243.8	245.2	247.1
57.5°	256.5	252.7	248.5	244.8	242.0	239.2	235.9	233.1	234.0	235.0	235.9
60°	247.1	242.9	239.2	235.0	231.7	228.4	224.7	221.4	221.9	222.8	223.3
62.5°	233.6	229.8	225.6	221.9	218.2	214.9	211.1	207.4	208.3	208.8	209.7
65°	218.6	214.4	210.7	206.5	203.2	199.9	196.2	192.9	193.9	194.8	195.3
67.5°	200.4	197.1	194.3	191.1	188.3	185.0	182.2	178.9	179.4	179.8	180.3
70°	180.8	178.0	175.6	172.8	170.5	168.2	165.8	163.5	163.5	164.0	164.0
72.5°	159.8	157.4	155.1	152.8	150.4	148.5	146.2	143.9	144.8	145.7	146.2
75°	138.3	136.4	134.1	131.7	129.9	128.0	125.7	123.8	124.7	125.7	126.1
77.5°	115.8	114.4	112.6	111.2	109.3	107.4	105.1	103.2	104.2	105.1	105.6
80°	92.5	91.6	90.2	89.2	87.4	85.5	83.6	81.7	82.2	82.2	82.7
82.5°	66.8	67.3	67.3	67.7	66.3	64.5	63.1	61.2	61.2	61.2	60.7
85°	37.4	39.2	40.6	42.0	40.6	39.2	37.8	36.4	36.0	36.0	35.5
87.5°	1.4	2.3	3.7	4.7	4.2	3.7	2.8	2.3	2.8	3.3	3.3
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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426

CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	975.8	983.8	991.7	999.7	1007.6	1019.8	1031.9	1044.5	1057.1	1050.1	1042.6
5°	1021.6	1026.3	1031.4	1036.1	1040.8	1054.3	1067.4	1083.7	1099.6	1097.8	1095.4
7.5°	829.2	835.7	842.2	848.3	854.9	875.4	896.0	913.2	930.5	928.2	925.4
10°	647.4	661.0	675.0	688.6	702.1	718.9	735.3	749.7	764.2	788.5	812.3
12.5°	581.6	602.6	623.6	644.6	665.7	677.8	689.5	708.2	726.9	739.9	753.5
15°	527.9	547.5	567.1	586.7	606.3	607.3	608.2	627.8	647.4	658.7	669.4
17.5°	478.8	489.6	500.3	510.6	521.3	517.6	513.8	523.2	532.1	536.7	541.9
20°	422.8	430.2	437.7	445.2	452.7	457.8	462.5	468.1	473.2	468.5	463.4
22.5°	390.1	401.3	412.9	424.2	435.4	438.6	441.4	438.2	434.9	433.5	432.1
25°	363.4	377.0	391.0	404.5	418.1	424.6	431.2	434.0	436.3	431.2	426.0
27.5°	342.9	359.2	375.1	391.5	407.3	419.0	430.7	434.0	436.8	433.0	428.8
30°	327.9	345.7	363.4	381.2	398.9	416.7	434.0	449.4	464.3	462.9	461.5
32.5°	325.6	337.7	349.9	362.0	374.2	385.4	396.1	397.1	397.5	393.8	389.6
35°	315.8	323.7	331.7	339.6	347.5	354.6	361.1	360.2	359.2	355.5	351.8
37.5°	306.9	314.8	323.3	331.2	339.1	351.3	363.0	360.6	357.8	354.1	350.4
40°	305.5	314.4	323.3	331.7	340.5	351.8	363.0	360.6	358.3	353.6	348.9
42.5°	302.2	311.1	319.5	328.4	336.8	350.4	363.4	359.2	354.6	350.8	347.1
45°	293.8	301.8	309.7	317.7	325.6	340.1	354.6	349.4	344.3	342.9	341.0
47.5°	282.6	290.6	298.5	306.4	314.4	328.9	342.9	338.7	334.0	333.5	332.6
50°	270.5	277.9	285.9	293.4	300.8	315.3	329.3	325.6	321.9	322.3	322.3
52.5°	259.3	266.3	272.8	279.8	286.4	300.8	314.8	312.0	308.8	309.7	310.2
55°	248.5	254.1	259.7	265.3	270.9	285.0	299.0	294.8	290.6	292.0	293.4
57.5°	236.8	241.5	246.2	250.4	255.1	269.1	282.6	277.9	272.8	275.1	277.0
