

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: P367580

Luminaire Tested: **MSA-SA2D-740-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P367580
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-SA2D-740-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (2) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11554 lumens
Efficiency: N/A
Efficacy: 89.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

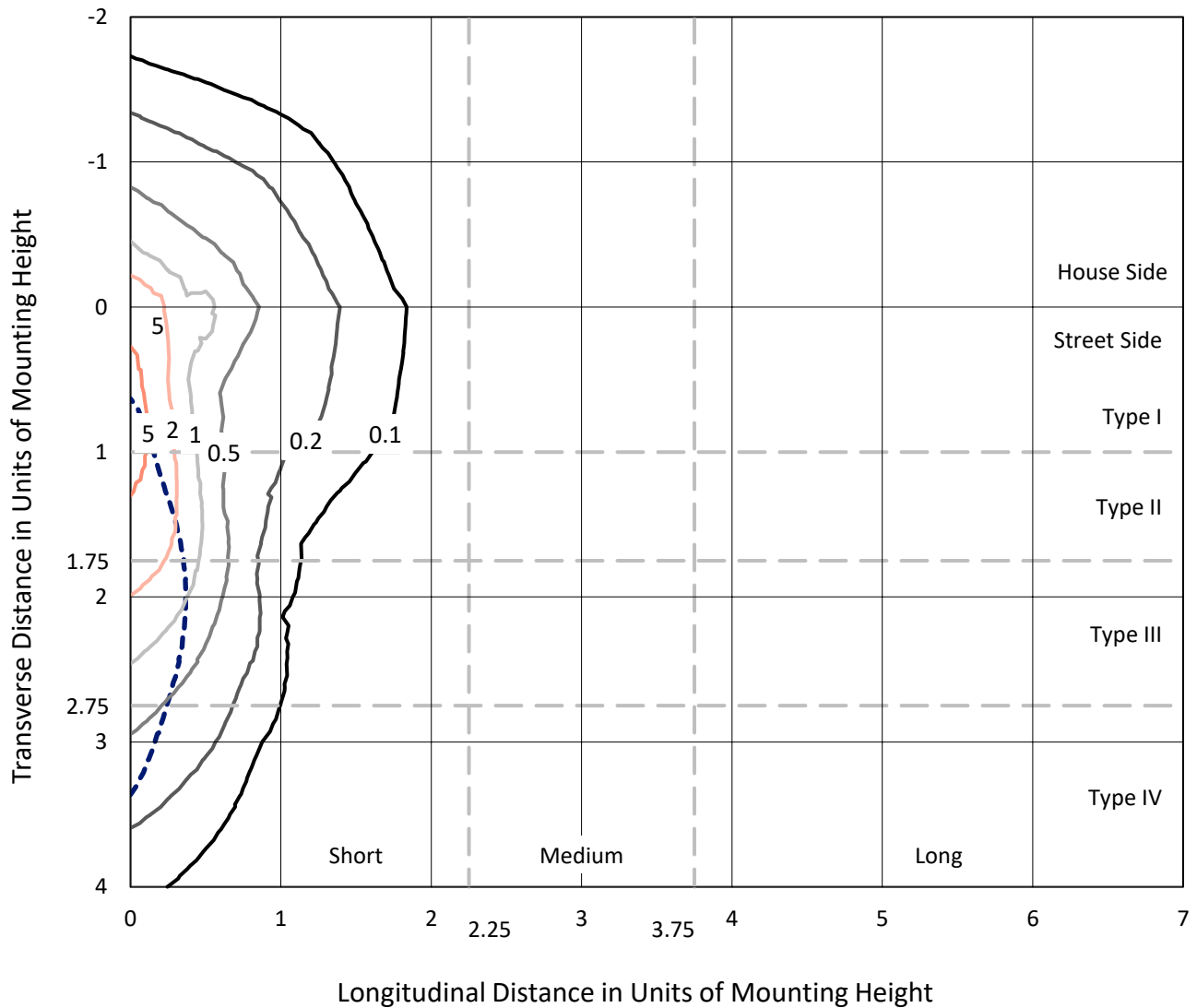
Input Watts (W): 129
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

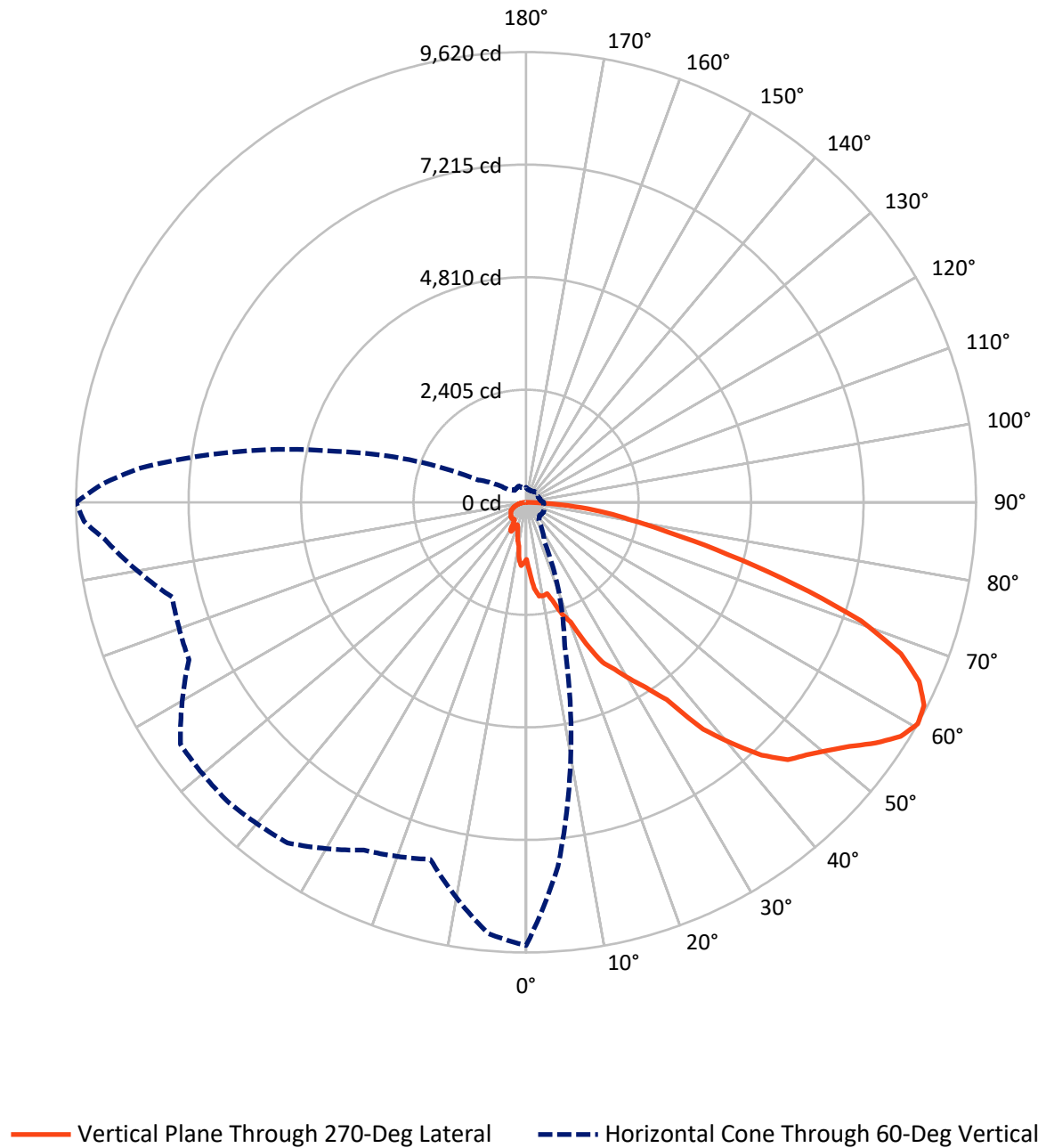
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 7.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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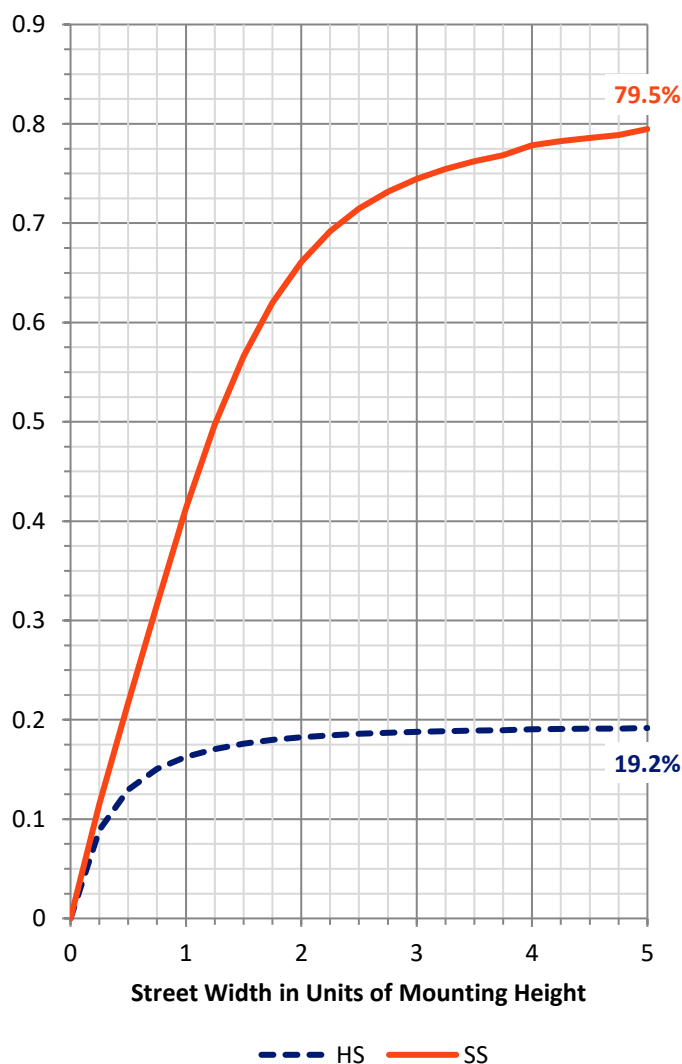
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2237.8	0.0	2237.8
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	9316.2	0.0	9316.2
