

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: P366898

Luminaire Tested: **MSA-SA1C-730-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P366898
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-SA1C-730-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) 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: 4893 lumens
Efficiency: N/A
Efficacy: 82.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

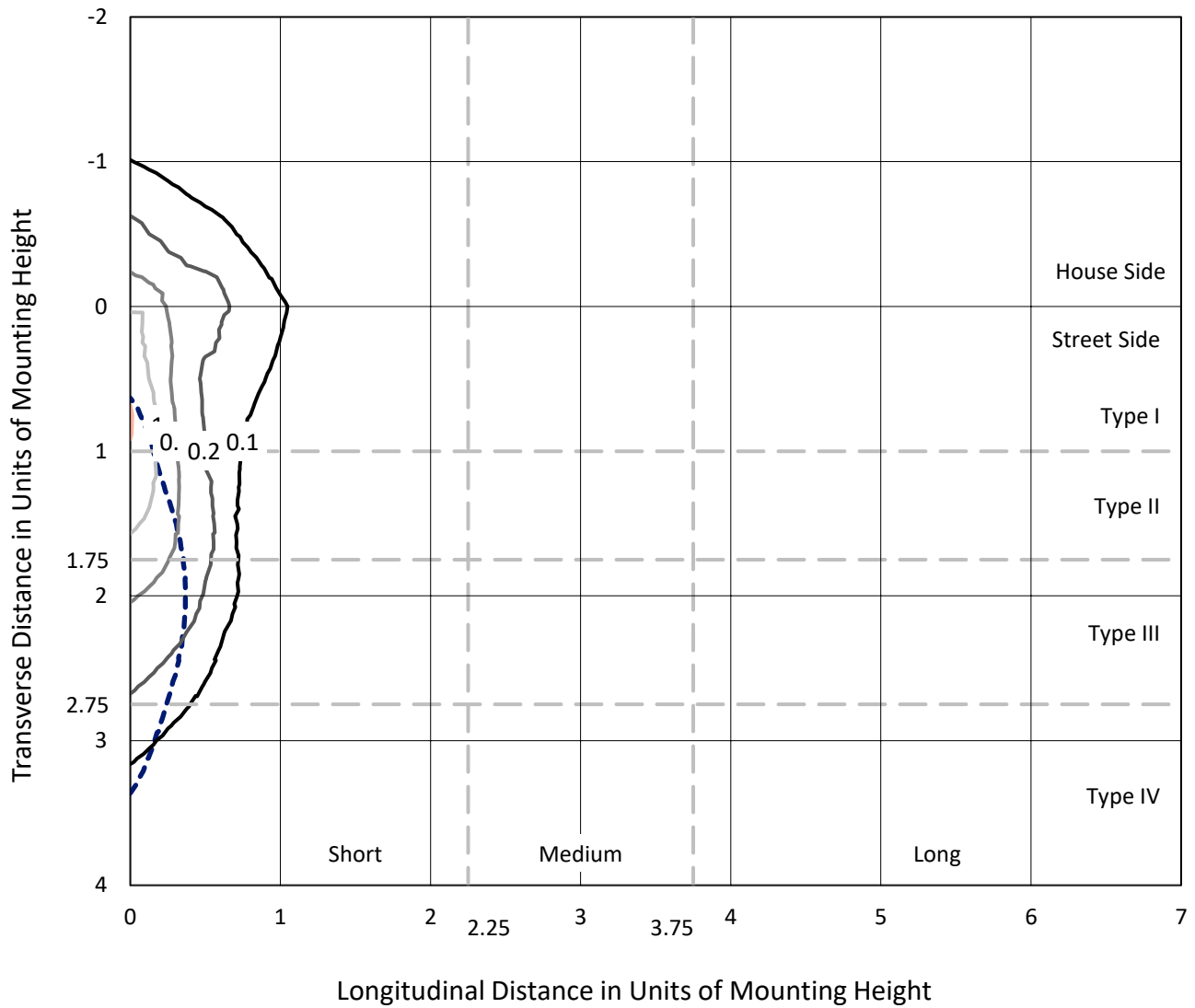
Input Watts (W): 59
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P366898
 CATALOG NUMBER: MSA-SA1C-730-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

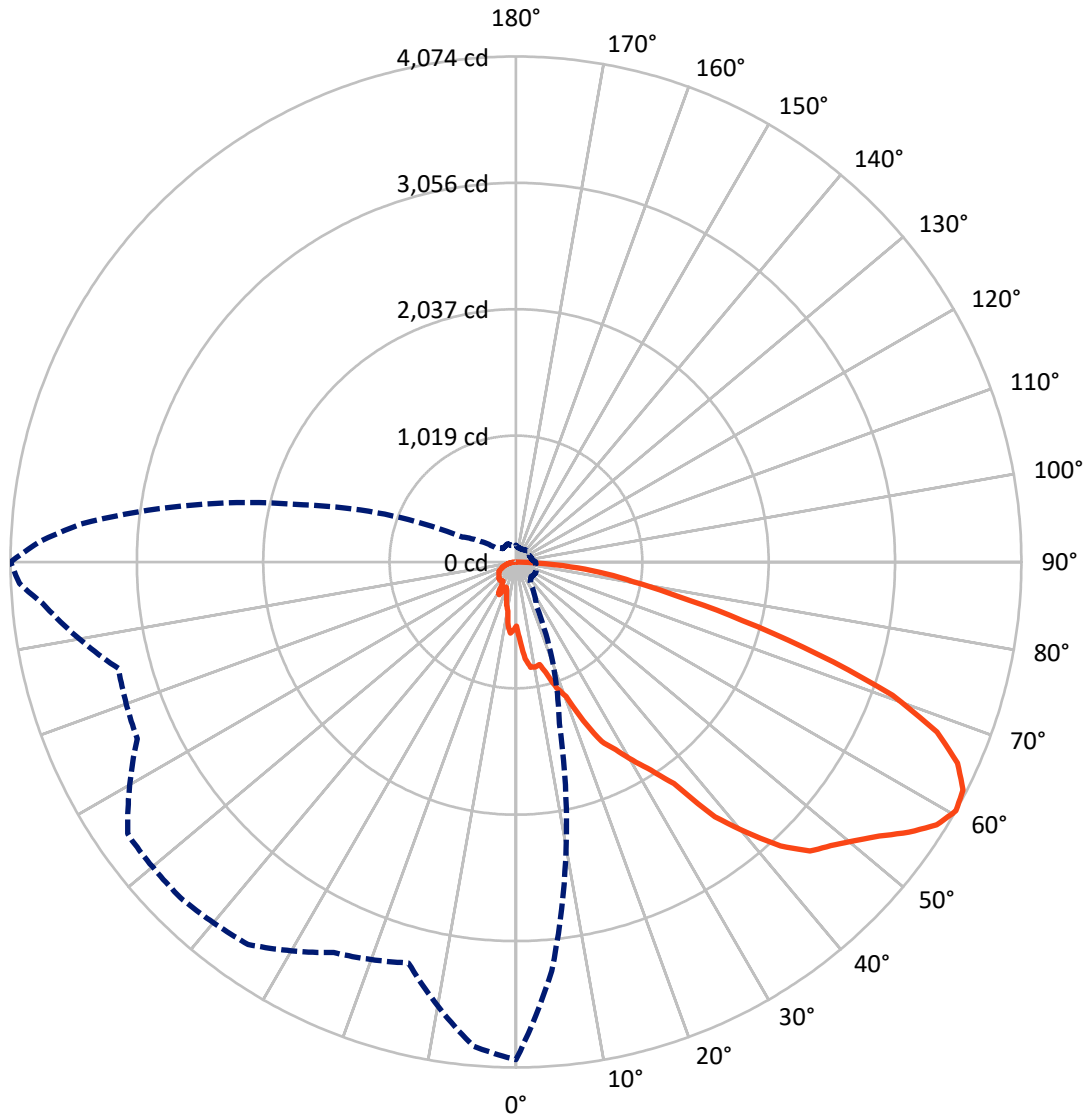
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 fc
 Type IV - Short - N/A

REPORT NUMBER: P366898
CATALOG NUMBER: MSA-SA1C-730-U-SLR

Luminous Intensity Polar Plot



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

REPORT NUMBER: P366898

CATALOG NUMBER: MSA-SA1C-730-U-SLR

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	947.7	0.0	947.7
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	3945.3	0.0	3945.3
	% Fixture	80.6	0.0	80.6
Total	Lumens	4893.0	0.0	4893.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.2	1.2
10°-20°	171.9	3.5
20°-30°	303.5	6.2
30°-40°	472.7	9.7
40°-50°	778.2	15.9
50°-60°	1110.8	22.7
60°-70°	1177.8	24.1
70°-80°	650.5	13.3
80°-90°	168.3	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°	4893.0	100.0
0°-180°	4893.0	100.0