60°	223.8	228.0	232.2	235.9	240.1	252.7	264.9	260.7	256.0	259.3	262.1
62.5°	210.2	213.5	216.7	220.0	223.3	235.0	246.6	243.4	240.1	243.8	247.1
65°	196.2	198.5	201.3	203.7	206.0	217.2	228.0	225.6	223.3	226.6	229.8
67.5°	180.8	182.6	185.0	186.9	188.7	199.0	209.3	206.9	204.1	206.9	209.3
70°	164.0	165.8	167.2	169.1	170.5	179.8	189.2	185.9	182.2	185.0	187.3
72.5°	147.1	148.1	149.5	150.4	151.4	158.4	165.4	162.6	159.8	162.6	164.9
75°	127.1	128.0	128.9	129.9	130.8	136.9	142.5	139.2	135.5	138.3	141.1
77.5°	106.5	107.0	107.9	108.4	108.8	113.0	116.8	113.5	109.8	113.0	116.3
80°	82.7	83.1	83.6	83.6	84.1	85.5	86.9	84.6	81.7	86.0	90.2
82.5°	60.7	60.3	60.3	59.8	59.3	59.3	58.9	57.5	55.6	59.3	63.1
85°	35.0	34.6	33.6	33.2	32.2	30.8	29.4	29.0	28.5	31.8	35.0
87.5°	3.7	3.3	2.3	1.9	0.9	0.5	0.0	0.0	0.0	1.9	4.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426

CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1035.6	1028.2	1021.2	1014.1	1007.1	1000.1	1013.2	1026.3	1039.4	1052.5	1064.1
5°	1093.6	1091.2	1085.2	1079.5	1073.5	1067.4	1070.7	1074.4	1077.7	1080.9	1088.0
7.5°	923.1	920.3	933.3	945.9	959.0	971.6	974.9	977.7	981.0	983.8	981.9
10°	836.6	860.5	866.5	872.1	878.2	883.8	893.2	902.5	911.4	920.7	925.9
12.5°	766.6	779.6	801.1	823.1	844.6	866.1	880.1	894.1	908.1	922.1	951.1
15°	680.6	691.4	707.7	724.1	740.4	756.8	776.8	797.4	817.5	837.6	869.3
17.5°	546.5	551.2	563.4	575.5	587.2	599.3	626.4	653.1	680.1	706.8	743.2
20°	458.7	453.6	453.6	454.1	454.1	454.1	481.1	507.8	534.9	561.5	609.6
22.5°	430.2	428.8	423.7	418.1	412.9	407.3	421.4	435.8	449.8	463.9	503.1
25°	420.4	415.3	408.7	402.2	395.7	389.1	398.0	406.9	415.7	424.6	455.5
27.5°	425.1	420.9	424.2	427.0	430.2	433.0	435.8	438.6	441.4	444.2	455.0
30°	460.1	458.7	463.9	468.5	473.7	478.3	471.8	465.7	459.2	452.7	456.4
32.5°	385.9	381.6	379.8	377.9	376.0	374.2	373.7	373.2	372.3	371.8	380.2
35°	348.0	344.3	341.5	338.7	335.4	332.6	334.0	334.9	336.3	337.3	346.6
37.5°	346.6	342.9	339.6	336.3	332.6	329.3	330.7	332.6	334.0	335.4	342.4
40°	344.3	339.6	337.7	335.9	334.0	332.1	333.1	334.0	334.5	335.4	340.5
42.5°	342.9	339.1	338.2	337.3	336.3	335.4	336.3	337.3	337.7	338.7	344.7
45°	339.6	337.7	338.7	339.6	340.5	341.5	341.5	341.5	341.5	341.5	348.0
47.5°	332.1	331.2	334.0	336.8	339.6	342.4	347.1	351.8	356.0	360.6	362.0
50°	322.8	322.8	327.5	332.1	336.3	341.0	352.2	363.0	374.2	384.9	377.9
52.5°	311.1	311.6	318.6	325.1	332.1	338.7	348.9	359.2	369.0	379.3	369.0
55°	294.3	295.7	304.6	313.0	321.9	330.3	338.2	346.1	354.1	362.0	351.3
57.5°	279.3	281.2	290.6	299.4	308.8	317.7	322.3	327.5	332.1	336.8	329.8
60°	265.3	268.1	280.3	292.4	304.1	316.2	312.5	308.8	304.6	300.8	300.4
62.5°	250.9	254.1	265.3	276.5	287.3	298.5	292.9	287.3	281.2	275.6	277.9
65°	232.6	235.9	241.0	246.2	250.9	256.0	255.5	255.5	255.1	254.6	259.3