	% Fixture	80.6	0.0	80.6
Total	Lumens	11554.0	0.0	11554.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.7	1.2
10°-20°	406.0	3.5
20°-30°	716.7	6.2
30°-40°	1116.2	9.7
40°-50°	1837.6	15.9
50°-60°	2622.9	22.7
60°-70°	2781.3	24.1
70°-80°	1536.2	13.3
80°-90°	397.5	3.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	11554.0	100.0
0°-180°	11554.0	100.0

Coefficient of Utilization



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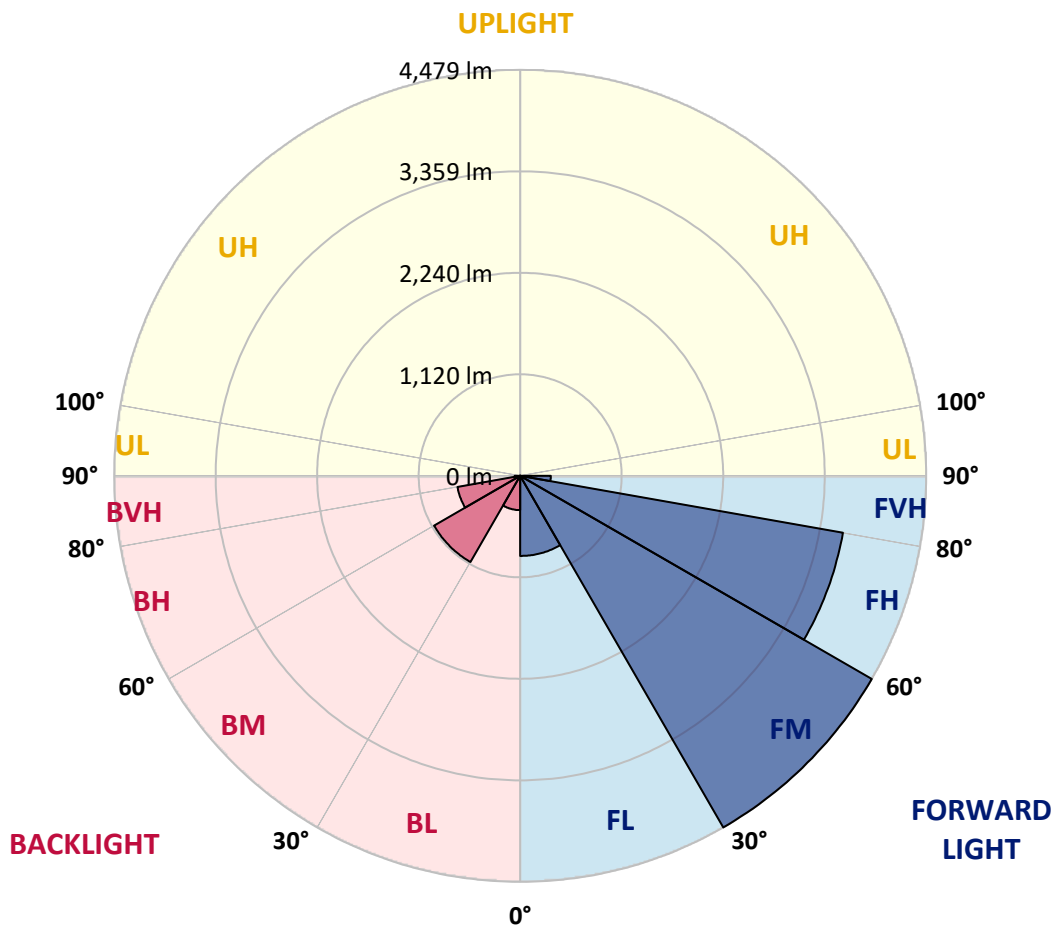
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	884.1	7.7			
FM (30°-60°)	4479.1	38.8			
FH (60°-80°)	3615.3	31.3			G2/5000
FVH (80°-90°)	337.8	2.9			G3/500
BL (0°-30°)	378.3	3.3	B1/500		
BM (30°-60°)	1097.7	9.5	B2/2500		
BH (60°-80°)	702.1	6.1	B2/1000		G2/1000
BVH (80°-90°)	59.6	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1632.0	1642.1	1651.6	1632.5	1613.5	1593.8	1574.8	1546.2	1517.0	1488.4	1459.2
