

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: P367294

Luminaire Tested: **MSA-SA2B-730-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367294
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-SA2B-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: 7771 lumens
Efficiency: N/A
Efficacy: 91.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

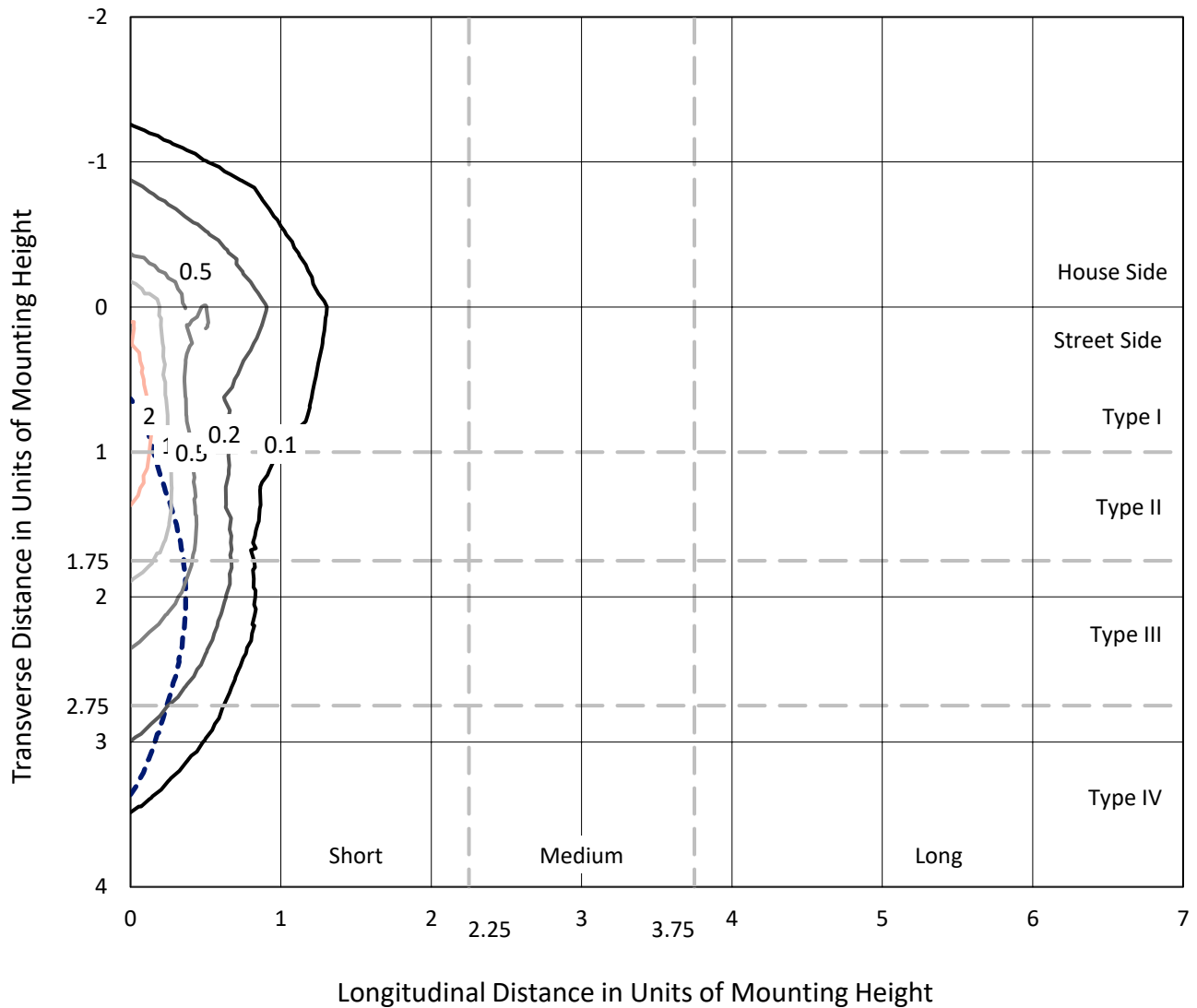
Input Watts (W): 85
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

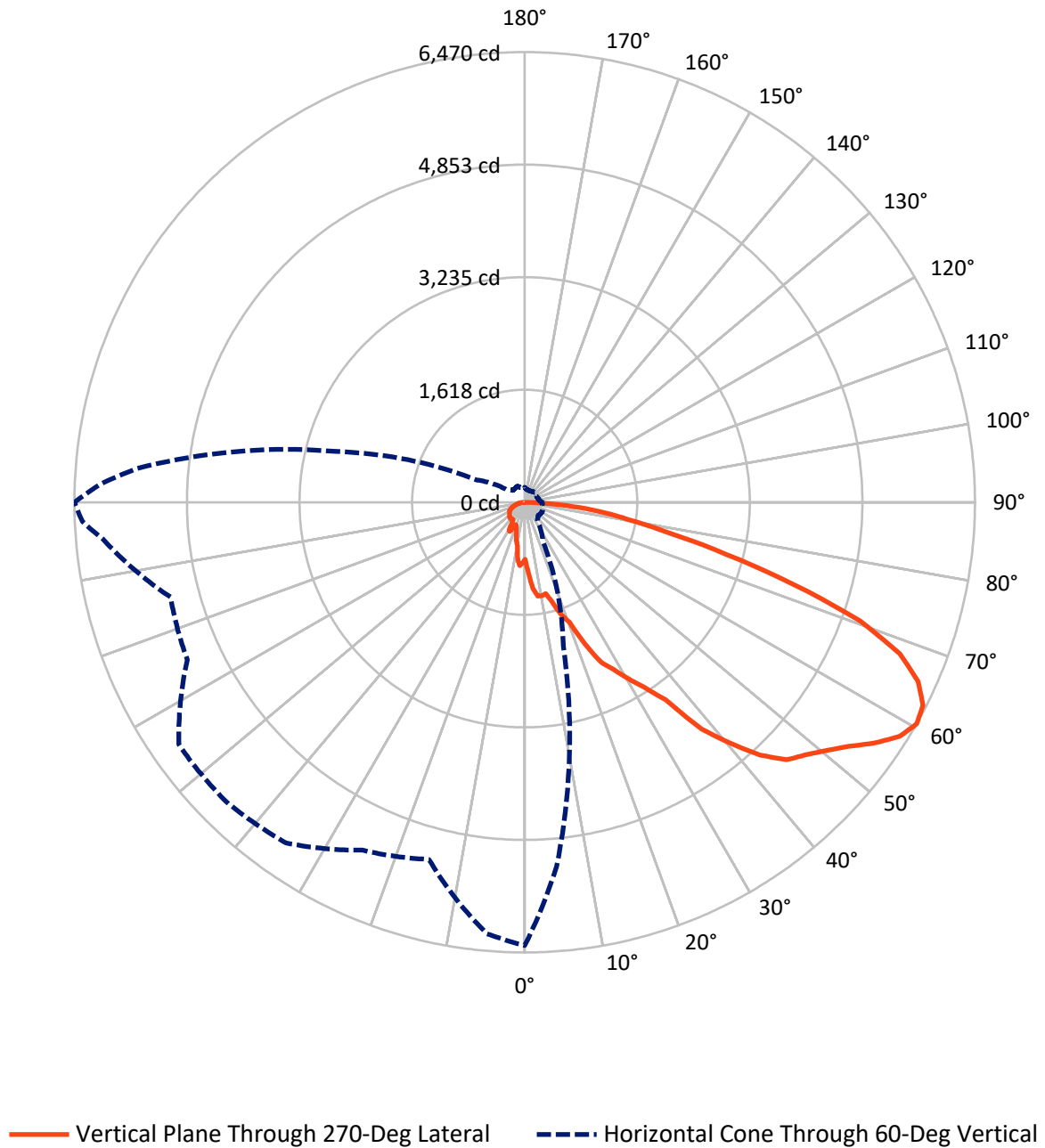
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.3 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	1505.1	0.0	1505.1
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	6265.9	0.0	6265.9
	% Fixture	80.6	0.0	80.6
Total	Lumens	7771.0	0.0	7771.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.0	1.2
10°-20°	273.0	3.5
20°-30°	482.0	6.2
30°-40°	750.7	9.7
40°-50°	1236.0	15.9
50°-60°	1764.1	22.7
60°-70°	1870.6	24.1
70°-80°	1033.2	13.3
80°-90°	267.3	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°	7771.0	100.0
0°-180°	7771.0	100.0