67.5°	212.1	214.4	217.7	220.5	223.8	226.6	228.4	230.8	232.6	234.5	240.1
70°	190.1	192.5	195.7	198.5	201.8	204.6	206.9	209.3	211.1	213.5	219.1
72.5°	167.7	170.0	173.3	176.6	179.4	182.6	184.5	186.4	187.8	189.7	194.3
75°	143.9	146.7	149.9	152.8	156.0	158.8	160.2	161.6	163.0	164.4	168.6
77.5°	119.6	122.9	126.1	129.4	132.7	135.9	136.4	136.9	137.3	137.8	141.5
80°	93.9	98.1	101.4	104.6	107.9	111.2	111.2	111.2	111.2	111.2	113.0
82.5°	66.8	70.5	74.3	77.5	81.3	84.6	84.6	84.1	84.1	83.6	83.6
85°	38.3	41.6	43.9	46.7	49.0	51.4	51.4	51.4	50.9	50.9	50.0
87.5°	6.1	7.9	8.9	10.3	11.2	12.1	11.7	11.7	11.2	10.7	9.3
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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426

CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1075.8	1087.5	1099.2	1097.3	1095.4	1093.6	1091.7	1098.7	1105.2	1112.2	1118.8
5°	1094.5	1101.5	1108.0	1113.2	1118.3	1123.5	1128.6	1152.4	1175.8	1199.6	1223.0
7.5°	980.0	977.7	975.8	997.8	1020.2	1042.2	1064.1	1094.5	1124.9	1155.2	1185.6
10°	931.0	936.1	941.3	950.1	959.5	968.4	977.2	1007.1	1037.0	1066.9	1096.8
12.5°	979.6	1008.5	1037.0	1044.0	1051.5	1058.5	1065.5	1071.6	1077.7	1083.3	1089.4
15°	901.1	932.9	964.6	982.8	1001.1	1018.8	1037.0	1082.8	1128.1	1173.9	1219.2
17.5°	779.2	815.6	851.6	896.4	941.3	986.1	1031.0	1073.0	1115.0	1156.6	1198.7
20°	657.7	705.4	753.5	802.5	851.1	900.2	948.7	989.9	1031.0	1071.6	1112.7
22.5°	541.9	581.1	619.9	679.7	739.0	798.8	858.1	934.7	1010.9	1087.5	1163.6
25°	485.8	516.6	547.0	608.7	670.3	731.5	793.2	892.7	991.7	1091.2	1190.3
27.5°	466.2	476.9	487.7	543.7	599.3	655.4	711.0	818.4	925.9	1032.8	1140.3
30°	460.1	463.9	467.6	511.5	555.4	599.3	643.2	749.3	855.8	961.8	1067.9
32.5°	388.2	396.6	404.5	447.5	490.0	533.0	575.5	682.5	789.0	896.0	1002.5
35°	356.0	365.3	374.6	416.7	458.7	500.3	542.3	654.9	768.0	880.5	993.1
37.5°	349.4	356.4	363.4	411.1	458.7	506.4	554.0	668.0	782.0	896.0	1009.9
40°	346.1	351.3	356.4	402.7	449.4	495.6	541.9	661.5	780.6	900.2	1019.3
42.5°	350.4	356.4	362.0	404.1	445.6	487.7	529.3	653.1	776.4	900.2	1023.5
45°	354.1	360.6	366.7	405.9	445.2	484.4	523.7	655.9	787.6	919.8	1051.5
47.5°	363.0	364.4	365.3	399.4	433.0	467.1	500.8	635.3	769.8	903.9	1038.4
50°	370.4	363.4	356.0	391.5	426.5	462.0	497.0	624.6	752.1	879.1	1006.7
52.5°	358.8	348.0	337.7	376.0	414.3	452.2	490.5	618.0	746.0	873.5	1001.1
55°	341.0	330.3	319.5	358.3	397.1	435.8	474.6	601.7	729.2	856.3	983.3
57.5°	323.3	316.2	309.2	341.0	373.2	405.0	436.8	574.6	711.9	849.7	987.1
60°	299.9	299.0	298.5	323.3	348.5	373.2	398.0	533.0	667.5	802.5	937.1
62.5°	279.8	282.1	284.0	304.1	324.2	343.8	363.9	494.2	625.0	755.4	885.7
65°	264.4	269.1	273.7	296.6	319.5	341.9	364.8	474.1	583.4	692.8	802.1
67.5°	245.7	251.3	256.9	286.8	316.7	346.6	376.5	466.7	556.8	647.0	737.1