5°	1960.0	1923.0	1885.5	1870.3	1855.7	1840.6	1825.4	1811.4	1797.4	1782.8	1768.8
7.5°	2062.7	2010.0	1956.7	1934.2	1911.8	1888.8	1866.4	1815.9	1765.4	1714.4	1663.9
10°	1949.9	1895.0	1839.5	1817.6	1795.2	1773.3	1750.9	1689.2	1628.0	1566.3	1504.7
12.5°	2040.8	1984.7	1928.1	1858.5	1789.0	1718.9	1649.3	1615.1	1580.9	1546.2	1512.0
15°	2128.3	2052.6	1976.3	1906.8	1837.2	1767.1	1697.6	1629.2	1560.7	1492.3	1423.9
17.5°	2447.9	2321.8	2195.6	2070.0	1943.8	1818.2	1692.0	1612.9	1533.3	1454.2	1374.6
20°	2837.7	2662.2	2486.1	2295.4	2104.2	1913.5	1722.3	1622.4	1523.2	1423.3	1323.5
22.5°	3301.5	3080.0	2858.5	2617.9	2377.3	2136.1	1895.5	1750.9	1606.2	1460.9	1316.2
25°	3670.0	3456.8	3243.7	2938.7	2633.6	2328.5	2023.4	1859.1	1694.8	1529.9	1365.6
27.5°	4027.8	3688.5	3348.6	2999.2	2650.4	2301.0	1951.6	1799.6	1647.7	1495.7	1343.7
30°	4330.0	4060.8	3791.7	3335.7	2879.8	2423.3	1967.3	1780.6	1593.8	1407.1	1220.3