Coefficient of Utilization



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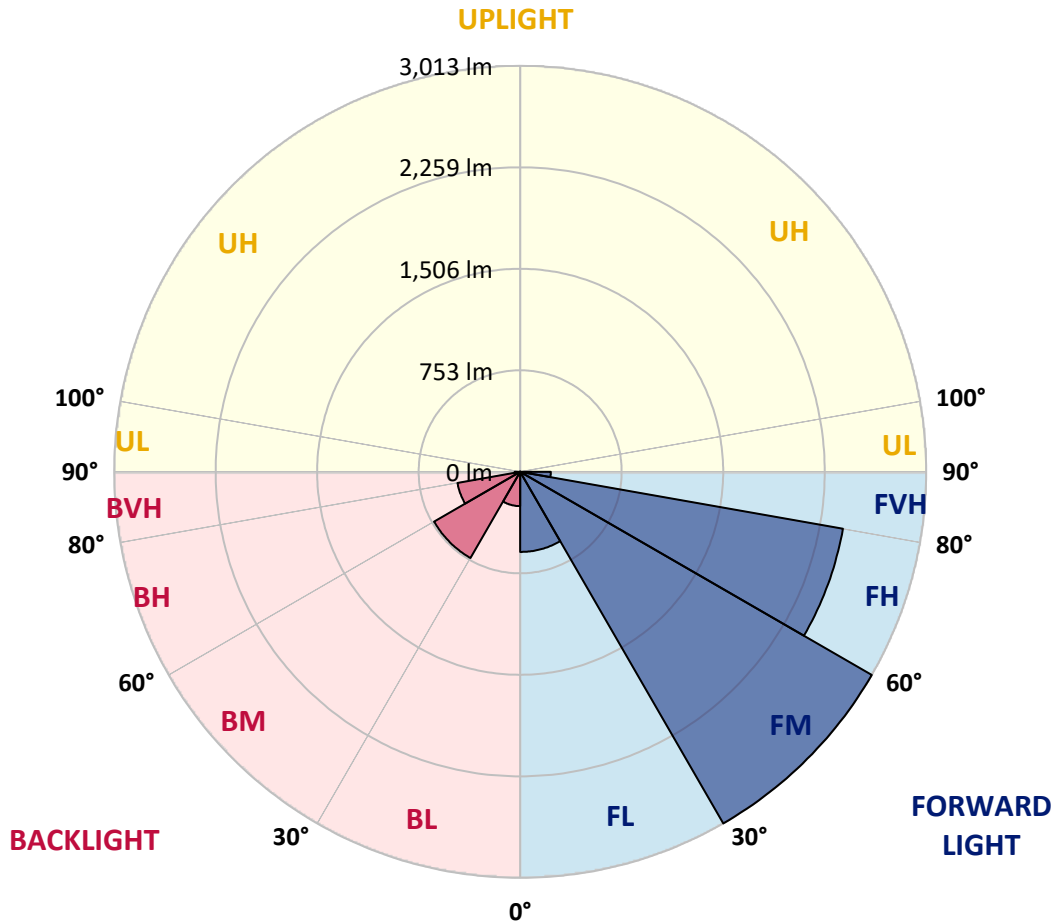
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	594.6	7.7			
FM (30°-60°)	3012.5	38.8			
FH (60°-80°)	2431.6	31.3			G2/5000
FVH (80°-90°)	227.2	2.9			G3/500
BL (0°-30°)	254.4	3.3	B1/500		
BM (30°-60°)	738.3	9.5	B1/1000		
BH (60°-80°)	472.2	6.1	B1/500		G1/500
BVH (80°-90°)	40.1	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-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°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	1097.6	1104.4	1110.8	1098.0	1085.2	1072.0	1059.2	1039.9	1020.3	1001.1	981.5
5°	1318.3	1293.4	1268.1	1257.9	1248.1	1237.9	1227.8	1218.3	1208.9	1199.1	1189.7
7.5°	1387.3	1351.9	1316.0	1300.9	1285.8	1270.4	1255.3	1221.3	1187.4	1153.1	1119.1
10°	1311.5	1274.5	1237.2	1222.5	1207.4	1192.7	1177.6	1136.1	1095.0	1053.5	1012.0
12.5°	1372.6	1334.9	1296.8	1250.0	1203.2	1156.1	1109.3	1086.3	1063.3	1039.9	1016.9
15°	1431.4	1380.5	1329.2	1282.5	1235.7	1188.5	1141.8	1095.7	1049.7	1003.7	957.7
17.5°	1646.4	1561.6	1476.7	1392.2	1307.3	1222.9	1138.0	1084.8	1031.2	978.1	924.5
20°	1908.6	1790.5	1672.1	1543.8	1415.2	1287.0	1158.4	1091.2	1024.5	957.3	890.2
22.5°	2220.5	2071.5	1922.5	1760.7	1598.9	1436.7	1274.9	1177.6	1080.3	982.6	885.3
25°	2468.3	2325.0	2181.7	1976.5	1771.3	1566.1	1360.9	1250.4	1139.9	1029.0	918.5
27.5°	2709.0	2480.8	2252.2	2017.2	1782.6	1547.6	1312.6	1210.4	1108.2	1006.0	903.8
30°	2912.3	2731.2	2550.2	2243.5	1936.9	1629.8	1323.2	1197.6	1072.0	946.4	820.8
32.5°	3209.9	2951.5	2692.8	2372.9	2053.1	1733.2	1413.3	1252.7	1092.0	931.3	770.6
35°	3558.1	3289.5	3020.9	2625.3	2230.0	1834.3	1438.6	1268.5	1098.0	927.9	757.4
37.5°	4207.2	3733.8	3260.1	2828.2	2396.3	1964.0	1532.2	1334.5	1136.9	938.8	741.2
40°	4565.2	4127.6	3690.1	3151.8	2613.6	2074.9	1536.7	1334.5	1132.0	929.8	727.2
42.5°	5042.3	4489.0	3935.2	3353.2	2771.6	2189.6	1607.6	1383.5	1159.5	935.1	711.0
45°	5333.1	4716.4	4099.3	3477.3	2855.3	2233.4	1611.4	1383.9	1156.5	929.0	701.6
47.5°	5520.6	4928.4	4335.8	3666.3	2996.8	2326.9	1657.4	1416.0	1174.2	932.8	691.0
50°	5698.2	5111.7	4524.8	3829.6	3134.8	2439.7	1744.5	1480.9	1217.2	953.2	689.5
52.5°	5916.3	5376.1	4835.6	4089.9	3343.8	2598.1	1852.0	1565.0	1277.9	990.9	703.8
55°	6233.5	5701.3	5168.7	4368.3	3567.5	2767.1	1966.3	1647.6	1329.2	1010.5	691.8
57.5°	6439.0	5899.3	5359.5	4543.3	3727.0	2910.4	2094.2	1741.1	1388.1	1034.6	681.6
60°	6370.8	5814.0	5256.9	4478.8	3700.6	2922.5	2144.3	1763.0	1382.0	1000.7	619.3
62.5°	6069.0	5477.2	4885.4	4188.3	3491.7	2794.6	2097.6	1709.8	1322.4	934.7	546.9
65°	5647.3	5035.5	4423.3	3794.6	3165.8	2537.0	1908.2	1556.3	1204.0	852.1	499.8
67.5°	5129.8	4492.0	3853.8	3297.0	2740.3	2183.2	1626.5	1332.2	1038.4	744.2	450.0
70°	4480.7	3853.8	3226.9	2745.2	2263.5	1781.9	1300.2	1078.8	857.7	636.3	414.9
72.5°	3601.4	3060.5	2519.6	2140.6	1761.5	1382.4	1003.3	849.4	695.9	542.0	388.1
75°	2561.5	2243.5	1925.6	1630.6	1335.6	1040.3	745.3	645.8	546.2	446.6	347.0
77.5°	1820.3	1632.9	1445.4	1214.2	983.0	751.7	520.5	462.1	404.0	345.5	287.0
80°	1345.8	1189.3	1032.8	858.5	684.2	510.0	335.7	307.0	278.7	250.1	221.4
82.5°	886.0	815.5	744.6	606.5	468.5	330.4	192.4	181.8	171.2	160.7	150.1
85°	396.8	419.1	440.9	356.4	271.6	187.1	102.2	97.3	92.4	87.5	82.6
87.5°	38.1	56.2	74.3	63.7	52.8	42.2	31.3	30.9	30.9	30.6	30.2
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