70°	224.2	229.8	235.0	273.3	311.1	349.4	387.3	467.1	547.5	627.4	707.2
72.5°	199.0	203.7	208.3	249.4	290.6	331.7	372.8	440.5	508.2	575.5	643.2
75°	173.3	177.5	181.7	217.2	252.7	288.2	323.7	376.0	427.9	480.2	532.1
77.5°	144.8	148.5	151.8	175.6	199.5	223.3	247.1	287.3	327.0	367.2	406.9
80°	114.9	116.8	118.7	132.7	146.2	160.2	173.8	200.4	227.0	253.2	279.8
82.5°	84.1	84.1	84.1	93.0	102.3	111.2	120.1	133.6	146.7	160.2	173.3
85°	49.0	47.6	46.7	52.8	58.9	64.9	71.0	76.6	82.2	87.8	93.4
87.5°	7.9	6.1	4.7	8.4	12.1	15.9	19.6	21.5	23.8	25.7	27.6
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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426

CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1102.9	1087.5	1071.6	1055.7	1079.1	1102.4	1125.8	1149.1	1211.3	1248.2	1250.5
5°	1242.6	1262.2	1281.8	1301.4	1321.1	1340.7	1359.8	1379.4	1480.3	1542.5	1554.2
7.5°	1217.8	1250.5	1282.7	1315.0	1370.6	1426.2	1481.7	1537.3	1622.8	1684.5	1725.1
10°	1137.0	1177.2	1217.3	1257.5	1323.4	1389.7	1455.6	1521.5	1612.1	1693.4	1732.1
12.5°	1153.4	1217.3	1280.9	1344.9	1401.9	1459.3	1516.3	1573.3	1635.9	1666.7	1737.3
15°	1263.6	1308.0	1352.4	1396.7	1482.7	1568.2	1654.1	1739.6	1775.1	1845.6	1909.2
17.5°	1280.4	1361.7	1443.4	1524.7	1629.8	1734.9	1840.0	1945.1	2011.0	2102.1	2178.7
20°	1228.1	1343.0	1458.4	1573.3	1708.8	1844.7	1980.2	2115.6	2199.3	2275.9	2394.5
22.5°	1290.7	1417.8	1544.3	1671.4	1851.3	2030.6	2210.5	2389.9	2564.6	2735.5	2815.9
25°	1359.8	1529.9	1699.4	1869.0	2093.7	2317.9	2542.6	2766.8	2991.5	3151.7	3244.2
27.5°	1311.2	1481.7	1652.7	1823.2	2101.2	2379.6	2657.5	2935.5	3176.0	3369.0	3448.4
30°	1277.1	1486.4	1695.7	1905.0	2231.0	2557.1	2883.1	3209.2	3431.6	3646.9	3763.7
32.5°	1271.1	1539.7	1807.8	2076.4	2456.2	2835.5	3215.3	3594.6	3742.2	3933.3	4090.7
35°	1287.9	1583.1	1877.9	2172.6	2608.0	3043.4	3478.3	3913.6	4123.4	4312.6	4450.4
37.5°	1339.3	1668.6	1997.5	2326.8	2851.4	3376.4	3901.0	4425.6	4777.4	5123.5	5185.2
40°	1368.2	1717.6	2066.6	2415.5	3025.6	3635.7	4245.8	4855.9	5260.4	5640.2	5665.9
42.5°	1402.3	1781.2	2159.6	2538.4	3214.8	3891.7	4568.1	5244.5	5745.3	6153.5	6165.7
45°	1441.6	1831.2	2221.2	2610.8	3317.1	4023.0	4729.3	5435.1	6040.5	6536.6	6415.6
47.5°	1457.0	1876.0	2294.6	2713.1	3466.1	4218.7	4971.7	5724.3	6267.5	6718.8	6602.9
50°	1463.1	1919.9	2376.3	2832.7	3612.8	4393.4	5173.5	5953.6	6506.2	6946.3	6768.8
52.5°	1500.9	2000.7	2500.6	3000.4	3813.2	4626.0	5438.8	6251.6	6795.4	7218.1	6997.7
55°	1551.8	2120.3	2688.4	3256.9	4098.2	4939.0	5780.3	6621.2	7166.8	7560.1	7286.8
57.5°	1599.0	2211.4	2823.4	3435.3	4307.0	5179.1	6050.8	6922.5	7475.1	7864.2	7599.3
60°	1576.1	2215.1	2854.2	3493.2	4349.9	5206.2	6062.9	6919.2	7546.5	8013.2	7877.7