Coefficient of Utilization

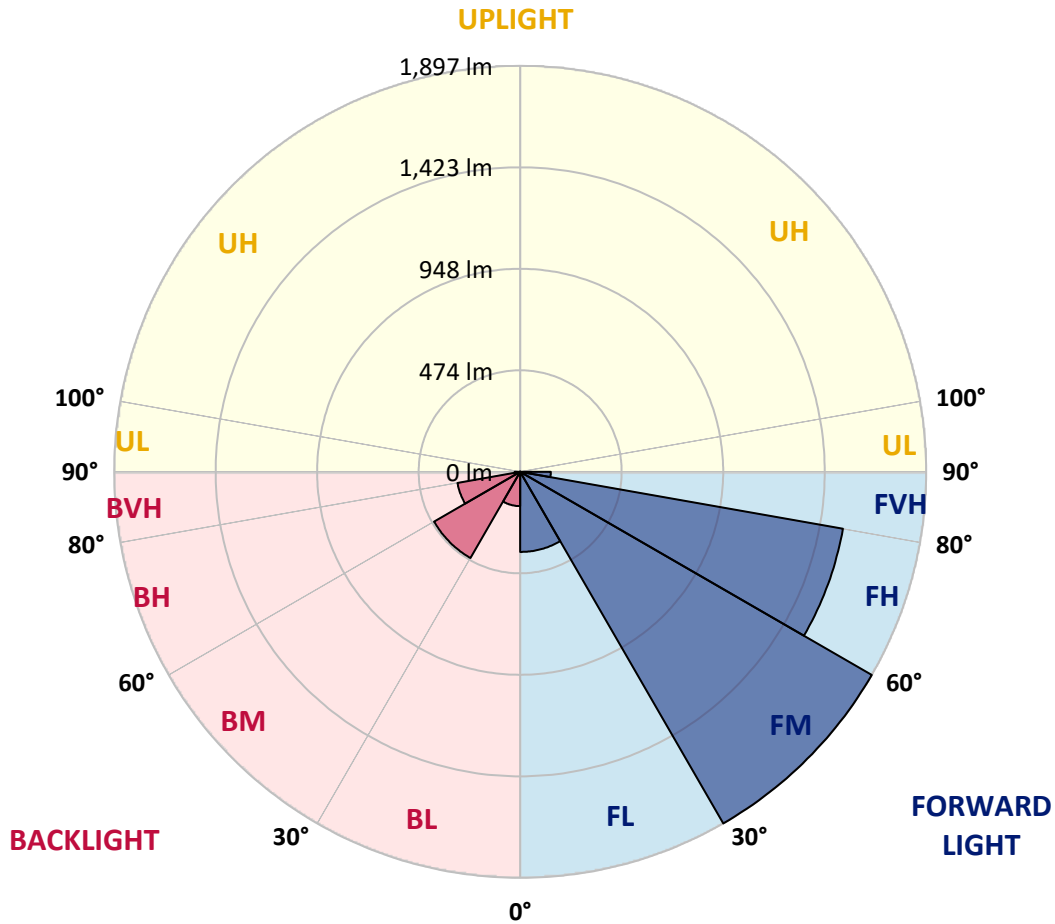


REPORT NUMBER: P366898
 CATALOG NUMBER: MSA-SA1C-730-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	374.4	7.7			
FM (30°-60°)	1896.8	38.8			
FH (60°-80°)	1531.0	31.3			G1/1800
FVH (80°-90°)	143.1	2.9			G2/225
BL (0°-30°)	160.2	3.3	B1/500		
BM (30°-60°)	464.9	9.5	B1/1000		
BH (60°-80°)	297.3	6.1	B1/500		G1/500
BVH (80°-90°)	25.3	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
 Type IV Short





REPORT NUMBER: P366898

CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	691.1	695.4	699.4	691.4	683.3	675.0	666.9	654.8	642.4	630.3	618.0
5°	830.1	814.4	798.5	792.1	785.9	779.5	773.1	767.1	761.2	755.0	749.1
7.5°	873.5	851.2	828.6	819.1	809.6	799.9	790.4	769.0	747.6	726.0	704.7
10°	825.8	802.5	779.0	769.7	760.2	751.0	741.5	715.3	689.5	663.3	637.2
12.5°	864.3	840.5	816.5	787.1	757.6	727.9	698.5	684.0	669.5	654.8	640.3
15°	901.3	869.2	836.9	807.5	778.0	748.4	718.9	689.9	661.0	632.0	603.0
17.5°	1036.7	983.2	929.8	876.6	823.2	770.0	716.5	683.0	649.3	615.8	582.1
20°	1201.7	1127.4	1052.8	972.1	891.1	810.3	729.4	687.1	645.0	602.8	560.5
22.5°	1398.2	1304.3	1210.5	1108.6	1006.8	904.6	802.7	741.5	680.2	618.7	557.4
25°	1554.2	1463.9	1373.7	1244.5	1115.3	986.1	856.9	787.3	717.7	647.9	578.3
27.5°	1705.7	1562.0	1418.1	1270.1	1122.4	974.5	826.5	762.1	697.8	633.4	569.0
30°	1833.7	1719.7	1605.7	1412.6	1219.6	1026.2	833.1	754.1	675.0	595.9	516.8
32.5°	2021.1	1858.4	1695.5	1494.1	1292.7	1091.3	889.9	788.7	687.6	586.4	485.2
35°	2240.3	2071.2	1902.1	1653.0	1404.1	1155.0	905.8	798.7	691.4	584.2	476.9
37.5°	2649.1	2351.0	2052.7	1780.8	1508.8	1236.7	964.7	840.3	715.8	591.1	466.7
40°	2874.4	2598.9	2323.4	1984.5	1645.6	1306.5	967.6	840.3	712.7	585.4	457.9
42.5°	3174.9	2826.5	2477.8	2111.4	1745.1	1378.7	1012.2	871.1	730.1	588.8	447.7
45°	3358.0	2969.7	2581.1	2189.5	1797.9	1406.2	1014.6	871.4	728.2	585.0	441.7
47.5°	3476.0	3103.2	2730.0	2308.5	1886.9	1465.1	1043.6	891.6	739.3	587.3	435.1
50°	3587.9	3218.6	2849.0	2411.3	1973.8	1536.1	1098.4	932.4	766.4	600.2	434.1
52.5°	3725.2	3385.1	3044.7	2575.2	2105.4	1635.9	1166.1	985.4	804.6	623.9	443.2
55°	3924.9	3589.8	3254.4	2750.5	2246.3	1742.3	1238.1	1037.4	836.9	636.3	435.6
57.5°	4054.3	3714.5	3374.6	2860.7	2346.7	1832.5	1318.6	1096.3	874.0	651.5	429.2
60°	4011.3	3660.8	3310.0	2820.1	2330.1	1840.1	1350.2	1110.1	870.2	630.1	390.0
62.5°	3821.3	3448.7	3076.1	2637.2	2198.5	1759.6	1320.7	1076.6	832.7	588.5	344.4
65°	3555.8	3170.6	2785.1	2389.2	1993.3	1597.4	1201.5	979.9	758.1	536.5	314.7
67.5°	3230.0	2828.4	2426.5	2076.0	1725.4	1374.6	1024.1	838.8	653.8	468.6	283.3
70°	2821.2	2426.5	2031.8	1728.5	1425.2	1121.9	818.7	679.2	540.1	400.7	261.2
72.5°	2267.6	1927.1	1586.5	1347.8	1109.1	870.4	631.7	534.8	438.2	341.3	244.4
75°	1612.9	1412.6	1212.4	1026.7	841.0	655.0	469.3	406.6	343.9	281.2	218.5
77.5°	1146.2	1028.1	910.1	764.5	618.9	473.3	327.7	290.9	254.4	217.5	180.7
80°	847.4	748.8	650.3	540.5	430.8	321.1	211.4	193.3	175.5	157.5	139.4
82.5°	557.9	513.5	468.8	381.9	295.0	208.0	121.1	114.5	107.8	101.2	94.5
85°	249.8	263.9	277.6	224.4	171.0	117.8	64.4	61.3	58.2	55.1	52.0
87.5°	24.0	35.4	46.8	40.1	33.2	26.6	19.7	19.5	19.5	19.2	19.0
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: P366898
 CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366898

CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	621.3	624.6	627.9	631.3	627.7	624.1	620.3	616.8	612.3	607.8	603.0
5°	739.1	728.9	718.9	708.7	693.5	678.3	662.9	647.7	645.8	643.6	641.7
7.5°	685.9	667.4	648.6	629.8	606.1	582.6	558.8	535.1	528.0	520.8	513.7
10°	624.6	611.8	599.2	586.4	571.7	556.9	542.0	527.2	507.8	488.1	468.6
12.5°	619.4	598.5	577.4	556.5	547.4	538.4	529.4	520.4	503.3	486.2	468.8
15°	586.1	569.0	552.2	535.1	522.0	509.0	495.9	482.8	469.1	455.0	441.3
17.5°	562.6	543.2	523.7	504.2	489.2	474.3	459.1	444.1	427.5	410.6	394.0
20°	538.2	516.1	493.8	471.4	452.4	433.7	414.7	395.7	377.4	359.3	341.0
22.5°	528.2	499.0	469.8	440.6	420.6	400.4	380.5	360.3	343.4	326.6	309.7
25°	543.4	508.7	473.8	438.9	412.1	385.0	358.1	331.1	317.1	303.0	288.8
27.5°	525.6	481.9	438.4	394.7	366.0	337.0	308.3	279.3	277.2	275.0	272.6
30°	471.0	425.1	379.3	333.4	307.1	280.5	254.1	227.5	222.5	217.3	212.3
32.5°	438.4	391.6	344.8	298.1	274.5	250.8	227.3	203.5	197.8	192.1	186.4
35°	426.1	375.2	324.4	273.6	253.4	233.2	213.0	192.8	188.8	185.0	181.0
37.5°	416.1	365.7	315.2	264.6	245.1	225.6	205.9	186.4	183.3	180.3	177.2
40°	406.6	355.5	304.2	252.9	235.6	218.5	201.2	183.8	181.9	180.0	177.9
42.5°	398.0	348.4	298.5	248.9	233.5	218.3	202.8	187.4	185.5	183.6	181.7
45°	393.3	344.8	296.4	247.9	236.8	225.6	214.2	203.1	198.5	194.0	189.3
47.5°	389.7	344.4	299.0	253.6	242.0	230.4	218.7	207.1	203.1	199.0	194.7
50°	390.4	347.0	303.3	259.6	245.6	231.3	217.3	203.1	202.6	202.1	201.6
52.5°	396.9	350.8	304.5	258.2	243.0	227.8	212.3	197.1	200.2	203.1	206.1
55°	387.6	339.6	291.4	243.4	228.9	214.7	200.2	185.7	189.8	193.6	197.6
57.5°	377.1	325.1	273.1	221.1	210.2	199.3	188.1	177.2	181.4	186.0	190.2
60°	342.5	295.0	247.5	200.0	192.6	185.2	177.9	170.5	172.4	174.3	176.2
62.5°	304.5	264.3	224.4	184.3	178.6	172.7	167.0	161.0	161.0	161.3	161.3
65°	280.2	245.8	211.4	176.9	170.5	164.1	157.5	151.0	150.1	149.1	148.2
67.5°	256.0	228.9	201.6	174.3	165.1	156.0	146.8	137.5	136.3	135.4	134.2
70°	237.0	212.8	188.6	164.3	153.9	143.7	133.2	122.8	121.8	121.1	120.2
72.5°	221.6	199.0	176.2	153.4	142.5	131.3	120.4	109.2	108.5	107.8	106.9
75°	198.3	178.4	158.2	138.0	127.3	116.8	106.2	95.5	94.5	93.8	92.9
77.5°	164.1	147.2	130.6	113.8	105.4	97.4	89.1	80.7	80.3	79.8	79.1
80°	126.3	113.3	100.0	86.9	81.5	75.8	70.3	64.6	64.4	64.1	63.6
82.5°	86.7	78.8	71.0	63.2	59.1	54.9	50.8	46.5	46.8	47.0	47.3
85°	49.4	46.5	43.9	41.1	37.8	34.7	31.3	28.0	28.7	29.4	29.9
87.5°	18.0	17.1	16.1	15.2	13.5	12.1	10.4	8.8	9.3	10.0	10.4
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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 CATALOG NUMBER: MSA-SA1C-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: P366898
 CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	598.5	591.4	584.2	577.1	570.0	555.3	540.8	526.1	511.3	520.4	529.6
5°	639.6	627.5	615.1	603.0	590.7	583.8	576.9	570.0	563.1	566.7	570.5
7.5°	506.6	499.5	492.1	485.0	477.6	474.5	471.7	468.6	465.5	474.3	483.1
10°	448.9	438.9	428.9	418.7	408.7	402.8	396.9	390.9	385.0	387.4	389.7
12.5°	451.7	437.0	422.3	407.5	392.8	384.0	375.2	366.5	357.7	359.8	361.9
15°	427.3	412.1	396.9	381.7	366.5	356.2	345.8	335.6	325.1	321.6	317.8
17.5°	377.1	360.5	343.9	327.3	310.6	303.8	296.9	290.0	283.1	279.3	275.5
20°	322.8	307.3	291.9	276.4	261.0	256.3	251.5	246.5	241.8	239.4	236.8
22.5°	292.8	283.3	273.6	264.1	254.4	248.9	243.7	238.2	232.7	230.1	227.3
25°	274.8	276.7	278.8	280.7	282.6	280.2	277.6	275.3	272.6	273.6	274.3
27.5°	270.5	274.5	278.8	282.9	286.9	289.0	291.2	293.3	295.4	296.2	296.9
30°	207.1	209.2	211.1	213.3	215.2	221.1	227.0	232.7	238.7	247.9	257.4
32.5°	180.7	180.0	179.3	178.4	177.6	179.1	180.5	181.7	183.1	186.4	190.0
35°	176.9	175.3	173.4	171.7	169.8	170.5	171.2	171.9	172.7	175.3	177.9
37.5°	174.1	173.4	172.9	172.2	171.5	173.1	174.6	176.2	177.6	179.8	181.9
40°	176.0	175.7	175.5	175.0	174.8	175.7	176.7	177.6	178.6	181.4	184.3
42.5°	179.8	179.8	179.5	179.5	179.3	180.3	181.0	181.9	182.6	184.3	186.0
45°	184.8	184.3	184.1	183.6	183.1	182.9	182.9	182.6	182.4	183.3	184.5
47.5°	190.7	189.0	187.1	185.5	183.6	183.1	182.4	181.9	181.2	181.7	182.2
50°	201.2	196.6	192.4	187.9	183.3	182.2	181.0	179.8	178.6	178.4	178.4
52.5°	209.0	202.3	195.7	189.0	182.4	180.3	178.1	176.0	173.8	173.4	173.1
55°	201.4	196.4	191.7	186.7	181.7	178.6	175.3	172.2	168.9	168.1	167.4
57.5°	194.5	191.4	188.3	185.2	182.2	179.1	175.7	172.7	169.3	167.7	166.0
60°	178.1	178.1	178.4	178.4	178.4	175.0	171.7	168.4	165.1	163.4	162.0
62.5°	161.3	163.9	166.2	168.9	171.2	166.7	162.0	157.5	152.7	151.5	150.6
65°	147.2	148.0	148.9	149.6	150.3	146.8	143.2	139.6	136.1	135.4	134.4
67.5°	133.0	132.8	132.5	132.0	131.8	129.7	127.3	125.2	122.8	121.8	120.9
70°	119.2	119.0	118.7	118.3	118.0	116.1	114.2	112.3	110.4	109.7	109.0
72.5°	106.2	105.9	105.4	105.2	104.7	103.1	101.6	100.0	98.3	97.4	96.4
75°	91.9	91.4	91.0	90.5	90.0	88.6	87.2	85.5	84.1	83.1	82.2
77.5°	78.6	77.9	77.2	76.2	75.5	74.3	72.9	71.7	70.3	69.1	68.2
80°	63.4	62.9	62.5	61.7	61.3	60.1	58.9	57.5	56.3	54.9	53.7
82.5°	47.5	47.3	46.8	46.5	46.1	44.9	43.7	42.5	41.3	39.9	38.5
85°	30.6	30.4	30.2	29.9	29.7	28.7	28.0	27.1	26.1	24.7	23.5
87.5°	10.9	10.4	10.2	9.7	9.3	9.0	8.5	8.3	7.8	7.1	6.4
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: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898
 CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	538.6	547.7	547.9	547.9	552.2	556.2	547.9	539.6	531.0	522.7	514.4
5°	574.0	577.6	576.6	575.5	570.2	565.0	559.5	554.1	548.6	543.2	543.4
7.5°	491.9	500.6	507.8	514.7	508.0	501.4	497.8	494.2	490.7	487.1	486.6
10°	391.9	394.2	397.1	399.7	395.7	391.4	398.5	405.6	412.5	419.7	411.8
12.5°	364.1	366.2	361.2	356.0	354.3	352.7	351.0	349.1	347.5	345.6	344.6
15°	314.2	310.4	306.6	302.6	301.6	300.4	299.2	297.8	296.6	295.2	290.9
17.5°	271.7	267.9	261.5	254.8	252.2	249.4	248.7	247.9	247.0	246.3	242.2
20°	234.4	231.8	230.1	228.2	225.6	223.0	220.4	217.8	214.9	212.3	208.5
22.5°	224.7	221.8	219.7	217.3	216.8	216.4	211.6	206.6	201.9	196.9	194.7
25°	275.3	276.0	262.9	249.6	248.4	247.2	238.7	229.9	221.3	212.6	205.2
27.5°	297.3	298.1	297.6	297.1	293.3	289.3	274.8	260.1	245.6	230.8	220.4
30°	266.7	276.0	279.5	283.1	280.5	277.6	262.4	247.5	232.3	217.1	210.2
32.5°	193.3	196.6	202.6	208.3	211.4	214.2	209.5	204.7	200.0	195.2	194.0
35°	180.3	182.9	184.1	185.2	183.3	181.4	177.9	174.3	170.5	167.0	166.2
37.5°	183.8	186.0	188.3	190.7	185.5	180.0	176.0	172.2	168.1	164.1	160.8
40°	187.1	190.0	191.4	192.8	187.6	182.4	177.4	172.7	167.7	162.7	159.4
42.5°	187.6	189.3	191.9	194.5	187.1	179.5	175.0	170.3	165.8	161.0	157.7
45°	185.5	186.4	188.8	191.2	182.6	173.8	169.8	165.5	161.5	157.2	154.4
47.5°	182.4	182.9	184.8	186.4	177.4	168.1	164.3	160.5	156.5	152.7	149.9
50°	178.1	177.9	179.3	180.5	171.2	162.0	158.2	154.6	150.8	147.0	144.6
52.5°	172.7	172.2	173.6	174.8	165.1	155.3	152.0	148.9	145.6	142.3	140.4
55°	166.5	165.8	167.0	168.1	158.6	148.9	146.1	143.0	140.1	137.0	135.4
57.5°	164.1	162.4	163.2	163.9	153.2	142.5	139.6	136.8	133.9	131.1	129.9
60°	160.3	158.6	159.4	159.8	148.4	136.8	134.2	131.3	128.7	125.9	124.7
62.5°	149.4	148.2	149.1	150.1	139.9	129.4	127.1	124.9	122.5	120.2	118.5
65°	133.7	132.8	134.7	136.6	127.8	119.0	117.6	116.1	114.5	113.0	111.4
67.5°	119.9	119.0	120.9	122.8	116.4	110.0	108.5	107.1	105.7	104.3	103.3
70°	108.3	107.6	109.2	110.9	105.4	100.0	98.6	97.4	95.9	94.5	93.8
72.5°	95.2	94.3	96.4	98.3	93.8	89.1	87.9	86.4	85.3	83.8	83.4
75°	81.2	80.3	82.2	83.8	80.7	77.4	76.2	75.0	73.9	72.7	72.4
77.5°	67.0	65.8	67.7	69.3	67.4	65.3	64.4	63.2	62.2	61.0	61.0
80°	52.2	50.8	52.2	53.4	52.7	52.0	51.3	50.3	49.6	48.7	48.9
82.5°	37.0	35.6	36.3	37.0	37.5	38.0	38.0	38.0	38.0	38.0	38.0
85°	22.1	20.7	20.9	21.1	21.8	22.6	22.8	23.0	23.3	23.5	23.7
87.5°	5.7	5.0	4.5	3.8	4.5	5.0	5.5	5.7	6.2	6.4	6.4
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: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898
 CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	506.1	497.6	489.2	494.5	499.5	504.7	509.7	509.9	509.9	510.1	510.1
5°	543.9	544.1	544.3	539.4	534.6	529.6	524.6	522.0	519.4	516.6	513.9
7.5°	485.9	485.4	484.7	480.0	475.2	470.5	465.7	454.3	442.7	431.3	419.7
10°	403.7	395.9	387.8	385.9	384.3	382.4	380.5	377.4	374.5	371.4	368.4
12.5°	343.7	342.7	341.8	336.8	331.8	326.6	321.6	321.6	321.6	321.6	321.6
15°	286.4	282.1	277.6	275.3	272.6	270.3	267.7	266.5	265.3	264.1	262.9
17.5°	238.0	233.9	229.7	229.2	228.7	228.2	227.8	226.6	225.4	224.2	223.0
20°	204.7	200.9	197.1	198.5	200.0	201.2	202.6	201.4	200.2	198.8	197.6
22.5°	192.4	190.2	187.9	186.7	185.5	184.1	182.9	182.9	183.1	183.1	183.1
25°	198.1	190.7	183.3	179.8	176.2	172.4	168.9	167.4	166.2	164.8	163.4
27.5°	209.9	199.3	188.8	182.6	176.5	170.3	164.1	161.5	158.6	156.0	153.2
30°	203.1	196.2	189.0	181.9	174.8	167.7	160.5	157.2	153.9	150.3	147.0
32.5°	192.8	191.4	190.2	183.6	176.9	170.0	163.4	162.0	160.8	159.4	157.9
35°	165.3	164.6	163.6	162.0	160.3	158.6	157.0	155.1	153.2	151.3	149.4
37.5°	157.7	154.4	151.0	150.3	149.6	148.9	148.2	147.5	146.8	145.8	145.1
40°	156.0	152.7	149.4	148.2	147.0	145.6	144.4	144.6	145.1	145.3	145.6
42.5°	154.1	150.8	147.2	146.3	145.3	144.4	143.4	143.7	144.2	144.4	144.6
45°	151.8	148.9	146.1	144.4	143.0	141.3	139.6	141.1	142.5	143.7	145.1
47.5°	147.0	143.9	141.1	140.1	139.2	138.0	137.0	138.5	139.9	141.1	142.5
50°	142.0	139.6	137.0	136.8	136.6	136.1	135.8	136.8	137.7	138.7	139.6
52.5°	138.2	136.3	134.2	134.2	133.9	133.9	133.7	134.7	135.6	136.3	137.3
55°	133.9	132.3	130.6	130.9	131.3	131.6	131.8	132.8	133.9	134.9	135.8
57.5°	128.5	127.3	125.9	126.8	127.5	128.5	129.2	129.9	130.9	131.6	132.3
60°	123.3	122.1	120.6	121.6	122.8	123.7	124.7	125.4	126.1	126.8	127.5
62.5°	116.8	114.9	113.3	114.7	115.9	117.3	118.5	119.0	119.7	120.2	120.6
65°	110.0	108.3	106.6	107.6	108.5	109.2	110.2	110.9	111.6	112.3	113.0
67.5°	102.1	101.2	100.0	100.7	101.4	102.1	102.8	103.1	103.1	103.3	103.3
70°	92.9	92.1	91.2	91.7	92.4	92.9	93.3	93.3	93.3	93.1	93.1
72.5°	83.1	82.6	82.2	82.4	82.9	83.1	83.4	83.1	82.9	82.6	82.4
75°	72.2	72.0	71.7	72.0	72.4	72.7	72.9	72.7	72.2	72.0	71.5
77.5°	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.0	60.6	60.1	59.6
80°	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.2	48.7	48.0	47.5
82.5°	38.0	38.0	38.0	38.0	38.2	38.2	38.2	37.0	36.1	34.9	33.7
85°	23.7	24.0	24.0	24.2	24.5	24.5	24.7	23.0	21.6	19.9	18.3
87.5°	6.4	6.4	6.4	6.4	6.4	6.2	6.2	4.7	3.1	1.7	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: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898
 CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	511.6	513.0	514.2	515.6	515.8	516.1	516.1	516.3	511.3	506.3	501.1
5°	517.5	520.8	524.4	527.7	527.0	526.3	525.6	524.9	523.4	522.3	520.8
7.5°	417.0	414.7	412.1	409.4	411.6	413.7	415.9	418.0	418.9	419.9	420.6
10°	362.4	356.5	350.5	344.6	341.3	337.7	334.4	330.8	330.4	330.1	329.6
12.5°	315.4	309.0	302.8	296.4	294.5	292.4	290.5	288.3	290.2	292.1	293.8
15°	260.3	257.9	255.3	252.7	254.8	257.0	259.1	261.2	263.1	264.8	266.7
17.5°	221.8	220.9	219.7	218.5	220.4	222.5	224.4	226.3	230.6	234.9	239.2
20°	196.6	195.9	195.0	194.0	193.3	192.4	191.7	190.7	196.9	202.8	209.0
22.5°	181.7	180.3	178.8	177.4	177.6	177.9	177.9	178.1	183.1	188.3	193.3
25°	162.9	162.4	162.0	161.5	162.9	164.3	165.5	167.0	171.5	176.0	180.3
27.5°	153.4	153.7	153.9	154.1	156.0	158.2	160.1	162.0	165.1	168.1	171.2
30°	148.2	149.6	150.8	152.0	152.7	153.4	154.1	154.8	157.9	160.8	163.9
32.5°	156.0	154.1	152.0	150.1	151.0	152.2	153.2	154.1	157.0	159.8	162.7
35°	148.7	147.7	147.0	146.1	147.2	148.4	149.4	150.6	153.2	155.6	158.2
37.5°	144.9	144.6	144.4	144.2	144.9	145.6	146.1	146.8	149.1	151.5	153.7
40°	144.6	143.4	142.5	141.3	142.0	142.7	143.2	143.9	146.8	149.6	152.5
42.5°	143.2	141.8	140.1	138.7	139.4	140.4	141.1	141.8	144.9	147.7	150.8
45°	143.0	140.8	138.5	136.3	137.3	138.2	139.2	140.1	142.5	144.9	147.0
47.5°	140.4	138.2	136.1	133.9	134.4	134.9	135.1	135.6	137.7	139.6	141.8
50°	138.2	136.6	135.1	133.5	132.8	132.3	131.6	130.9	132.5	134.2	135.8
52.5°	135.6	133.9	132.0	130.4	129.4	128.5	127.5	126.6	128.0	129.2	130.6
55°	133.9	131.8	129.9	127.8	126.6	125.4	124.2	123.0	124.0	124.7	125.6
57.5°	130.4	128.5	126.3	124.4	123.0	121.6	119.9	118.5	119.0	119.5	119.9
60°	125.6	123.5	121.6	119.5	117.8	116.1	114.2	112.6	112.8	113.3	113.5
62.5°	118.7	116.8	114.7	112.8	110.9	109.2	107.3	105.4	105.9	106.2	106.6
65°	111.1	109.0	107.1	105.0	103.3	101.6	99.7	98.1	98.6	99.0	99.3
67.5°	101.9	100.2	98.8	97.1	95.7	94.0	92.6	91.0	91.2	91.4	91.7
70°	91.9	90.5	89.3	87.9	86.7	85.5	84.3	83.1	83.1	83.4	83.4
72.5°	81.2	80.0	78.8	77.7	76.5	75.5	74.3	73.1	73.6	74.1	74.3
75°	70.3	69.3	68.2	67.0	66.0	65.1	63.9	62.9	63.4	63.9	64.1
77.5°	58.9	58.2	57.2	56.5	55.6	54.6	53.4	52.5	53.0	53.4	53.7
80°	47.0	46.5	45.8	45.4	44.4	43.5	42.5	41.6	41.8	41.8	42.0
82.5°	34.0	34.2	34.2	34.4	33.7	32.8	32.1	31.1	31.1	31.1	30.9
85°	19.0	19.9	20.7	21.4	20.7	19.9	19.2	18.5	18.3	18.3	18.0
87.5°	0.7	1.2	1.9	2.4	2.1	1.9	1.4	1.2	1.4	1.7	1.7
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: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898
 CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	496.1	500.2	504.2	508.2	512.3	518.5	524.6	531.0	537.5	533.9	530.1
5°	519.4	521.8	524.4	526.8	529.1	536.0	542.7	551.0	559.1	558.1	556.9
7.5°	421.6	424.9	428.2	431.3	434.6	445.1	455.5	464.3	473.1	471.9	470.5
10°	329.2	336.1	343.2	350.1	357.0	365.5	373.8	381.2	388.5	400.9	413.0
12.5°	295.7	306.4	317.1	327.7	338.4	344.6	350.5	360.0	369.5	376.2	383.1
15°	268.4	278.3	288.3	298.3	308.3	308.7	309.2	319.2	329.2	334.9	340.3
17.5°	243.4	248.9	254.4	259.6	265.0	263.1	261.2	266.0	270.5	272.9	275.5
20°	214.9	218.7	222.5	226.3	230.1	232.7	235.1	238.0	240.6	238.2	235.6
22.5°	198.3	204.0	209.9	215.6	221.3	223.0	224.4	222.8	221.1	220.4	219.7
25°	184.8	191.7	198.8	205.7	212.6	215.9	219.2	220.6	221.8	219.2	216.6
27.5°	174.3	182.6	190.7	199.0	207.1	213.0	219.0	220.6	222.1	220.2	218.0
30°	166.7	175.7	184.8	193.8	202.8	211.8	220.6	228.5	236.1	235.4	234.6
32.5°	165.5	171.7	177.9	184.1	190.2	195.9	201.4	201.9	202.1	200.2	198.1
35°	160.5	164.6	168.6	172.7	176.7	180.3	183.6	183.1	182.6	180.7	178.8
37.5°	156.0	160.1	164.3	168.4	172.4	178.6	184.5	183.3	181.9	180.0	178.1
40°	155.3	159.8	164.3	168.6	173.1	178.8	184.5	183.3	182.2	179.8	177.4
42.5°	153.7	158.2	162.4	167.0	171.2	178.1	184.8	182.6	180.3	178.4	176.5
45°	149.4	153.4	157.5	161.5	165.5	172.9	180.3	177.6	175.0	174.3	173.4
47.5°	143.7	147.7	151.8	155.8	159.8	167.2	174.3	172.2	169.8	169.6	169.1
50°	137.5	141.3	145.3	149.1	152.9	160.3	167.4	165.5	163.6	163.9	163.9
52.5°	131.8	135.4	138.7	142.3	145.6	152.9	160.1	158.6	157.0	157.5	157.7
55°	126.3	129.2	132.0	134.9	137.7	144.9	152.0	149.9	147.7	148.4	149.1
57.5°	120.4	122.8	125.2	127.3	129.7	136.8	143.7	141.3	138.7	139.9	140.8
60°	113.8	115.9	118.0	119.9	122.1	128.5	134.7	132.5	130.1	131.8	133.2
62.5°	106.9	108.5	110.2	111.9	113.5	119.5	125.4	123.7	122.1	124.0	125.6
65°	99.7	100.9	102.4	103.5	104.7	110.4	115.9	114.7	113.5	115.2	116.8
67.5°	91.9	92.9	94.0	95.0	95.9	101.2	106.4	105.2	103.8	105.2	106.4
70°	83.4	84.3	85.0	86.0	86.7	91.4	96.2	94.5	92.6	94.0	95.2
72.5°	74.8	75.3	76.0	76.5	76.9	80.5	84.1	82.6	81.2	82.6	83.8
75°	64.6	65.1	65.5	66.0	66.5	69.6	72.4	70.8	68.9	70.3	71.7
77.5°	54.1	54.4	54.9	55.1	55.3	57.5	59.4	57.7	55.8	57.5	59.1
80°	42.0	42.3	42.5	42.5	42.7	43.5	44.2	43.0	41.6	43.7	45.8
82.5°	30.9	30.6	30.6	30.4	30.2	30.2	29.9	29.2	28.3	30.2	32.1
85°	17.8	17.6	17.1	16.9	16.4	15.7	15.0	14.7	14.5	16.1	17.8
87.5°	1.9	1.7	1.2	0.9	0.5	0.2	0.0	0.0	0.0	0.9	2.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898

CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	526.5	522.7	519.2	515.6	512.0	508.5	515.1	521.8	528.4	535.1	541.0
5°	556.0	554.8	551.7	548.9	545.8	542.7	544.3	546.2	547.9	549.6	553.1
7.5°	469.3	467.9	474.5	480.9	487.6	494.0	495.7	497.1	498.7	500.2	499.2
10°	425.4	437.5	440.6	443.4	446.5	449.3	454.1	458.8	463.4	468.1	470.7
12.5°	389.7	396.4	407.3	418.5	429.4	440.3	447.4	454.6	461.7	468.8	483.5
15°	346.0	351.5	359.8	368.1	376.4	384.7	395.0	405.4	415.6	425.8	442.0
17.5°	277.9	280.2	286.4	292.6	298.5	304.7	318.5	332.0	345.8	359.3	377.9
20°	233.2	230.6	230.6	230.8	230.8	230.8	244.6	258.2	271.9	285.5	309.9
22.5°	218.7	218.0	215.4	212.6	209.9	207.1	214.2	221.6	228.7	235.8	255.8
25°	213.7	211.1	207.8	204.5	201.2	197.8	202.3	206.9	211.4	215.9	231.6
27.5°	216.1	214.0	215.6	217.1	218.7	220.2	221.6	223.0	224.4	225.9	231.3
30°	233.9	233.2	235.8	238.2	240.8	243.2	239.9	236.8	233.5	230.1	232.0
32.5°	196.2	194.0	193.1	192.1	191.2	190.2	190.0	189.8	189.3	189.0	193.3
35°	176.9	175.0	173.6	172.2	170.5	169.1	169.8	170.3	171.0	171.5	176.2
37.5°	176.2	174.3	172.7	171.0	169.1	167.4	168.1	169.1	169.8	170.5	174.1
40°	175.0	172.7	171.7	170.8	169.8	168.9	169.3	169.8	170.0	170.5	173.1
42.5°	174.3	172.4	171.9	171.5	171.0	170.5	171.0	171.5	171.7	172.2	175.3
45°	172.7	171.7	172.2	172.7	173.1	173.6	173.6	173.6	173.6	173.6	176.9
47.5°	168.9	168.4	169.8	171.2	172.7	174.1	176.5	178.8	181.0	183.3	184.1
50°	164.1	164.1	166.5	168.9	171.0	173.4	179.1	184.5	190.2	195.7	192.1
52.5°	158.2	158.4	162.0	165.3	168.9	172.2	177.4	182.6	187.6	192.8	187.6
55°	149.6	150.3	154.8	159.1	163.6	167.9	171.9	176.0	180.0	184.1	178.6
57.5°	142.0	143.0	147.7	152.2	157.0	161.5	163.9	166.5	168.9	171.2	167.7
60°	134.9	136.3	142.5	148.7	154.6	160.8	158.9	157.0	154.8	152.9	152.7
62.5°	127.5	129.2	134.9	140.6	146.1	151.8	148.9	146.1	143.0	140.1	141.3
65°	118.3	119.9	122.5	125.2	127.5	130.1	129.9	129.9	129.7	129.4	131.8
67.5°	107.8	109.0	110.7	112.1	113.8	115.2	116.1	117.3	118.3	119.2	122.1
70°	96.7	97.8	99.5	100.9	102.6	104.0	105.2	106.4	107.3	108.5	111.4
72.5°	85.3	86.4	88.1	89.8	91.2	92.9	93.8	94.8	95.5	96.4	98.8
75°	73.1	74.6	76.2	77.7	79.3	80.7	81.5	82.2	82.9	83.6	85.7
77.5°	60.8	62.5	64.1	65.8	67.4	69.1	69.3	69.6	69.8	70.1	72.0
80°	47.7	49.9	51.5	53.2	54.9	56.5	56.5	56.5	56.5	56.5	57.5
82.5°	34.0	35.9	37.8	39.4	41.3	43.0	43.0	42.7	42.7	42.5	42.5
85°	19.5	21.1	22.3	23.7	24.9	26.1	26.1	26.1	25.9	25.9	25.4
87.5°	3.1	4.0	4.5	5.2	5.7	6.2	5.9	5.9	5.7	5.5	4.7
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: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898

CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	547.0	552.9	558.8	557.9	556.9	556.0	555.0	558.6	561.9	565.5	568.8
5°	556.5	560.0	563.3	566.0	568.6	571.2	573.8	585.9	597.8	609.9	621.8
7.5°	498.3	497.1	496.1	507.3	518.7	529.9	541.0	556.5	571.9	587.3	602.8
10°	473.3	475.9	478.6	483.1	487.8	492.3	496.8	512.0	527.2	542.4	557.6
12.5°	498.0	512.8	527.2	530.8	534.6	538.2	541.7	544.8	547.9	550.8	553.8
15°	458.1	474.3	490.4	499.7	509.0	518.0	527.2	550.5	573.6	596.8	619.9
17.5°	396.1	414.7	433.0	455.8	478.6	501.4	524.2	545.5	566.9	588.0	609.4
20°	334.4	358.6	383.1	408.0	432.7	457.7	482.4	503.3	524.2	544.8	565.7
22.5°	275.5	295.4	315.2	345.6	375.7	406.1	436.3	475.2	513.9	552.9	591.6
25°	247.0	262.7	278.1	309.5	340.8	371.9	403.3	453.9	504.2	554.8	605.1
27.5°	237.0	242.5	247.9	276.4	304.7	333.2	361.5	416.1	470.7	525.1	579.7
30°	233.9	235.8	237.7	260.1	282.4	304.7	327.0	380.9	435.1	489.0	542.9
32.5°	197.4	201.6	205.7	227.5	249.1	271.0	292.6	347.0	401.1	455.5	509.7
35°	181.0	185.7	190.5	211.8	233.2	254.4	275.7	333.0	390.4	447.7	504.9
37.5°	177.6	181.2	184.8	209.0	233.2	257.4	281.7	339.6	397.6	455.5	513.5
40°	176.0	178.6	181.2	204.7	228.5	252.0	275.5	336.3	396.9	457.7	518.2
42.5°	178.1	181.2	184.1	205.4	226.6	247.9	269.1	332.0	394.7	457.7	520.4
45°	180.0	183.3	186.4	206.4	226.3	246.3	266.2	333.4	400.4	467.6	534.6
47.5°	184.5	185.2	185.7	203.1	220.2	237.5	254.6	323.0	391.4	459.6	528.0
50°	188.3	184.8	181.0	199.0	216.8	234.9	252.7	317.5	382.4	447.0	511.8
52.5°	182.4	176.9	171.7	191.2	210.7	229.9	249.4	314.2	379.3	444.1	509.0
55°	173.4	167.9	162.4	182.2	201.9	221.6	241.3	305.9	370.7	435.3	499.9
57.5°	164.3	160.8	157.2	173.4	189.8	205.9	222.1	292.1	361.9	432.0	501.8
60°	152.5	152.0	151.8	164.3	177.2	189.8	202.3	271.0	339.4	408.0	476.4
62.5°	142.3	143.4	144.4	154.6	164.8	174.8	185.0	251.3	317.8	384.0	450.3
65°	134.4	136.8	139.2	150.8	162.4	173.8	185.5	241.1	296.6	352.2	407.8
67.5°	124.9	127.8	130.6	145.8	161.0	176.2	191.4	237.3	283.1	328.9	374.8
70°	114.0	116.8	119.5	138.9	158.2	177.6	196.9	237.5	278.3	319.0	359.6
72.5°	101.2	103.5	105.9	126.8	147.7	168.6	189.5	224.0	258.4	292.6	327.0
75°	88.1	90.2	92.4	110.4	128.5	146.5	164.6	191.2	217.5	244.1	270.5
77.5°	73.6	75.5	77.2	89.3	101.4	113.5	125.6	146.1	166.2	186.7	206.9
80°	58.4	59.4	60.3	67.4	74.3	81.5	88.3	101.9	115.4	128.7	142.3
82.5°	42.7	42.7	42.7	47.3	52.0	56.5	61.0	67.9	74.6	81.5	88.1
85°	24.9	24.2	23.7	26.8	29.9	33.0	36.1	38.9	41.8	44.6	47.5
87.5°	4.0	3.1	2.4	4.3	6.2	8.1	10.0	10.9	12.1	13.1	14.0
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: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898

CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	560.7	552.9	544.8	536.7	548.6	560.5	572.4	584.2	615.8	634.6	635.8
5°	631.7	641.7	651.7	661.7	671.6	681.6	691.4	701.3	752.6	784.2	790.2
7.5°	619.2	635.8	652.2	668.6	696.8	725.1	753.3	781.6	825.1	856.4	877.1
10°	578.1	598.5	618.9	639.3	672.8	706.6	740.0	773.5	819.6	860.9	880.6
12.5°	586.4	618.9	651.2	683.8	712.7	741.9	770.9	799.9	831.7	847.4	883.3
15°	642.4	665.0	687.6	710.1	753.8	797.3	841.0	884.4	902.5	938.4	970.7
17.5°	651.0	692.3	733.9	775.2	828.6	882.1	935.5	988.9	1022.4	1068.7	1107.7
20°	624.4	682.8	741.5	799.9	868.8	937.9	1006.8	1075.6	1118.1	1157.1	1217.4
22.5°	656.2	720.8	785.2	849.8	941.2	1032.4	1123.8	1215.0	1303.9	1390.8	1431.6
25°	691.4	777.8	864.0	950.2	1064.5	1178.5	1292.7	1406.7	1520.9	1602.4	1649.4
27.5°	666.7	753.3	840.3	927.0	1068.3	1209.8	1351.1	1492.4	1614.8	1712.8	1753.2
30°	649.3	755.7	862.1	968.5	1134.3	1300.1	1465.8	1631.6	1744.7	1854.1	1913.5
32.5°	646.2	782.8	919.1	1055.7	1248.8	1441.6	1634.7	1827.5	1902.6	1999.7	2079.8
35°	654.8	804.9	954.7	1104.6	1326.0	1547.3	1768.4	1989.8	2096.4	2192.6	2262.6
37.5°	680.9	848.3	1015.5	1183.0	1449.7	1716.6	1983.3	2250.1	2428.9	2604.9	2636.2
40°	695.6	873.3	1050.7	1228.1	1538.3	1848.4	2158.6	2468.8	2674.5	2867.6	2880.6
42.5°	713.0	905.6	1098.0	1290.6	1634.5	1978.6	2322.5	2666.4	2921.0	3128.6	3134.7
45°	732.9	931.0	1129.3	1327.4	1686.5	2045.3	2404.4	2763.3	3071.1	3323.3	3261.8
47.5°	740.8	953.8	1166.6	1379.4	1762.2	2144.8	2527.7	2910.3	3186.5	3415.9	3357.0
50°	743.8	976.1	1208.2	1440.2	1836.8	2233.7	2630.3	3026.9	3307.9	3531.6	3441.4
52.5°	763.1	1017.2	1271.3	1525.5	1938.7	2351.9	2765.2	3178.4	3454.9	3669.8	3557.7
55°	789.0	1078.0	1366.8	1655.8	2083.6	2511.1	2938.8	3366.3	3643.7	3843.7	3704.7
57.5°	813.0	1124.3	1435.4	1746.6	2189.7	2633.1	3076.3	3519.5	3800.4	3998.3	3863.6
60°	801.3	1126.2	1451.1	1776.0	2211.6	2646.9	3082.5	3517.8	3836.8	4074.0	4005.2
62.5°	766.2	1082.0	1397.7	1713.6	2127.0	2540.3	2953.8	3367.0	3740.4	4044.6	4041.5
65°	698.5	989.2	1279.6	1570.3	1952.9	2335.8	2718.4	3101.0	3541.1	3910.6	3934.6
67.5°	616.1	857.4	1098.7	1340.0	1700.3	2060.5	2420.8	2781.1	3251.6	3659.4	3680.0
70°	536.3	713.2	889.9	1066.6	1383.0	1699.3	2015.4	2331.8	2807.0	3219.5	3238.5
72.5°	442.7	558.4	673.8	789.4	1045.7	1302.0	1558.0	1814.3	2231.5	2548.8	2655.9
75°	339.1	407.8	476.4	545.1	752.4	959.7	1166.8	1374.2	1651.6	1885.7	2006.4
77.5°	242.5	278.1	313.7	349.4	525.6	701.8	877.8	1054.0	1199.8	1332.6	1414.1
80°	159.1	175.7	192.6	209.2	355.8	502.3	648.6	795.1	884.0	955.2	996.3
82.5°	96.4	104.7	112.8	121.1	239.9	358.6	477.1	595.9	646.7	680.7	717.2
85°	52.0	56.5	61.0	65.5	141.8	217.8	294.0	370.0	375.0	379.0	433.4
87.5°	15.2	16.6	17.8	19.0	31.3	43.9	56.3	68.6	42.7	26.6	54.6
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: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898

CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	628.9	625.8	622.7	619.4	616.3	603.2	590.4	577.4	564.3	576.9	589.2
5°	783.3	792.8	802.0	811.5	821.0	821.7	822.2	822.9	823.4	825.8	828.2
7.5°	894.4	911.3	927.9	944.8	961.6	974.7	987.8	1001.1	1014.1	1002.2	990.4
10°	903.9	939.5	975.2	1010.8	1046.4	1052.8	1059.0	1065.4	1071.8	1080.4	1088.7
12.5°	913.4	956.9	1000.1	1043.6	1087.0	1106.0	1124.8	1143.8	1162.6	1171.8	1180.8
15°	1013.9	1039.5	1064.9	1090.6	1116.0	1129.1	1141.9	1155.0	1168.0	1175.9	1183.5
17.5°	1143.1	1152.6	1161.8	1171.3	1180.8	1189.6	1198.4	1207.2	1216.0	1217.4	1218.8
20°	1260.9	1262.8	1264.4	1266.3	1268.0	1249.5	1231.2	1212.7	1194.1	1197.5	1200.6
22.5°	1437.6	1427.1	1416.9	1406.5	1396.3	1361.3	1326.7	1291.8	1257.1	1242.1	1227.4
25°	1703.6	1677.0	1650.4	1623.8	1597.2	1541.6	1486.3	1430.7	1375.4	1342.8	1310.5
27.5°	1789.3	1731.4	1673.7	1615.7	1557.8	1515.7	1473.9	1431.9	1390.1	1338.5	1287.0
30°	1962.7	1871.2	1780.1	1688.6	1597.2	1556.6	1516.0	1475.1	1434.5	1381.8	1329.3
32.5°	2116.3	2021.3	1926.3	1831.1	1736.1	1659.2	1582.2	1505.3	1428.3	1392.7	1357.1
35°	2294.2	2174.8	2055.3	1935.8	1816.4	1750.4	1684.6	1618.6	1552.8	1498.9	1445.2
37.5°	2553.3	2426.3	2299.2	2171.9	2044.9	1955.6	1866.5	1777.2	1688.1	1658.5	1629.0
40°	2800.3	2650.2	2500.4	2350.3	2200.4	2132.0	2063.6	1995.0	1926.6	1876.5	1826.4
42.5°	3007.2	2858.8	2710.6	2562.1	2413.9	2364.1	2314.4	2264.5	2214.9	2173.6	2132.3
45°	3078.2	2957.1	2836.2	2715.1	2594.0	2576.4	2559.0	2541.5	2524.1	2493.5	2462.9
47.5°	3192.5	3069.0	2945.7	2822.2	2698.7	2705.1	2711.5	2718.2	2724.6	2726.2	2727.7
50°	3259.7	3142.3	3025.3	2907.9	2790.8	2822.0	2852.8	2883.9	2915.1	2985.6	3055.9
52.5°	3357.8	3242.6	3127.6	3012.4	2897.2	2950.0	3002.5	3055.2	3107.7	3206.5	3305.3
55°	3480.8	3370.6	3260.6	3150.4	3040.5	3091.8	3142.8	3194.1	3245.2	3355.1	3465.1
57.5°	3643.9	3525.9	3408.1	3290.1	3172.3	3219.5	3266.6	3313.8	3360.8	3465.3	3569.8
60°	3829.7	3701.4	3573.2	3444.7	3316.4	3329.5	3342.3	3355.4	3368.2	3481.5	3594.5
62.5°	3920.9	3802.1	3683.6	3564.9	3446.1	3409.8	3373.4	3336.9	3300.5	3401.9	3503.1
65°	3841.8	3760.1	3678.6	3596.9	3515.2	3451.1	3387.2	3323.1	3259.0	3322.4	3385.5
67.5°	3590.0	3543.7	3497.6	3451.3	3405.0	3297.4	3189.8	3082.0	2974.4	2978.7	2982.7
70°	3182.0	3169.7	3157.5	3145.2	3132.8	2971.1	2809.6	2647.9	2486.1	2461.4	2436.7
72.5°	2665.0	2673.0	2680.9	2689.0	2697.0	2523.2	2349.3	2175.5	2001.6	1960.5	1919.5
75°	2064.1	2108.7	2153.4	2198.3	2242.9	2076.7	1910.4	1744.0	1577.7	1527.1	1476.5
77.5°	1458.5	1541.8	1625.0	1708.3	1791.7	1641.4	1491.3	1340.9	1190.6	1157.8	1125.0
80°	1017.0	1057.8	1098.7	1139.5	1180.4	1104.8	1029.3	953.8	878.3	887.3	896.1
82.5°	740.8	750.3	759.5	769.0	778.5	747.6	716.8	685.7	654.8	678.3	701.8
85°	474.5	508.5	542.2	576.2	609.9	575.7	541.5	507.1	472.9	488.5	504.2
87.5°	106.2	167.9	229.7	291.6	353.4	320.1	287.1	253.9	220.6	205.7	190.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898

CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	601.8	614.4	610.6	607.0	603.2	599.4	606.3	613.2	620.3	627.2	624.9
5°	830.8	833.1	810.6	788.3	765.7	743.1	757.1	771.2	785.2	799.2	794.2
7.5°	978.5	966.6	953.6	940.5	927.2	914.1	911.3	908.4	905.3	902.5	898.7
10°	1097.2	1105.6	1097.0	1088.7	1080.1	1071.6	1051.6	1031.7	1011.5	991.6	983.2
12.5°	1190.1	1199.4	1201.5	1203.4	1205.5	1207.7	1185.4	1163.3	1140.9	1118.6	1098.4
15°	1191.3	1199.1	1206.0	1212.7	1219.6	1226.2	1212.4	1198.9	1185.1	1171.3	1164.9
17.5°	1220.5	1221.9	1216.2	1210.8	1205.1	1199.6	1194.1	1188.9	1183.5	1178.2	1168.0
20°	1203.9	1207.2	1206.5	1205.8	1204.8	1204.1	1204.6	1204.8	1205.3	1205.5	1199.8
22.5°	1212.4	1197.5	1200.6	1203.4	1206.5	1209.3	1217.9	1226.4	1235.2	1243.8	1266.6
25°	1278.0	1245.4	1240.5	1235.7	1230.7	1226.0	1248.3	1270.4	1292.7	1315.0	1352.1
27.5°	1235.2	1183.7	1172.3	1160.9	1149.5	1138.1	1172.1	1205.8	1239.7	1273.7	1311.5
30°	1276.6	1224.1	1198.9	1173.7	1148.3	1123.1	1155.7	1188.0	1220.5	1252.8	1294.6
32.5°	1321.4	1285.8	1269.0	1252.3	1235.5	1218.8	1221.5	1224.1	1226.7	1229.3	1288.2
35°	1391.3	1337.4	1320.7	1304.1	1287.5	1270.9	1298.6	1326.2	1354.0	1381.5	1431.4
37.5°	1599.3	1569.6	1539.7	1509.8	1479.6	1449.7	1466.1	1482.5	1498.9	1515.2	1562.3
40°	1776.3	1726.1	1721.2	1716.4	1711.4	1706.4	1707.9	1709.0	1710.5	1711.9	1752.0
42.5°	2090.7	2049.4	2024.0	1998.5	1973.1	1947.7	1946.1	1944.4	1942.5	1940.8	1971.0
45°	2432.0	2401.3	2382.3	2363.3	2344.1	2325.1	2294.9	2264.8	2234.4	2204.2	2230.6
47.5°	2729.3	2731.0	2765.4	2799.6	2834.1	2868.5	2817.0	2765.4	2713.9	2662.4	2628.4
50°	3126.4	3196.7	3205.0	3213.1	3221.4	3229.7	3142.3	3055.2	2967.8	2880.4	2844.8
52.5°	3404.3	3503.1	3490.3	3477.7	3464.9	3452.0	3401.5	3351.1	3300.5	3249.9	3172.3
55°	3575.3	3685.3	3675.5	3666.0	3656.3	3646.5	3609.7	3572.9	3536.1	3499.3	3414.0
57.5°	3674.3	3778.8	3781.7	3784.5	3787.4	3790.2	3780.5	3770.8	3761.0	3751.3	3640.4
60°	3707.8	3821.1	3822.3	3823.2	3824.4	3825.4	3809.9	3794.5	3778.8	3763.4	3691.0
62.5°	3604.5	3705.7	3710.2	3714.5	3719.0	3723.5	3712.8	3702.1	3691.4	3680.7	3627.1
65°	3449.0	3512.4	3513.6	3514.5	3515.7	3516.9	3489.8	3463.0	3435.9	3408.8	3396.0
67.5°	2987.0	2991.3	3016.5	3041.6	3066.8	3092.0	3094.1	3096.3	3098.6	3100.8	3082.3
70°	2412.0	2387.3	2414.6	2442.0	2469.3	2496.6	2508.2	2519.9	2531.7	2543.4	2551.9
72.5°	1878.1	1837.0	1857.2	1877.4	1897.8	1918.0	1900.7	1883.4	1866.0	1848.7	1903.5
75°	1425.9	1375.4	1372.7	1370.4	1367.8	1365.4	1356.6	1347.8	1338.8	1330.0	1381.3
77.5°	1092.0	1059.2	1060.9	1062.3	1064.0	1065.4	1056.4	1047.6	1038.6	1029.6	1049.3
80°	905.1	913.9	914.1	914.4	914.6	914.8	906.3	898.0	889.4	880.9	866.6
82.5°	725.6	749.1	748.8	748.8	748.6	748.4	747.9	747.4	746.7	746.2	722.9
85°	519.9	535.6	519.4	503.3	487.1	471.0	482.8	494.7	506.8	518.7	509.0
87.5°	176.0	161.3	142.0	123.0	103.8	84.5	105.2	125.9	146.8	167.4	179.3
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: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898

CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1	516.1
2.5°	622.7	620.3	618.2	603.2	588.0	573.1	557.9	585.4	613.2	640.8	668.3
5°	789.4	784.5	779.7	778.5	777.3	775.9	774.7	788.7	802.7	816.5	830.5
7.5°	894.9	891.1	887.3	877.3	867.6	857.6	847.6	856.2	864.5	873.0	881.4
10°	975.2	966.9	958.5	936.9	915.6	893.9	872.3	865.9	859.5	853.1	846.7
12.5°	1078.2	1057.8	1037.6	1013.2	988.5	964.0	939.3	936.0	932.7	929.6	926.2
15°	1158.8	1152.3	1145.9	1126.5	1107.0	1087.5	1068.0	1041.9	1015.5	989.4	963.3
17.5°	1158.0	1147.8	1137.9	1164.0	1189.9	1216.0	1241.9	1214.1	1186.1	1158.3	1130.5
20°	1194.1	1188.2	1182.5	1230.7	1278.7	1326.9	1374.9	1359.7	1344.2	1329.0	1313.6
22.5°	1289.1	1311.9	1334.5	1375.8	1416.9	1458.2	1499.3	1516.7	1534.0	1551.3	1568.7
25°	1388.9	1425.9	1463.0	1524.5	1585.8	1647.3	1708.8	1721.2	1733.5	1745.9	1758.2
27.5°	1349.0	1386.8	1424.5	1471.1	1517.4	1563.9	1610.2	1664.4	1718.8	1772.9	1827.1
30°	1336.2	1378.0	1419.5	1483.4	1547.1	1611.0	1674.8	1749.4	1824.0	1898.3	1972.9
32.5°	1346.9	1405.8	1464.7	1551.1	1637.3	1723.8	1810.2	1888.6	1967.2	2045.6	2123.9
35°	1481.0	1530.9	1580.6	1677.2	1773.9	1870.5	1967.2	2059.1	2151.0	2242.7	2334.6
37.5°	1609.1	1656.1	1703.1	1801.9	1900.5	1999.3	2098.1	2243.2	2388.5	2533.6	2678.7
40°	1791.9	1832.1	1872.0	1956.5	2041.1	2125.6	2210.2	2385.2	2560.2	2735.3	2910.3
42.5°	2000.9	2031.1	2061.0	2148.6	2236.3	2323.9	2411.6	2602.0	2792.7	2983.2	3173.7
45°	2256.7	2283.1	2309.4	2369.8	2430.1	2490.6	2551.0	2747.4	2943.8	3140.2	3336.6
47.5°	2594.4	2560.5	2526.5	2556.2	2585.9	2615.6	2645.3	2839.5	3033.8	3227.8	3422.1
50°	2809.1	2773.5	2737.9	2740.5	2742.9	2745.5	2748.1	2929.3	3110.5	3291.5	3472.7
52.5°	3094.6	3016.7	2939.0	2938.3	2937.6	2936.7	2936.0	3093.9	3252.1	3410.0	3567.9
55°	3328.8	3243.5	3158.3	3141.6	3125.0	3108.1	3091.5	3247.8	3403.8	3560.1	3716.1
57.5°	3529.5	3418.3	3307.4	3281.3	3255.2	3229.0	3202.9	3371.3	3539.9	3708.3	3876.7
60°	3618.8	3546.3	3474.1	3442.1	3410.0	3377.9	3345.9	3489.3	3632.8	3776.0	3919.4
62.5°	3573.6	3520.0	3466.5	3473.9	3481.3	3488.6	3496.0	3577.9	3660.1	3742.0	3824.0
65°	3383.4	3370.6	3358.0	3417.4	3476.7	3536.1	3595.5	3596.7	3597.9	3599.1	3600.2
67.5°	3063.7	3045.2	3026.7	3150.2	3273.4	3396.9	3520.4	3461.8	3403.1	3344.7	3286.0
70°	2560.2	2568.8	2577.1	2745.2	2913.2	3081.3	3249.5	3164.4	3079.2	2994.1	2908.9
72.5°	1958.4	2013.5	2068.4	2242.7	2417.0	2591.3	2765.7	2668.5	2571.2	2474.0	2376.6
75°	1432.6	1483.9	1535.2	1707.4	1879.6	2052.0	2224.2	2108.7	1993.3	1878.1	1762.7
77.5°	1069.0	1088.9	1108.6	1251.9	1394.8	1538.0	1681.0	1565.1	1449.2	1333.6	1217.7
80°	852.6	838.4	824.4	903.7	983.0	1062.3	1141.7	1059.5	977.1	894.9	812.7
82.5°	699.9	676.6	653.6	683.0	712.5	742.2	771.6	705.8	640.1	574.3	508.5
85°	499.2	489.5	479.7	488.3	496.6	505.2	513.7	449.6	385.5	321.6	257.4
87.5°	190.9	202.8	214.7	228.2	241.5	255.1	268.4	210.2	152.0	94.0	35.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P366898
 CATALOG NUMBER: MSA-SA1C-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: P366898
CATALOG NUMBER: MSA-SA1C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	516.1	516.1
2.5°	679.7	691.1
5°	830.3	830.1
7.5°	877.6	873.5
10°	836.2	825.8
12.5°	895.4	864.3
15°	932.4	901.3
17.5°	1083.7	1036.7
20°	1257.8	1201.7
22.5°	1483.4	1398.2
25°	1656.3	1554.2
27.5°	1766.5	1705.7
30°	1903.3	1833.7
32.5°	2072.6	2021.1
35°	2287.6	2240.3
37.5°	2664.0	2649.1
40°	2892.5	2874.4
42.5°	3174.4	3174.9
45°	3347.3	3358.0
47.5°	3449.2	3476.0
50°	3530.4	3587.9
52.5°	3646.5	3725.2
55°	3820.6	3924.9
57.5°	3965.5	4054.3
60°	3965.5	4011.3
62.5°	3822.8	3821.3
65°	3578.2	3555.8
67.5°	3258.0	3230.0
70°	2865.2	2821.2
72.5°	2322.3	2267.6
75°	1687.9	1612.9
77.5°	1182.0	1146.2
80°	830.1	847.4
82.5°	533.2	557.9
85°	253.6	249.8
87.5°	29.9	24.0
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: P366898
CATALOG NUMBER: MSA-SA1C-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)