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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°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	986.7	992.0	997.3	1002.6	996.9	991.3	985.2	979.6	972.4	965.2	957.7
5°	1173.8	1157.6	1141.8	1125.5	1101.4	1077.3	1052.7	1028.6	1025.6	1022.2	1019.2
7.5°	1089.3	1059.9	1030.1	1000.3	962.6	925.3	887.5	849.8	838.5	827.2	815.9
10°	992.0	971.6	951.7	931.3	907.9	884.5	860.8	837.4	806.4	775.1	744.2
12.5°	983.7	950.5	917.0	883.8	869.4	855.1	840.8	826.4	799.3	772.1	744.6
15°	930.9	903.8	877.0	849.8	829.1	808.3	787.6	766.8	745.0	722.7	700.8
17.5°	893.6	862.6	831.7	800.8	777.0	753.3	729.1	705.3	678.9	652.2	625.8
20°	854.7	819.6	784.2	748.7	718.6	688.8	658.6	628.4	599.4	570.7	541.6
22.5°	838.9	792.5	746.1	699.7	668.0	635.9	604.3	572.2	545.4	518.6	491.9
25°	863.0	807.9	752.5	697.1	654.4	611.4	568.8	525.8	503.6	481.3	458.7
27.5°	834.7	765.3	696.3	626.9	581.3	535.2	489.6	443.6	440.2	436.8	433.0
30°	748.0	675.2	602.4	529.6	487.7	445.5	403.6	361.3	353.4	345.1	337.2
32.5°	696.3	622.0	547.7	473.4	436.0	398.3	361.0	323.3	314.2	305.1	296.1
35°	676.7	596.0	515.2	434.5	402.5	370.4	338.3	306.3	299.9	293.8	287.4
37.5°	660.8	580.9	500.5	420.2	389.3	358.3	327.0	296.1	291.2	286.3	281.4
40°	645.8	564.7	483.2	401.7	374.2	347.0	319.5	291.9	288.9	285.9	282.5
42.5°	632.2	553.3	474.1	395.3	370.8	346.6	322.1	297.6	294.6	291.6	288.6
45°	624.6	547.7	470.7	393.8	376.1	358.3	340.2	322.5	315.3	308.2	300.6
47.5°	619.0	546.9	474.9	402.8	384.4	365.9	347.4	328.9	322.5	316.1	309.3
50°	620.1	551.1	481.7	412.3	390.0	367.4	345.1	322.5	321.7	321.0	320.2
52.5°	630.3	557.1	483.6	410.0	385.9	361.7	337.2	313.1	318.0	322.5	327.4
55°	615.6	539.4	462.8	386.6	363.6	341.0	318.0	295.0	301.4	307.4	313.8
57.5°	599.0	516.4	433.8	351.2	333.8	316.5	298.7	281.4	288.2	295.3	302.1
60°	543.9	468.5	393.0	317.6	305.9	294.2	282.5	270.8	273.8	276.9	279.9
62.5°	483.6	419.8	356.4	292.7	283.6	274.2	265.2	255.7	255.7	256.1	256.1
65°	445.1	390.4	335.7	281.0	270.8	260.6	250.1	239.9	238.4	236.9	235.4
67.5°	406.6	363.6	320.2	276.9	262.1	247.8	233.1	218.4	216.5	215.0	213.1
70°	376.4	338.0	299.5	261.0	244.4	228.2	211.6	195.0	193.5	192.4	190.9
72.5°	351.9	316.1	279.9	243.7	226.3	208.6	191.2	173.5	172.4	171.2	169.7
75°	315.0	283.3	251.2	219.1	202.2	185.6	168.6	151.6	150.1	149.0	147.5
77.5°	260.6	233.9	207.5	180.7	167.5	154.6	141.4	128.2	127.5	126.7	125.6
80°	200.7	179.9	158.8	138.1	129.4	120.3	111.6	102.6	102.2	101.8	101.1
82.5°	137.7	125.2	112.8	100.3	93.9	87.1	80.7	73.9	74.3	74.7	75.1
85°	78.5	73.9	69.8	65.3	60.0	55.1	49.8	44.5	45.6	46.8	47.5
87.5°	28.7	27.2	25.6	24.1	21.5	19.2	16.6	14.0	14.7	15.8	16.6
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



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 CATALOG NUMBER: MSA-SA2B-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: P367294

CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	950.5	939.2	927.9	916.6	905.3	881.9	858.9	835.5	812.1	826.4	841.1
5°	1015.8	996.5	976.9	957.7	938.1	927.1	916.2	905.3	894.3	900.0	906.0
7.5°	804.6	793.2	781.5	770.2	758.5	753.6	749.1	744.2	739.3	753.3	767.2
10°	712.9	697.1	681.2	665.0	649.1	639.7	630.3	620.9	611.4	615.2	619.0
12.5°	717.4	694.0	670.6	647.3	623.9	609.9	596.0	582.0	568.1	571.4	574.8
15°	678.6	654.4	630.3	606.1	582.0	565.8	549.2	533.0	516.4	510.7	504.7
17.5°	599.0	572.6	546.2	519.8	493.4	482.4	471.5	460.6	449.6	443.6	437.5
20°	512.6	488.1	463.6	439.1	414.5	407.0	399.4	391.5	384.0	380.2	376.1
22.5°	465.1	450.0	434.5	419.4	404.0	395.3	387.0	378.3	369.6	365.5	361.0
25°	436.4	439.4	442.8	445.8	448.9	445.1	440.9	437.2	433.0	434.5	435.7
27.5°	429.6	436.0	442.8	449.2	455.6	459.0	462.4	465.8	469.2	470.4	471.5
30°	328.9	332.3	335.3	338.7	341.7	351.2	360.6	369.6	379.1	393.8	408.9
32.5°	287.0	285.9	284.8	283.3	282.1	284.4	286.7	288.6	290.8	296.1	301.8
35°	281.0	278.4	275.4	272.7	269.7	270.8	272.0	273.1	274.2	278.4	282.5
37.5°	276.5	275.4	274.6	273.5	272.3	275.0	277.2	279.9	282.1	285.5	288.9
40°	279.5	279.1	278.7	278.0	277.6	279.1	280.6	282.1	283.6	288.2	292.7
42.5°	285.5	285.5	285.2	285.2	284.8	286.3	287.4	288.9	290.1	292.7	295.3
45°	293.5	292.7	292.3	291.6	290.8	290.4	290.4	290.1	289.7	291.2	293.1
47.5°	302.9	300.2	297.2	294.6	291.6	290.8	289.7	288.9	287.8	288.6	289.3
50°	319.5	312.3	305.5	298.4	291.2	289.3	287.4	285.5	283.6	283.3	283.3
52.5°	331.9	321.4	310.8	300.2	289.7	286.3	282.9	279.5	276.1	275.4	275.0
55°	319.9	311.9	304.4	296.5	288.6	283.6	278.4	273.5	268.2	267.1	265.9
57.5°	308.9	304.0	299.1	294.2	289.3	284.4	279.1	274.2	268.9	266.3	263.7
60°	282.9	282.9	283.3	283.3	283.3	278.0	272.7	267.4	262.1	259.5	257.2
62.5°	256.1	260.3	264.0	268.2	272.0	264.8	257.2	250.1	242.5	240.6	239.1
65°	233.9	235.0	236.5	237.6	238.8	233.1	227.4	221.8	216.1	215.0	213.5
67.5°	211.2	210.9	210.5	209.7	209.3	205.9	202.2	198.8	195.0	193.5	192.0
70°	189.4	189.0	188.6	187.8	187.5	184.4	181.4	178.4	175.4	174.3	173.1
72.5°	168.6	168.2	167.5	167.1	166.3	163.7	161.4	158.8	156.2	154.6	153.1
75°	146.0	145.2	144.5	143.7	143.0	140.7	138.4	135.8	133.5	132.0	130.5
77.5°	124.9	123.7	122.6	121.1	119.9	118.1	115.8	113.9	111.6	109.8	108.3
80°	100.7	100.0	99.2	98.1	97.3	95.4	93.5	91.3	89.4	87.1	85.2
82.5°	75.4	75.1	74.3	73.9	73.2	71.3	69.4	67.5	65.6	63.4	61.1
85°	48.7	48.3	47.9	47.5	47.1	45.6	44.5	43.0	41.5	39.2	37.3
87.5°	17.4	16.6	16.2	15.5	14.7	14.3	13.6	13.2	12.4	11.3	10.2
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: P367294
 CATALOG NUMBER: MSA-SA2B-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: P367294

CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	855.5	869.8	870.2	870.2	877.0	883.4	870.2	857.0	843.4	830.2	817.0
5°	911.7	917.3	915.8	913.9	905.6	897.3	888.7	880.0	871.3	862.6	863.0
7.5°	781.2	795.1	806.4	817.4	806.8	796.3	790.6	784.9	779.3	773.6	772.9
10°	622.4	626.1	630.7	634.8	628.4	621.6	632.9	644.2	655.2	666.5	654.1
12.5°	578.2	581.6	573.7	565.4	562.8	560.1	557.5	554.5	551.8	548.8	547.3
15°	499.0	493.0	487.0	480.5	479.0	477.1	475.3	473.0	471.1	468.8	462.1
17.5°	431.5	425.5	415.3	404.7	400.6	396.1	394.9	393.8	392.3	391.1	384.7
20°	372.3	368.1	365.5	362.5	358.3	354.2	350.0	345.9	341.4	337.2	331.2
22.5°	356.8	352.3	348.9	345.1	344.4	343.6	336.1	328.2	320.6	312.7	309.3
25°	437.2	438.3	417.6	396.4	394.5	392.7	379.1	365.1	351.5	337.6	325.9
27.5°	472.2	473.4	472.6	471.9	465.8	459.4	436.4	413.0	390.0	366.6	350.0
30°	423.6	438.3	444.0	449.6	445.5	440.9	416.8	393.0	368.9	344.8	333.8
32.5°	307.0	312.3	321.7	330.8	335.7	340.2	332.7	325.1	317.6	310.1	308.2
35°	286.3	290.4	292.3	294.2	291.2	288.2	282.5	276.9	270.8	265.2	264.0
37.5°	291.9	295.3	299.1	302.9	294.6	285.9	279.5	273.5	267.1	260.6	255.4
40°	297.2	301.8	304.0	306.3	298.0	289.7	281.8	274.2	266.3	258.4	253.1
42.5°	298.0	300.6	304.8	308.9	297.2	285.2	278.0	270.4	263.3	255.7	250.5
45°	294.6	296.1	299.9	303.6	290.1	276.1	269.7	262.9	256.5	249.7	245.2
47.5°	289.7	290.4	293.5	296.1	281.8	267.1	261.0	255.0	248.6	242.5	238.0
50°	282.9	282.5	284.8	286.7	272.0	257.2	251.2	245.6	239.5	233.5	229.7
52.5°	274.2	273.5	275.7	277.6	262.1	246.7	241.4	236.5	231.2	225.9	222.9
55°	264.4	263.3	265.2	267.1	252.0	236.5	232.0	227.1	222.5	217.6	215.0
57.5°	260.6	258.0	259.1	260.3	243.3	226.3	221.8	217.3	212.7	208.2	206.3
60°	254.6	252.0	253.1	253.9	235.7	217.3	213.1	208.6	204.4	199.9	198.0
62.5°	237.3	235.4	236.9	238.4	222.2	205.6	201.8	198.4	194.6	190.9	188.2
65°	212.4	210.9	213.9	216.9	202.9	189.0	186.7	184.4	181.8	179.5	176.9
67.5°	190.5	189.0	192.0	195.0	184.8	174.6	172.4	170.1	167.9	165.6	164.1
70°	172.0	170.9	173.5	176.1	167.5	158.8	156.5	154.6	152.4	150.1	149.0
72.5°	151.3	149.7	153.1	156.2	149.0	141.4	139.6	137.3	135.4	133.1	132.4
75°	129.0	127.5	130.5	133.1	128.2	123.0	121.1	119.2	117.3	115.4	115.0
77.5°	106.4	104.5	107.5	110.1	107.1	103.7	102.2	100.3	98.8	96.9	96.9
80°	83.0	80.7	83.0	84.9	83.7	82.6	81.5	80.0	78.8	77.3	77.7
82.5°	58.8	56.6	57.7	58.8	59.6	60.4	60.4	60.4	60.4	60.4	60.4
85°	35.1	32.8	33.2	33.6	34.7	35.8	36.2	36.6	37.0	37.3	37.7
87.5°	9.1	7.9	7.2	6.0	7.2	7.9	8.7	9.1	9.8	10.2	10.2
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: P367294
 CATALOG NUMBER: MSA-SA2B-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: P367294
 CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	803.8	790.2	777.0	785.3	793.2	801.5	809.5	809.8	809.8	810.2	810.2
5°	863.8	864.1	864.5	856.6	849.1	841.1	833.2	829.1	824.9	820.4	816.2
7.5°	771.7	771.0	769.8	762.3	754.8	747.2	739.7	721.6	703.1	685.0	666.5
10°	641.2	628.8	616.0	612.9	610.3	607.3	604.3	599.4	594.8	589.9	585.0
12.5°	545.8	544.3	542.8	534.9	526.9	518.6	510.7	510.7	510.7	510.7	510.7
15°	454.9	448.1	440.9	437.2	433.0	429.2	425.1	423.2	421.3	419.4	417.6
17.5°	377.9	371.5	364.7	364.0	363.2	362.5	361.7	359.8	358.0	356.1	354.2
20°	325.1	319.1	313.1	315.3	317.6	319.5	321.7	319.9	318.0	315.7	313.8
22.5°	305.5	302.1	298.4	296.5	294.6	292.3	290.4	290.4	290.8	290.8	290.8
25°	314.6	302.9	291.2	285.5	279.9	273.8	268.2	265.9	264.0	261.8	259.5
27.5°	333.4	316.5	299.9	290.1	280.3	270.4	260.6	256.5	252.0	247.8	243.3
30°	322.5	311.6	300.2	288.9	277.6	266.3	255.0	249.7	244.4	238.8	233.5
32.5°	306.3	304.0	302.1	291.6	281.0	270.1	259.5	257.2	255.4	253.1	250.8
35°	262.5	261.4	259.9	257.2	254.6	252.0	249.3	246.3	243.3	240.3	237.3
37.5°	250.5	245.2	239.9	238.8	237.6	236.5	235.4	234.2	233.1	231.6	230.5
40°	247.8	242.5	237.3	235.4	233.5	231.2	229.3	229.7	230.5	230.8	231.2
42.5°	244.8	239.5	233.9	232.4	230.8	229.3	227.8	228.2	229.0	229.3	229.7
45°	241.0	236.5	232.0	229.3	227.1	224.4	221.8	224.1	226.3	228.2	230.5
47.5°	233.5	228.6	224.1	222.5	221.0	219.1	217.6	219.9	222.2	224.1	226.3
50°	225.6	221.8	217.6	217.3	216.9	216.1	215.8	217.3	218.8	220.3	221.8
52.5°	219.5	216.5	213.1	213.1	212.7	212.7	212.4	213.9	215.4	216.5	218.0
55°	212.7	210.1	207.5	207.8	208.6	209.0	209.3	210.9	212.7	214.2	215.8
57.5°	204.1	202.2	199.9	201.4	202.6	204.1	205.2	206.3	207.8	209.0	210.1
60°	195.8	193.9	191.6	193.1	195.0	196.5	198.0	199.2	200.3	201.4	202.6
62.5°	185.6	182.6	179.9	182.2	184.1	186.3	188.2	189.0	190.1	190.9	191.6
65°	174.6	172.0	169.4	170.9	172.4	173.5	175.0	176.1	177.3	178.4	179.5
67.5°	162.2	160.7	158.8	159.9	161.1	162.2	163.3	163.7	163.7	164.1	164.1
70°	147.5	146.4	144.8	145.6	146.7	147.5	148.2	148.2	148.2	147.9	147.9
72.5°	132.0	131.3	130.5	130.9	131.6	132.0	132.4	132.0	131.6	131.3	130.9
75°	114.7	114.3	113.9	114.3	115.0	115.4	115.8	115.4	114.7	114.3	113.5
77.5°	97.3	97.3	97.3	97.3	97.7	97.7	97.7	96.9	96.2	95.4	94.7
80°	78.1	78.5	78.8	78.8	78.8	78.8	78.8	78.1	77.3	76.2	75.4
82.5°	60.4	60.4	60.4	60.4	60.7	60.7	60.7	58.8	57.3	55.4	53.6
85°	37.7	38.1	38.1	38.5	38.9	38.9	39.2	36.6	34.3	31.7	29.0
87.5°	10.2	10.2	10.2	10.2	10.2	9.8	9.8	7.5	4.9	2.6	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367294
 CATALOG NUMBER: MSA-SA2B-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: P367294

CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	812.5	814.7	816.6	818.9	819.3	819.6	819.6	820.0	812.1	804.2	795.9
5°	821.9	827.2	832.8	838.1	837.0	835.9	834.7	833.6	831.3	829.4	827.2
7.5°	662.3	658.6	654.4	650.3	653.7	657.1	660.5	663.9	665.4	666.9	668.0
10°	575.6	566.2	556.7	547.3	542.0	536.4	531.1	525.4	524.7	524.3	523.5
12.5°	500.9	490.7	480.9	470.7	467.7	464.3	461.3	457.9	460.9	463.9	466.6
15°	413.4	409.6	405.5	401.3	404.7	408.1	411.5	414.9	417.9	420.6	423.6
17.5°	352.3	350.8	348.9	347.0	350.0	353.4	356.4	359.5	366.3	373.0	379.8
20°	312.3	311.2	309.7	308.2	307.0	305.5	304.4	302.9	312.7	322.1	331.9
22.5°	288.6	286.3	284.0	281.8	282.1	282.5	282.5	282.9	290.8	299.1	307.0
25°	258.8	258.0	257.2	256.5	258.8	261.0	262.9	265.2	272.3	279.5	286.3
27.5°	243.7	244.0	244.4	244.8	247.8	251.2	254.2	257.2	262.1	267.1	272.0
30°	235.4	237.6	239.5	241.4	242.5	243.7	244.8	245.9	250.8	255.4	260.3
32.5°	247.8	244.8	241.4	238.4	239.9	241.8	243.3	244.8	249.3	253.9	258.4
35°	236.1	234.6	233.5	232.0	233.9	235.7	237.3	239.1	243.3	247.1	251.2
37.5°	230.1	229.7	229.3	229.0	230.1	231.2	232.0	233.1	236.9	240.6	244.0
40°	229.7	227.8	226.3	224.4	225.6	226.7	227.4	228.6	233.1	237.6	242.2
42.5°	227.4	225.2	222.5	220.3	221.4	222.9	224.1	225.2	230.1	234.6	239.5
45°	227.1	223.7	219.9	216.5	218.0	219.5	221.0	222.5	226.3	230.1	233.5
47.5°	222.9	219.5	216.1	212.7	213.5	214.2	214.6	215.4	218.8	221.8	225.2
50°	219.5	216.9	214.6	212.0	210.9	210.1	209.0	207.8	210.5	213.1	215.8
52.5°	215.4	212.7	209.7	207.1	205.6	204.1	202.6	201.0	203.3	205.2	207.5
55°	212.7	209.3	206.3	202.9	201.0	199.2	197.3	195.4	196.9	198.0	199.5
57.5°	207.1	204.1	200.7	197.6	195.4	193.1	190.5	188.2	189.0	189.7	190.5
60°	199.5	196.1	193.1	189.7	187.1	184.4	181.4	178.8	179.2	179.9	180.3
62.5°	188.6	185.6	182.2	179.2	176.1	173.5	170.5	167.5	168.2	168.6	169.4
65°	176.5	173.1	170.1	166.7	164.1	161.4	158.4	155.8	156.5	157.3	157.7
67.5°	161.8	159.2	156.9	154.3	152.0	149.4	147.1	144.5	144.8	145.2	145.6
70°	146.0	143.7	141.8	139.6	137.7	135.8	133.9	132.0	132.0	132.4	132.4
72.5°	129.0	127.1	125.2	123.3	121.5	119.9	118.1	116.2	116.9	117.7	118.1
75°	111.6	110.1	108.3	106.4	104.9	103.4	101.5	100.0	100.7	101.5	101.8
77.5°	93.5	92.4	90.9	89.8	88.3	86.8	84.9	83.4	84.1	84.9	85.2
80°	74.7	73.9	72.8	72.0	70.5	69.0	67.5	66.0	66.4	66.4	66.8
82.5°	53.9	54.3	54.3	54.7	53.6	52.1	50.9	49.4	49.4	49.4	49.0
85°	30.2	31.7	32.8	33.9	32.8	31.7	30.6	29.4	29.0	29.0	28.7
87.5°	1.1	1.9	3.0	3.8	3.4	3.0	2.3	1.9	2.3	2.6	2.6
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: P367294
 CATALOG NUMBER: MSA-SA2B-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: P367294
 CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	788.0	794.4	800.8	807.2	813.6	823.4	833.2	843.4	853.6	847.9	841.9
5°	824.9	828.7	832.8	836.6	840.4	851.3	861.9	875.1	887.9	886.4	884.5
7.5°	669.5	674.8	680.1	685.0	690.3	706.9	723.5	737.4	751.4	749.5	747.2
10°	522.8	533.7	545.0	556.0	566.9	580.5	593.7	605.4	617.1	636.7	655.9
12.5°	469.6	486.6	503.6	520.5	537.5	547.3	556.7	571.8	586.9	597.5	608.4
15°	426.2	442.1	457.9	473.8	489.6	490.3	491.1	506.9	522.8	531.8	540.5
17.5°	386.6	395.3	404.0	412.3	420.9	417.9	414.9	422.5	429.6	433.4	437.5
20°	341.4	347.4	353.4	359.5	365.5	369.6	373.4	377.9	382.1	378.3	374.2
22.5°	315.0	324.0	333.4	342.5	351.5	354.2	356.4	353.8	351.2	350.0	348.9
25°	293.5	304.4	315.7	326.6	337.6	342.9	348.1	350.4	352.3	348.1	344.0
27.5°	276.9	290.1	302.9	316.1	328.9	338.3	347.8	350.4	352.7	349.7	346.3
30°	264.8	279.1	293.5	307.8	322.1	336.5	350.4	362.9	374.9	373.8	372.7
32.5°	262.9	272.7	282.5	292.3	302.1	311.2	319.9	320.6	321.0	318.0	314.6
35°	255.0	261.4	267.8	274.2	280.6	286.3	291.6	290.8	290.1	287.0	284.0
37.5°	247.8	254.2	261.0	267.4	273.8	283.6	293.1	291.2	288.9	285.9	282.9
40°	246.7	253.9	261.0	267.8	275.0	284.0	293.1	291.2	289.3	285.5	281.8
42.5°	244.0	251.2	258.0	265.2	272.0	282.9	293.5	290.1	286.3	283.3	280.3
45°	237.3	243.7	250.1	256.5	262.9	274.6	286.3	282.1	278.0	276.9	275.4
47.5°	228.2	234.6	241.0	247.4	253.9	265.5	276.9	273.5	269.7	269.3	268.6
50°	218.4	224.4	230.8	236.9	242.9	254.6	265.9	262.9	259.9	260.3	260.3
52.5°	209.3	215.0	220.3	225.9	231.2	242.9	254.2	252.0	249.3	250.1	250.5
55°	200.7	205.2	209.7	214.2	218.8	230.1	241.4	238.0	234.6	235.7	236.9
57.5°	191.2	195.0	198.8	202.2	205.9	217.3	228.2	224.4	220.3	222.2	223.7
60°	180.7	184.1	187.5	190.5	193.9	204.1	213.9	210.5	206.7	209.3	211.6
62.5°	169.7	172.4	175.0	177.7	180.3	189.7	199.2	196.5	193.9	196.9	199.5
65°	158.4	160.3	162.6	164.5	166.3	175.4	184.1	182.2	180.3	182.9	185.6
67.5°	146.0	147.5	149.4	150.9	152.4	160.7	169.0	167.1	164.8	167.1	169.0
70°	132.4	133.9	135.0	136.5	137.7	145.2	152.8	150.1	147.1	149.4	151.3
72.5°	118.8	119.6	120.7	121.5	122.2	127.9	133.5	131.3	129.0	131.3	133.1
75°	102.6	103.4	104.1	104.9	105.6	110.5	115.0	112.4	109.4	111.6	113.9
77.5°	86.0	86.4	87.1	87.5	87.9	91.3	94.3	91.7	88.6	91.3	93.9
80°	66.8	67.1	67.5	67.5	67.9	69.0	70.2	68.3	66.0	69.4	72.8
82.5°	49.0	48.7	48.7	48.3	47.9	47.9	47.5	46.4	44.9	47.9	50.9
85°	28.3	27.9	27.2	26.8	26.0	24.9	23.8	23.4	23.0	25.6	28.3
87.5°	3.0	2.6	1.9	1.5	0.8	0.4	0.0	0.0	0.0	1.5	3.4
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: P367294
 CATALOG NUMBER: MSA-SA2B-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: P367294

CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	836.2	830.2	824.5	818.9	813.2	807.6	818.1	828.7	839.3	849.8	859.2
5°	883.0	881.1	876.2	871.7	866.8	861.9	864.5	867.5	870.2	872.8	878.5
7.5°	745.3	743.1	753.6	763.8	774.4	784.6	787.2	789.5	792.1	794.4	792.9
10°	675.6	694.8	699.7	704.2	709.1	713.6	721.2	728.7	735.9	743.4	747.6
12.5°	619.0	629.5	646.9	664.6	682.0	699.3	710.6	721.9	733.3	744.6	768.0
15°	549.6	558.2	571.4	584.6	597.8	611.1	627.3	643.9	660.1	676.3	702.0
17.5°	441.3	445.1	454.9	464.7	474.1	483.9	505.8	527.3	549.2	570.7	600.1
20°	370.4	366.3	366.3	366.6	366.6	366.6	388.5	410.0	431.9	453.4	492.2
22.5°	347.4	346.3	342.1	337.6	333.4	328.9	340.2	351.9	363.2	374.6	406.2
25°	339.5	335.3	330.0	324.8	319.5	314.2	321.4	328.5	335.7	342.9	367.8
27.5°	343.2	339.8	342.5	344.8	347.4	349.7	351.9	354.2	356.4	358.7	367.4
30°	371.5	370.4	374.6	378.3	382.5	386.2	381.0	376.1	370.8	365.5	368.5
32.5°	311.6	308.2	306.7	305.1	303.6	302.1	301.8	301.4	300.6	300.2	307.0
35°	281.0	278.0	275.7	273.5	270.8	268.6	269.7	270.4	271.6	272.3	279.9
37.5°	279.9	276.9	274.2	271.6	268.6	265.9	267.1	268.6	269.7	270.8	276.5
40°	278.0	274.2	272.7	271.2	269.7	268.2	268.9	269.7	270.1	270.8	275.0
42.5°	276.9	273.8	273.1	272.3	271.6	270.8	271.6	272.3	272.7	273.5	278.4
45°	274.2	272.7	273.5	274.2	275.0	275.7	275.7	275.7	275.7	275.7	281.0
47.5°	268.2	267.4	269.7	272.0	274.2	276.5	280.3	284.0	287.4	291.2	292.3
50°	260.6	260.6	264.4	268.2	271.6	275.4	284.4	293.1	302.1	310.8	305.1
52.5°	251.2	251.6	257.2	262.5	268.2	273.5	281.8	290.1	298.0	306.3	298.0
55°	237.6	238.8	245.9	252.7	259.9	266.7	273.1	279.5	285.9	292.3	283.6
57.5°	225.6	227.1	234.6	241.8	249.3	256.5	260.3	264.4	268.2	272.0	266.3
60°	214.2	216.5	226.3	236.1	245.6	255.4	252.3	249.3	245.9	242.9	242.5
62.5°	202.6	205.2	214.2	223.3	232.0	241.0	236.5	232.0	227.1	222.5	224.4
65°	187.8	190.5	194.6	198.8	202.6	206.7	206.3	206.3	205.9	205.6	209.3
67.5°	171.2	173.1	175.8	178.0	180.7	182.9	184.4	186.3	187.8	189.4	193.9
70°	153.5	155.4	158.0	160.3	162.9	165.2	167.1	169.0	170.5	172.4	176.9
72.5°	135.4	137.3	139.9	142.6	144.8	147.5	149.0	150.5	151.6	153.1	156.9
75°	116.2	118.4	121.1	123.3	126.0	128.2	129.4	130.5	131.6	132.8	136.2
77.5°	96.6	99.2	101.8	104.5	107.1	109.8	110.1	110.5	110.9	111.3	114.3
80°	75.8	79.2	81.9	84.5	87.1	89.8	89.8	89.8	89.8	89.8	91.3
82.5°	53.9	57.0	60.0	62.6	65.6	68.3	68.3	67.9	67.9	67.5	67.5
85°	30.9	33.6	35.5	37.7	39.6	41.5	41.5	41.5	41.1	41.1	40.4
87.5°	4.9	6.4	7.2	8.3	9.1	9.8	9.4	9.4	9.1	8.7	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367294
 CATALOG NUMBER: MSA-SA2B-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: P367294

CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	868.7	878.1	887.5	886.0	884.5	883.0	881.5	887.2	892.4	898.1	903.4
5°	883.8	889.4	894.7	898.8	903.0	907.1	911.3	930.5	949.4	968.6	987.5
7.5°	791.3	789.5	788.0	805.7	823.8	841.5	859.2	883.8	908.3	932.8	957.3
10°	751.7	755.9	760.0	767.2	774.8	781.9	789.1	813.2	837.4	861.5	885.6
12.5°	791.0	814.4	837.4	843.0	849.1	854.7	860.4	865.3	870.2	874.7	879.6
15°	727.6	753.3	778.9	793.6	808.3	822.7	837.4	874.3	910.9	947.9	984.5
17.5°	629.2	658.6	687.6	723.8	760.0	796.3	832.5	866.4	900.4	933.9	967.9
20°	531.1	569.6	608.4	648.0	687.2	726.8	766.1	799.3	832.5	865.3	898.5
22.5°	437.5	469.2	500.5	548.8	596.7	645.0	692.9	754.8	816.2	878.1	939.6
25°	392.3	417.2	441.7	491.5	541.3	590.7	640.5	720.8	800.8	881.1	961.1
27.5°	376.4	385.1	393.8	439.1	483.9	529.2	574.1	660.8	747.6	834.0	920.7
30°	371.5	374.6	377.6	413.0	448.5	483.9	519.4	605.0	691.0	776.6	862.3
32.5°	313.4	320.2	326.6	361.3	395.7	430.4	464.7	551.1	637.1	723.5	809.5
35°	287.4	295.0	302.5	336.5	370.4	404.0	437.9	528.8	620.1	711.0	801.9
37.5°	282.1	287.8	293.5	331.9	370.4	408.9	447.3	539.4	631.4	723.5	815.5
40°	279.5	283.6	287.8	325.1	362.9	400.2	437.5	534.1	630.3	726.8	823.0
42.5°	282.9	287.8	292.3	326.3	359.8	393.8	427.4	527.3	626.9	726.8	826.4
45°	285.9	291.2	296.1	327.8	359.5	391.1	422.8	529.6	635.9	742.7	849.1
47.5°	293.1	294.2	295.0	322.5	349.7	377.2	404.3	513.0	621.6	729.9	838.5
50°	299.1	293.5	287.4	316.1	344.4	373.0	401.3	504.3	607.3	709.9	812.8
52.5°	289.7	281.0	272.7	303.6	334.6	365.1	396.1	499.0	602.4	705.3	808.3
55°	275.4	266.7	258.0	289.3	320.6	351.9	383.2	485.8	588.8	691.4	794.0
57.5°	261.0	255.4	249.7	275.4	301.4	327.0	352.7	463.9	574.8	686.1	797.0
60°	242.2	241.4	241.0	261.0	281.4	301.4	321.4	430.4	539.0	648.0	756.6
62.5°	225.9	227.8	229.3	245.6	261.8	277.6	293.8	399.1	504.7	609.9	715.2
65°	213.5	217.3	221.0	239.5	258.0	276.1	294.6	382.8	471.1	559.4	647.6
67.5°	198.4	202.9	207.5	231.6	255.7	279.9	304.0	376.8	449.6	522.4	595.2
70°	181.1	185.6	189.7	220.7	251.2	282.1	312.7	377.2	442.1	506.6	571.1
72.5°	160.7	164.5	168.2	201.4	234.6	267.8	301.0	355.7	410.4	464.7	519.4
75°	139.9	143.3	146.7	175.4	204.1	232.7	261.4	303.6	345.5	387.8	429.6
77.5°	116.9	119.9	122.6	141.8	161.1	180.3	199.5	232.0	264.0	296.5	328.5
80°	92.8	94.3	95.8	107.1	118.1	129.4	140.3	161.8	183.3	204.4	225.9
82.5°	67.9	67.9	67.9	75.1	82.6	89.8	96.9	107.9	118.4	129.4	139.9
85°	39.6	38.5	37.7	42.6	47.5	52.4	57.3	61.9	66.4	70.9	75.4
87.5°	6.4	4.9	3.8	6.8	9.8	12.8	15.8	17.4	19.2	20.7	22.3
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: P367294
 CATALOG NUMBER: MSA-SA2B-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: P367294

CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	890.6	878.1	865.3	852.5	871.3	890.2	909.0	927.9	978.1	1007.9	1009.7
5°	1003.3	1019.2	1035.0	1050.9	1066.7	1082.5	1098.0	1113.8	1195.3	1245.5	1254.9
7.5°	983.3	1009.7	1035.8	1061.8	1106.7	1151.6	1196.5	1241.3	1310.4	1360.2	1393.0
10°	918.1	950.5	983.0	1015.4	1068.6	1122.1	1175.3	1228.5	1301.7	1367.3	1398.6
12.5°	931.3	983.0	1034.3	1085.9	1132.0	1178.3	1224.4	1270.4	1320.9	1345.8	1402.8
15°	1020.3	1056.1	1092.0	1127.8	1197.2	1266.2	1335.6	1404.7	1433.3	1490.3	1541.6
17.5°	1033.9	1099.5	1165.5	1231.2	1316.0	1400.9	1485.8	1570.6	1623.8	1697.4	1759.2
20°	991.6	1084.4	1177.6	1270.4	1379.8	1489.5	1598.9	1708.3	1775.8	1837.7	1933.5
22.5°	1042.2	1144.8	1247.0	1349.6	1494.8	1639.7	1784.9	1929.7	2070.8	2208.8	2273.7
25°	1098.0	1235.3	1372.2	1509.1	1690.6	1871.6	2053.1	2234.1	2415.5	2544.9	2619.6
27.5°	1058.8	1196.5	1334.5	1472.2	1696.6	1921.4	2145.8	2370.3	2564.5	2720.3	2784.4
30°	1031.2	1200.2	1369.2	1538.2	1801.5	2064.7	2328.0	2591.3	2770.9	2944.7	3039.0
32.5°	1026.3	1243.2	1459.7	1676.6	1983.3	2289.6	2596.2	2902.5	3021.7	3176.0	3303.1
35°	1039.9	1278.3	1516.3	1754.3	2105.9	2457.4	2808.6	3160.1	3329.5	3482.2	3593.5
37.5°	1081.4	1347.3	1612.9	1878.8	2302.4	2726.3	3149.9	3573.5	3857.5	4137.0	4186.8
40°	1104.8	1386.9	1668.7	1950.5	2443.1	2935.7	3428.3	3920.9	4247.6	4554.2	4575.0
42.5°	1132.3	1438.2	1743.8	2049.7	2595.8	3142.4	3688.6	4234.7	4639.1	4968.7	4978.6
45°	1164.0	1478.6	1793.5	2108.1	2678.4	3248.4	3818.7	4388.6	4877.5	5278.0	5180.4
47.5°	1176.5	1514.8	1852.8	2190.7	2798.8	3406.4	4014.5	4622.1	5060.8	5425.2	5331.6
50°	1181.4	1550.3	1918.8	2287.3	2917.2	3547.5	4177.4	4807.3	5253.5	5608.8	5465.5
52.5°	1211.9	1615.5	2019.1	2422.7	3079.0	3735.3	4391.6	5048.0	5487.0	5828.4	5650.3
55°	1253.0	1712.1	2170.7	2629.8	3309.1	3988.0	4667.4	5346.3	5786.9	6104.5	5883.8
57.5°	1291.1	1785.6	2279.7	2773.9	3477.7	4181.9	4885.8	5589.6	6035.8	6350.0	6136.2
60°	1272.6	1788.6	2304.6	2820.6	3512.4	4203.8	4895.6	5587.0	6093.5	6470.3	6361.0
62.5°	1216.8	1718.5	2219.8	2721.4	3378.1	4034.4	4691.1	5347.4	5940.4	6423.6	6418.7
65°	1109.3	1571.0	2032.3	2494.0	3101.6	3709.7	4317.3	4925.0	5623.9	6210.8	6248.9
67.5°	978.4	1361.7	1744.9	2128.1	2700.3	3272.5	3844.7	4416.9	5164.1	5811.8	5844.6
70°	851.7	1132.7	1413.3	1694.0	2196.4	2698.8	3200.9	3703.3	4458.0	5113.2	5143.4
72.5°	703.1	886.8	1070.1	1253.8	1660.8	2067.8	2474.4	2881.4	3544.1	4048.0	4218.1
75°	538.6	647.6	756.6	865.7	1194.9	1524.2	1853.1	2182.4	2623.0	2994.9	3186.5
77.5°	385.1	441.7	498.3	554.8	834.7	1114.6	1394.1	1674.0	1905.6	2116.4	2245.8
80°	252.7	279.1	305.9	332.3	565.0	797.8	1030.1	1262.8	1403.9	1517.1	1582.3
82.5°	153.1	166.3	179.2	192.4	381.0	569.6	757.8	946.4	1027.1	1081.0	1139.1
85°	82.6	89.8	96.9	104.1	225.2	345.9	467.0	587.7	595.6	602.0	688.4
87.5°	24.1	26.4	28.3	30.2	49.8	69.8	89.4	109.0	67.9	42.2	86.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367294
 CATALOG NUMBER: MSA-SA2B-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: P367294

CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	998.8	993.9	989.0	983.7	978.8	958.1	937.7	917.0	896.2	916.2	935.8
5°	1244.0	1259.1	1273.8	1288.9	1304.0	1305.1	1305.8	1307.0	1307.7	1311.5	1315.3
7.5°	1420.5	1447.3	1473.7	1500.5	1527.2	1548.0	1568.7	1589.9	1610.6	1591.7	1572.9
10°	1435.6	1492.2	1548.7	1605.3	1661.9	1672.1	1681.9	1692.1	1702.3	1715.8	1729.0
12.5°	1450.7	1519.7	1588.4	1657.4	1726.4	1756.6	1786.4	1816.6	1846.4	1861.1	1875.4
15°	1610.2	1651.0	1691.3	1732.1	1772.4	1793.2	1813.5	1834.3	1855.0	1867.5	1879.5
17.5°	1815.4	1830.5	1845.2	1860.3	1875.4	1889.4	1903.3	1917.3	1931.2	1933.5	1935.7
20°	2002.5	2005.5	2008.2	2011.2	2013.8	1984.4	1955.4	1925.9	1896.5	1901.8	1906.7
22.5°	2283.1	2266.5	2250.3	2233.7	2217.5	2162.1	2107.0	2051.5	1996.5	1972.7	1949.3
25°	2705.6	2663.4	2621.1	2578.9	2536.6	2448.4	2360.5	2272.2	2184.3	2132.6	2081.3
27.5°	2841.8	2749.7	2658.1	2566.0	2474.0	2407.2	2340.9	2274.1	2207.7	2125.9	2044.0
30°	3117.1	2971.9	2827.1	2681.8	2536.6	2472.1	2407.6	2342.7	2278.2	2194.5	2111.1
32.5°	3361.2	3210.3	3059.4	2908.1	2757.3	2635.1	2512.9	2390.6	2268.4	2211.9	2155.3
35°	3643.7	3453.9	3264.2	3074.5	2884.8	2779.9	2675.4	2570.6	2466.1	2380.5	2295.2
37.5°	4055.2	3853.4	3651.6	3449.4	3247.6	3105.8	2964.4	2822.5	2681.1	2633.9	2587.2
40°	4447.5	4209.1	3971.1	3732.7	3494.7	3386.1	3277.4	3168.4	3059.8	2980.2	2900.6
42.5°	4776.0	4540.3	4304.9	4069.1	3833.8	3754.6	3675.7	3596.5	3517.7	3452.1	3386.4
45°	4888.8	4696.4	4504.4	4312.1	4119.7	4091.8	4064.2	4036.3	4008.8	3960.1	3911.5
47.5°	5070.2	4874.1	4678.3	4482.2	4286.0	4296.2	4306.4	4317.0	4327.1	4329.8	4332.0
50°	5177.0	4990.6	4804.7	4618.3	4432.4	4481.8	4530.8	4580.2	4629.7	4741.7	4853.3
52.5°	5332.7	5149.8	4967.2	4784.3	4601.4	4685.1	4768.5	4852.2	4935.6	5092.5	5249.4
55°	5528.1	5353.1	5178.5	5003.5	4828.8	4910.3	4991.4	5072.9	5153.9	5328.6	5503.2
57.5°	5787.3	5599.8	5412.7	5225.2	5038.2	5113.2	5187.9	5263.0	5337.6	5503.6	5669.6
60°	6082.2	5878.5	5674.9	5470.8	5267.1	5287.9	5308.2	5329.0	5349.3	5529.3	5708.8
62.5°	6227.1	6038.5	5850.2	5661.7	5473.1	5415.3	5357.6	5299.5	5241.8	5402.9	5563.6
65°	6101.5	5971.7	5842.3	5712.6	5582.8	5481.0	5379.5	5277.7	5175.8	5276.5	5376.9
67.5°	5701.6	5628.1	5554.9	5481.4	5407.8	5236.9	5066.1	4894.8	4724.0	4730.7	4737.2
70°	5053.6	5034.0	5014.8	4995.2	4975.5	4718.7	4462.2	4205.3	3948.4	3909.2	3870.0
72.5°	4232.5	4245.3	4257.7	4270.6	4283.4	4007.3	3731.2	3455.1	3179.0	3113.7	3048.5
75°	3278.2	3349.1	3420.0	3491.3	3562.2	3298.2	3034.1	2769.7	2505.7	2425.3	2345.0
77.5°	2316.3	2448.7	2580.7	2713.1	2845.5	2606.8	2368.4	2129.6	1890.9	1838.8	1786.8
80°	1615.1	1680.0	1744.9	1809.8	1874.6	1754.7	1634.7	1514.8	1394.9	1409.2	1423.1
82.5°	1176.5	1191.5	1206.3	1221.3	1236.4	1187.4	1138.4	1089.0	1039.9	1077.3	1114.6
85°	753.6	807.6	861.1	915.1	968.6	914.3	860.0	805.3	751.0	775.9	800.8
87.5°	168.6	266.7	364.7	463.2	561.3	508.5	456.0	403.2	350.4	326.6	303.3
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: P367294
 CATALOG NUMBER: MSA-SA2B-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: P367294

CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	955.8	975.8	969.8	964.1	958.1	952.0	963.0	973.9	985.2	996.2	992.4
5°	1319.4	1323.2	1287.4	1251.9	1216.1	1180.2	1202.5	1224.7	1247.0	1269.3	1261.3
7.5°	1554.0	1535.2	1514.4	1493.7	1472.6	1451.8	1447.3	1442.8	1437.9	1433.3	1427.3
10°	1742.6	1755.8	1742.2	1729.0	1715.5	1701.9	1670.2	1638.5	1606.5	1574.8	1561.6
12.5°	1890.1	1904.8	1908.2	1911.2	1914.6	1918.0	1882.6	1847.5	1812.0	1776.6	1744.5
15°	1892.0	1904.4	1915.4	1925.9	1936.9	1947.4	1925.6	1904.1	1882.2	1860.3	1850.1
17.5°	1938.4	1940.7	1931.6	1922.9	1913.9	1905.2	1896.5	1888.2	1879.5	1871.2	1855.0
20°	1912.0	1917.3	1916.1	1915.0	1913.5	1912.4	1913.1	1913.5	1914.2	1914.6	1905.6
22.5°	1925.6	1901.8	1906.7	1911.2	1916.1	1920.7	1934.2	1947.8	1961.8	1975.4	2011.6
25°	2029.7	1978.0	1970.1	1962.5	1954.6	1947.1	1982.5	2017.6	2053.1	2088.5	2147.4
27.5°	1961.8	1879.9	1861.8	1843.7	1825.6	1807.5	1861.4	1915.0	1968.9	2022.9	2082.9
30°	2027.4	1944.0	1904.1	1864.1	1823.7	1783.7	1835.4	1886.7	1938.4	1989.7	2056.1
32.5°	2098.7	2042.1	2015.3	1988.9	1962.2	1935.7	1939.9	1944.0	1948.2	1952.3	2045.9
35°	2209.6	2124.0	2097.6	2071.2	2044.8	2018.4	2062.5	2106.2	2150.4	2194.1	2273.3
37.5°	2540.0	2492.9	2445.3	2397.8	2349.9	2302.4	2328.4	2354.4	2380.5	2406.5	2481.2
40°	2821.0	2741.4	2733.5	2726.0	2718.0	2710.1	2712.4	2714.3	2716.5	2718.8	2782.5
42.5°	3320.4	3254.8	3214.4	3174.1	3133.7	3093.4	3090.7	3088.1	3085.1	3082.4	3130.3
45°	3862.4	3813.8	3783.6	3753.4	3722.9	3692.7	3644.8	3596.9	3548.6	3500.7	3542.6
47.5°	4334.7	4337.3	4392.0	4446.3	4501.0	4555.7	4473.9	4392.0	4310.2	4228.3	4174.4
50°	4965.4	5077.0	5090.2	5103.0	5116.2	5129.4	4990.6	4852.2	4713.4	4574.6	4518.0
52.5°	5406.7	5563.6	5543.2	5523.2	5502.9	5482.5	5402.1	5322.2	5241.8	5161.5	5038.2
55°	5678.2	5852.9	5837.4	5822.3	5806.9	5791.4	5732.9	5674.5	5616.0	5557.5	5422.1
57.5°	5835.5	6001.5	6006.0	6010.6	6015.1	6019.6	6004.1	5988.7	5973.2	5957.7	5781.6
60°	5888.7	6068.6	6070.5	6072.0	6073.9	6075.4	6050.9	6026.4	6001.5	5977.0	5861.9
62.5°	5724.6	5885.3	5892.5	5899.3	5906.4	5913.6	5896.6	5879.7	5862.7	5845.7	5760.5
65°	5477.6	5578.3	5580.2	5581.7	5583.6	5585.5	5542.5	5499.8	5456.8	5413.8	5393.5
67.5°	4743.9	4750.7	4790.7	4830.7	4870.7	4910.7	4914.1	4917.5	4921.2	4924.6	4895.2
70°	3830.8	3791.5	3834.9	3878.3	3921.7	3965.0	3983.5	4002.0	4020.9	4039.3	4052.9
72.5°	2982.8	2917.6	2949.6	2981.7	3014.1	3046.2	3018.7	2991.1	2963.6	2936.1	3023.2
75°	2264.7	2184.3	2180.2	2176.4	2172.2	2168.5	2154.5	2140.6	2126.2	2112.3	2193.7
77.5°	1734.3	1682.3	1684.9	1687.2	1689.8	1692.1	1677.7	1663.8	1649.5	1635.1	1666.4
80°	1437.5	1451.4	1451.8	1452.2	1452.6	1452.9	1439.4	1426.2	1412.6	1399.0	1376.4
82.5°	1152.3	1189.7	1189.3	1189.3	1188.9	1188.5	1187.8	1187.0	1185.9	1185.1	1148.2
85°	825.7	850.6	824.9	799.3	773.6	748.0	766.8	785.7	804.9	823.8	808.3
87.5°	279.5	256.1	225.6	195.4	164.8	134.3	167.1	199.9	233.1	265.9	284.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367294
 CATALOG NUMBER: MSA-SA2B-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: P367294

CATALOG NUMBER: MSA-SA2B-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6	819.6
2.5°	989.0	985.2	981.8	958.1	933.9	910.2	886.0	929.8	973.9	1017.7	1061.4
5°	1253.8	1245.9	1238.3	1236.4	1234.5	1232.3	1230.4	1252.7	1274.9	1296.8	1319.0
7.5°	1421.3	1415.2	1409.2	1393.3	1377.9	1362.0	1346.2	1359.8	1373.0	1386.6	1399.8
10°	1548.7	1535.5	1522.3	1488.0	1454.1	1419.8	1385.4	1375.2	1365.1	1354.9	1344.7
12.5°	1712.5	1680.0	1648.0	1609.1	1569.9	1531.0	1491.8	1486.5	1481.2	1476.3	1471.0
15°	1840.3	1830.1	1820.0	1789.0	1758.1	1727.2	1696.2	1654.7	1612.9	1571.4	1529.9
17.5°	1839.2	1823.0	1807.1	1848.6	1889.7	1931.2	1972.3	1928.2	1883.7	1839.6	1795.4
20°	1896.5	1887.1	1878.0	1954.6	2030.8	2107.4	2183.6	2159.4	2134.9	2110.8	2086.2
22.5°	2047.4	2083.6	2119.4	2185.1	2250.3	2316.0	2381.2	2408.7	2436.3	2463.8	2491.4
25°	2205.8	2264.7	2323.5	2421.2	2518.5	2616.2	2713.9	2733.5	2753.1	2772.7	2792.4
27.5°	2142.4	2202.4	2262.4	2336.3	2409.9	2483.8	2557.4	2643.4	2729.7	2815.7	2901.7
30°	2122.1	2188.5	2254.5	2355.9	2457.0	2558.5	2660.0	2778.4	2896.8	3014.9	3133.3
32.5°	2139.1	2232.6	2326.1	2463.4	2600.4	2737.7	2875.0	2999.4	3124.3	3248.8	3373.2
35°	2352.2	2431.4	2510.2	2663.7	2817.2	2970.8	3124.3	3270.3	3416.2	3561.8	3707.8
37.5°	2555.5	2630.2	2704.8	2861.8	3018.3	3175.2	3332.1	3562.6	3793.4	4023.9	4254.3
40°	2845.9	2909.7	2973.0	3107.3	3241.6	3375.9	3510.1	3788.1	4066.1	4344.1	4622.1
42.5°	3177.8	3225.7	3273.3	3412.5	3551.6	3690.8	3830.0	4132.5	4435.4	4737.9	5040.4
45°	3584.1	3625.9	3667.8	3763.6	3859.4	3955.6	4051.4	4363.4	4675.3	4987.2	5299.2
47.5°	4120.4	4066.5	4012.6	4059.7	4106.9	4154.0	4201.2	4509.7	4818.2	5126.4	5435.0
50°	4461.4	4404.8	4348.3	4352.4	4356.2	4360.3	4364.5	4652.3	4940.1	5227.5	5515.3
52.5°	4914.8	4791.1	4667.7	4666.6	4665.5	4664.0	4662.8	4913.7	5164.9	5415.7	5666.6
55°	5286.7	5151.3	5015.9	4989.5	4963.1	4936.3	4909.9	5158.1	5405.9	5654.1	5901.9
57.5°	5605.4	5428.9	5252.8	5211.3	5169.8	5128.3	5086.8	5354.2	5622.0	5889.5	6156.9
60°	5747.3	5632.2	5517.6	5466.6	5415.7	5364.8	5313.9	5541.7	5769.5	5997.0	6224.8
62.5°	5675.6	5590.4	5505.5	5517.2	5528.9	5540.6	5552.3	5682.4	5812.9	5943.0	6073.2
65°	5373.5	5353.1	5333.1	5427.4	5521.7	5616.0	5710.3	5712.2	5714.1	5716.0	5717.9
67.5°	4865.8	4836.4	4806.9	5003.1	5198.8	5395.0	5591.1	5497.9	5404.8	5312.0	5218.8
70°	4066.1	4079.7	4092.9	4360.0	4626.6	4893.7	5160.7	5025.7	4890.3	4755.3	4619.8
72.5°	3110.3	3197.8	3285.0	3561.8	3838.7	4115.5	4392.4	4238.1	4083.5	3929.2	3774.6
75°	2275.2	2356.7	2438.2	2711.6	2985.1	3258.9	3532.4	3349.1	3165.8	2982.8	2799.5
77.5°	1697.7	1729.4	1760.7	1988.2	2215.2	2442.7	2669.8	2485.7	2301.6	2117.9	1933.9
80°	1354.1	1331.5	1309.2	1435.2	1561.2	1687.2	1813.2	1682.7	1551.8	1421.3	1290.8
82.5°	1111.6	1074.6	1038.0	1084.8	1131.6	1178.7	1225.5	1121.0	1016.5	912.0	807.6
85°	792.9	777.4	761.9	775.5	788.7	802.3	815.9	714.0	612.2	510.7	408.9
87.5°	303.3	322.1	341.0	362.5	383.6	405.1	426.2	333.8	241.4	149.4	57.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	819.6	819.6
2.5°	1079.5	1097.6
5°	1318.7	1318.3
7.5°	1393.7	1387.3
10°	1328.1	1311.5
12.5°	1422.0	1372.6
15°	1480.9	1431.4
17.5°	1721.1	1646.4
20°	1997.6	1908.6
22.5°	2355.9	2220.5
25°	2630.5	2468.3
27.5°	2805.6	2709.0
30°	3022.8	2912.3
32.5°	3291.8	3209.9
35°	3633.1	3558.1
37.5°	4231.0	4207.2
40°	4593.8	4565.2
42.5°	5041.5	5042.3
45°	5316.1	5333.1
47.5°	5478.0	5520.6
50°	5607.0	5698.2
52.5°	5791.4	5916.3
55°	6067.9	6233.5
57.5°	6298.0	6439.0
60°	6298.0	6370.8
62.5°	6071.3	6069.0
65°	5682.8	5647.3
67.5°	5174.3	5129.8
70°	4550.4	4480.7
72.5°	3688.2	3601.4
75°	2680.7	2561.5
77.5°	1877.3	1820.3
80°	1318.3	1345.8
82.5°	846.8	886.0
85°	402.8	396.8
87.5°	47.5	38.1
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: P367294
CATALOG NUMBER: MSA-SA2B-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)