62.5°	1507.0	2128.3	2749.1	3370.4	4183.6	4996.5	5809.7	6622.6	7356.9	7955.3	7949.2
65°	1373.8	1945.6	2516.9	3088.7	3841.2	4594.3	5346.8	6099.4	6965.0	7691.8	7739.0
67.5°	1211.7	1686.4	2161.0	2635.6	3344.2	4052.9	4761.5	5470.1	6395.5	7197.6	7238.2
70°	1054.8	1402.8	1750.3	2097.9	2720.1	3342.3	3964.1	4586.3	5521.1	6332.5	6369.8
72.5°	870.7	1098.2	1325.3	1552.8	2056.8	2560.8	3064.4	3568.4	4389.2	5013.3	5224.0
75°	667.1	802.1	937.1	1072.1	1479.9	1887.7	2295.0	2702.8	3248.4	3709.0	3946.3
77.5°	476.9	547.0	617.1	687.2	1033.8	1380.4	1726.5	2073.1	2360.0	2621.1	2781.3
80°	313.0	345.7	378.8	411.5	699.8	988.0	1275.7	1564.0	1738.7	1878.8	1959.6
82.5°	189.7	206.0	221.9	238.2	471.8	705.4	938.5	1172.0	1272.0	1338.8	1410.7
85°	102.3	111.2	120.1	128.9	278.9	428.4	578.3	727.8	737.6	745.5	852.5
87.5°	29.9	32.7	35.0	37.4	61.7	86.4	110.7	135.0	84.1	52.3	107.4
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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426

CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1237.0	1230.9	1224.8	1218.3	1212.2	1186.5	1161.3	1135.6	1109.9	1134.7	1159.0
5°	1540.6	1559.3	1577.5	1596.2	1614.9	1616.3	1617.2	1618.6	1619.6	1624.2	1628.9
7.5°	1759.2	1792.4	1825.1	1858.3	1891.4	1917.1	1942.8	1969.0	1994.7	1971.3	1947.9
10°	1777.9	1848.0	1918.1	1988.1	2058.2	2070.8	2082.9	2095.6	2108.2	2125.0	2141.3
12.5°	1796.6	1882.1	1967.1	2052.6	2138.1	2175.4	2212.3	2249.7	2286.6	2304.8	2322.6
15°	1994.2	2044.6	2094.6	2145.1	2195.1	2220.8	2246.0	2271.7	2297.4	2312.8	2327.7
17.5°	2248.3	2267.0	2285.2	2303.9	2322.6	2339.9	2357.2	2374.4	2391.7	2394.5	2397.3
20°	2480.0	2483.7	2487.0	2490.8	2494.0	2457.6	2421.6	2385.2	2348.7	2355.3	2361.4
22.5°	2827.6	2807.0	2786.9	2766.4	2746.3	2677.6	2609.4	2540.7	2472.5	2443.1	2414.1
25°	3350.7	3298.4	3246.1	3193.8	3141.5	3032.2	2923.3	2814.0	2705.2	2641.2	2577.6
27.5°	3519.4	3405.4	3291.9	3177.9	3063.9	2981.2	2899.0	2816.3	2734.1	2632.8	2531.4
30°	3860.4	3680.5	3501.2	3321.3	3141.5	3061.6	2981.7	2901.4	2821.5	2717.8	2614.5
32.5°	4162.6	3975.8	3788.9	3601.6	3414.7	3263.4	3112.0	2960.7	2809.3	2739.3	2669.2
35°	4512.5	4277.5	4042.6	3807.6	3572.6	3442.8	3313.4	3183.5	3054.1	2948.1	2842.5
37.5°	5022.2	4772.2	4522.3	4271.9	4022.0	3846.4	3671.2	3495.6	3320.4	3262.0	3204.1
40°	5508.0	5212.7	4918.0	4622.8	4328.0	4193.5	4058.9	3923.9	3789.4	3690.8	3592.3
42.5°	5914.8	5622.9	5331.4	5039.4	4747.9	4649.8	4552.2	4454.1	4356.5	4275.2	4193.9
45°	6054.5	5816.3	5578.5	5340.3	5102.0	5067.5	5033.4	4998.8	4964.7	4904.4	4844.2
47.5°	6279.2	6036.3	5793.9	5550.9	5308.0	5320.7	5333.3	5346.3	5359.0	5362.2	5365.0
50°	6411.4	6180.6	5950.3	5719.6	5489.3	5550.5	5611.2	5672.4	5733.6	5872.3	6010.6
52.5°	6604.3	6377.8	6151.7	5925.1	5698.6	5802.3	5905.5	6009.2	6112.4	6306.8	6501.1
55°	6846.3	6629.6	6413.3	6196.5	5980.2	6081.1	6181.6	6282.5	6382.9	6599.2	6815.5
57.5°	7167.2	6935.1	6703.4	6471.2	6239.5	6332.5	6425.0	6517.9	6610.4	6815.9	7021.5
60°	7532.5	7280.3	7028.0	6775.3	6523.1	6548.7	6574.0	6599.7	6624.9	6847.7	7070.1
62.5°	7711.9	7478.3	7245.2	7011.7	6778.1	6706.6	6635.2	6563.2	6491.8	6691.2	6890.2
65°	7556.4	7395.7	7235.4	7074.7	6914.0	6787.9	6662.3	6536.1	6410.0	6534.7	6659.0
67.5°	7061.2	6970.1	6879.5	6788.4	6697.3	6485.7	6274.1	6062.0	5850.4	5858.8	5866.7
70°	6258.7	6234.4	6210.5	6186.2	6162.0	5843.8	5526.2	5208.1	4890.0	4841.4	4792.8
72.5°	5241.7	5257.6	5273.0	5288.9	5304.8	4962.8	4620.9	4278.9	3937.0	3856.2	3775.4
75°	4059.9	4147.7	4235.5	4323.8	4411.6	4084.6	3757.6	3430.2	3103.2	3003.7	2904.2
77.5°	2868.7	3032.6	3196.1	3360.1	3524.1	3228.4	2933.1	2637.4	2341.7	2277.3	2212.8
80°	2000.3	2080.6	2161.0	2241.3	2321.7	2173.1	2024.6	1876.0	1727.5	1745.2	1762.5
82.5°	1457.0	1475.7	1493.9	1512.6	1531.3	1470.5	1409.8	1348.6	1287.9	1334.1	1380.4
85°	933.3	1000.1	1066.5	1133.3	1199.6	1132.3	1065.1	997.3	930.1	960.9	991.7
87.5°	208.8	330.3	451.7	573.6	695.1	629.7	564.8	499.4	434.0	404.5	375.6
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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426

CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1183.7	1208.5	1201.0	1194.0	1186.5	1179.0	1192.6	1206.1	1220.2	1233.7	1229.0
5°	1634.0	1638.7	1594.3	1550.4	1506.0	1461.7	1489.2	1516.8	1544.3	1571.9	1562.1
7.5°	1924.6	1901.2	1875.5	1849.8	1823.7	1798.0	1792.4	1786.8	1780.7	1775.1	1767.6
10°	2158.2	2174.5	2157.7	2141.3	2124.5	2107.7	2068.5	2029.2	1989.5	1950.3	1933.9
12.5°	2340.8	2359.0	2363.2	2367.0	2371.2	2375.4	2331.5	2288.0	2244.1	2200.2	2160.5
15°	2343.1	2358.6	2372.1	2385.2	2398.7	2411.8	2384.7	2358.1	2331.0	2303.9	2291.3
17.5°	2400.6	2403.4	2392.2	2381.4	2370.2	2359.5	2348.7	2338.5	2327.7	2317.4	2297.4
20°	2367.9	2374.4	2373.0	2371.6	2369.8	2368.4	2369.3	2369.8	2370.7	2371.2	2360.0
22.5°	2384.7	2355.3	2361.4	2367.0	2373.0	2378.6	2395.5	2412.3	2429.6	2446.4	2491.2
25°	2513.6	2449.6	2439.8	2430.5	2420.7	2411.3	2455.3	2498.7	2542.6	2586.5	2659.4
27.5°	2429.6	2328.2	2305.8	2283.3	2260.9	2238.5	2305.3	2371.6	2438.4	2505.2	2579.5
30°	2510.8	2407.6	2358.1	2308.6	2258.6	2209.1	2273.1	2336.6	2400.6	2464.1	2546.3
32.5°	2599.1	2529.1	2495.9	2463.2	2430.0	2397.3	2402.5	2407.6	2412.7	2417.9	2533.7
35°	2736.5	2630.4	2597.7	2565.0	2532.3	2499.6	2554.3	2608.5	2663.1	2717.3	2815.4
37.5°	3145.7	3087.3	3028.4	2969.6	2910.2	2851.4	2883.6	2915.8	2948.1	2980.3	3072.8
40°	3493.7	3395.1	3385.3	3376.0	3366.2	3356.4	3359.2	3361.5	3364.3	3367.1	3446.0
42.5°	4112.2	4030.9	3980.9	3930.9	3880.9	3831.0	3827.7	3824.4	3820.7	3817.4	3876.7
45°	4783.4	4723.2	4685.8	4648.4	4610.6	4573.2	4513.9	4454.6	4394.8	4335.5	4387.3
47.5°	5368.3	5371.6	5439.3	5506.6	5574.3	5642.0	5540.7	5439.3	5337.9	5236.6	5169.8
50°	6149.3	6287.6	6304.0	6319.8	6336.2	6352.5	6180.6	6009.2	5837.3	5665.4	5595.3
52.5°	6695.9	6890.2	6865.0	6840.2	6815.0	6789.8	6690.3	6591.3	6491.8	6392.3	6239.5
55°	7032.2	7248.5	7229.4	7210.7	7191.5	7172.4	7100.0	7027.6	6955.2	6882.7	6715.0
57.5°	7227.0	7432.6	7438.2	7443.8	7449.4	7455.0	7435.8	7416.7	7397.5	7378.4	7160.2
60°	7292.9	7515.7	7518.0	7519.9	7522.3	7524.1	7493.8	7463.4	7432.6	7402.2	7259.7
62.5°	7089.7	7288.7	7297.6	7306.0	7314.8	7323.7	7302.7	7281.7	7260.7	7239.6	7134.1
65°	6783.7	6908.4	6910.8	6912.6	6915.0	6917.3	6864.1	6811.3	6758.0	6704.8	6679.5
67.5°	5875.1	5883.5	5933.1	5982.6	6032.1	6081.6	6085.8	6090.0	6094.7	6098.9	6062.5
70°	4744.2	4695.6	4749.3	4803.1	4856.8	4910.5	4933.4	4956.3	4979.6	5002.5	5019.3
72.5°	3694.1	3613.3	3653.0	3692.7	3732.9	3772.6	3738.5	3704.4	3670.3	3636.2	3744.1
75°	2804.7	2705.2	2700.0	2695.4	2690.2	2685.6	2668.3	2651.0	2633.2	2615.9	2716.8
77.5°	2147.9	2083.4	2086.7	2089.5	2092.8	2095.6	2077.8	2060.5	2042.8	2025.0	2063.8
80°	1780.2	1797.5	1798.0	1798.5	1798.9	1799.4	1782.6	1766.2	1749.4	1732.6	1704.6
82.5°	1427.1	1473.3	1472.9	1472.9	1472.4	1471.9	1471.0	1470.1	1468.7	1467.7	1422.0
85°	1022.6	1053.4	1021.6	989.9	958.1	926.3	949.7	973.0	996.9	1020.2	1001.1
87.5°	346.1	317.2	279.3	242.0	204.1	166.3	206.9	247.6	288.7	329.3	352.7
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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426

CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1	1015.1
2.5°	1224.8	1220.2	1215.9	1186.5	1156.6	1127.2	1097.3	1151.5	1206.1	1260.3	1314.5
5°	1552.8	1542.9	1533.6	1531.3	1528.9	1526.1	1523.8	1551.4	1578.9	1606.0	1633.6
7.5°	1760.2	1752.7	1745.2	1725.6	1706.4	1686.8	1667.2	1684.0	1700.4	1717.2	1733.5
10°	1918.1	1901.7	1885.4	1842.8	1800.8	1758.3	1715.8	1703.2	1690.6	1677.9	1665.3
12.5°	2120.8	2080.6	2040.9	1992.8	1944.2	1896.1	1847.5	1841.0	1834.4	1828.4	1821.8
15°	2279.1	2266.5	2253.9	2215.6	2177.3	2139.0	2100.7	2049.3	1997.5	1946.1	1894.7
17.5°	2277.7	2257.7	2238.0	2289.4	2340.3	2391.7	2442.6	2388.0	2332.9	2278.2	2223.6
20°	2348.7	2337.1	2325.9	2420.7	2515.0	2609.9	2704.2	2674.3	2644.0	2614.1	2583.7
22.5°	2535.6	2580.4	2624.8	2706.1	2786.9	2868.2	2949.0	2983.1	3017.2	3051.3	3085.4
25°	2731.8	2804.7	2877.5	2998.5	3119.1	3240.0	3361.0	3385.3	3409.6	3433.9	3458.2
27.5°	2653.3	2727.6	2801.9	2893.4	2984.5	3076.1	3167.2	3273.7	3380.6	3487.2	3593.7
30°	2628.1	2710.3	2792.1	2917.7	3042.9	3168.6	3294.2	3440.9	3587.6	3733.8	3880.5
32.5°	2649.1	2765.0	2880.8	3050.8	3220.4	3390.5	3560.5	3714.6	3869.3	4023.4	4177.6
35°	2913.0	3011.1	3108.8	3298.9	3489.0	3679.1	3869.3	4050.0	4230.8	4411.1	4591.9
37.5°	3164.8	3257.3	3349.8	3544.1	3738.0	3932.3	4126.7	4412.1	4698.0	4983.4	5268.8
40°	3524.5	3603.5	3681.9	3848.2	4014.5	4180.8	4347.1	4691.4	5035.7	5380.0	5724.3
42.5°	3935.6	3994.9	4053.8	4226.2	4398.5	4570.9	4743.3	5117.9	5493.0	5867.7	6242.3
45°	4438.7	4490.6	4542.4	4661.1	4779.7	4898.8	5017.5	5403.8	5790.1	6176.4	6562.8
47.5°	5103.0	5036.2	4969.4	5027.8	5086.1	5144.5	5202.9	5585.0	5967.2	6348.8	6730.9
50°	5525.3	5455.2	5385.1	5390.3	5394.9	5400.1	5405.2	5761.6	6118.0	6474.0	6830.4
52.5°	6086.7	5933.5	5780.8	5779.4	5778.0	5776.1	5774.7	6085.3	6396.5	6707.1	7017.7
55°	6547.3	6379.6	6211.9	6179.2	6146.5	6113.4	6080.7	6388.1	6695.0	7002.3	7309.2
57.5°	6942.1	6723.5	6505.3	6453.9	6402.5	6351.1	6299.8	6631.0	6962.6	7293.8	7625.0
60°	7117.7	6975.2	6833.2	6770.2	6707.1	6644.0	6581.0	6863.1	7145.3	7427.0	7709.1
62.5°	7029.0	6923.4	6818.3	6832.8	6847.2	6861.7	6876.2	7037.4	7199.0	7360.2	7521.3
65°	6654.8	6629.6	6604.8	6721.6	6838.4	6955.2	7071.9	7074.3	7076.6	7078.9	7081.3
67.5°	6026.0	5989.6	5953.1	6196.1	6438.5	6681.4	6924.3	6808.9	6693.6	6578.6	6463.3
70°	5035.7	5052.5	5068.9	5399.6	5729.9	6060.6	6391.3	6224.1	6056.4	5889.2	5721.5
72.5°	3852.0	3960.4	4068.3	4411.1	4754.0	5096.9	5439.8	5248.7	5057.2	4866.1	4674.6
75°	2817.7	2918.7	3019.6	3358.2	3696.9	4036.0	4374.7	4147.7	3920.7	3694.1	3467.1
77.5°	2102.6	2141.8	2180.6	2462.3	2743.5	3025.2	3306.4	3078.4	2850.4	2623.0	2395.0
80°	1677.0	1649.0	1621.4	1777.4	1933.5	2089.5	2245.5	2083.9	1921.8	1760.2	1598.5
82.5°	1376.6	1330.9	1285.6	1343.5	1401.4	1459.8	1517.7	1388.3	1258.9	1129.5	1000.1
85°	981.9	962.8	943.6	960.4	976.8	993.6	1010.4	884.3	758.2	632.5	506.4
87.5°	375.6	398.9	422.3	448.9	475.1	501.7	527.9	413.4	299.0	185.0	70.5
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: P367426
 CATALOG NUMBER: MSA-SA2C-730-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: P367426
CATALOG NUMBER: MSA-SA2C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1015.1	1015.1
2.5°	1336.9	1359.4
5°	1633.1	1632.6
7.5°	1726.1	1718.1
10°	1644.8	1624.2
12.5°	1761.1	1699.9
15°	1834.0	1772.8
17.5°	2131.5	2039.0
20°	2473.9	2363.7
22.5°	2917.7	2750.0
25°	3257.8	3056.9
27.5°	3474.5	3355.0
30°	3743.6	3606.7
32.5°	4076.7	3975.3
35°	4499.4	4406.5
37.5°	5239.8	5210.4
40°	5689.2	5653.7
42.5°	6243.7	6244.6
45°	6583.8	6604.8
47.5°	6784.2	6837.0
50°	6943.9	7057.0
52.5°	7172.4	7327.0
55°	7514.8	7719.8
57.5°	7799.7	7974.4
60°	7799.7	7889.9
62.5°	7519.0	7516.2
65°	7037.8	6993.9
67.5°	6408.1	6353.0
70°	5635.5	5549.1
72.5°	4567.6	4460.2
75°	3319.9	3172.3
77.5°	2324.9	2254.4
80°	1632.6	1666.7
82.5°	1048.7	1097.3
85°	498.9	491.4
87.5°	58.9	47.2
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: P367426
CATALOG NUMBER: MSA-SA2C-730-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)