32.5°	4772.5	4388.4	4003.6	3528.1	3052.5	2576.9	2101.4	1862.5	1623.6	1384.6	1145.7
35°	5290.1	4890.8	4491.5	3903.3	3315.5	2727.2	2138.9	1886.0	1632.5	1379.6	1126.1
37.5°	6255.3	5551.5	4847.1	4205.0	3562.8	2920.2	2278.0	1984.2	1690.3	1395.9	1102.0
40°	6787.5	6137.0	5486.4	4686.2	3885.9	3085.0	2284.8	1984.2	1683.0	1382.4	1081.2
42.5°	7496.9	6674.2	5851.0	4985.6	4120.9	3255.5	2390.2	2057.1	1723.9	1390.3	1057.1
45°	7929.3	7012.4	6094.9	5170.1	4245.4	3320.6	2395.8	2057.6	1719.5	1381.3	1043.1
47.5°	8208.1	7327.6	6446.5	5451.1	4455.7	3459.7	2464.2	2105.3	1745.8	1386.9	1027.4
50°	8472.2	7600.1	6727.5	5693.9	4660.9	3627.3	2593.8	2201.8	1809.7	1417.2	1025.2
52.5°	8796.3	7993.3	7189.6	6080.9	4971.6	3862.9	2753.6	2326.8	1900.0	1473.3	1046.5
55°	9268.0	8476.7	7684.8	6494.8	5304.2	4114.1	2923.5	2449.6	1976.3	1502.4	1028.5
57.5°	9573.6	8771.1	7968.6	6755.0	5541.4	4327.2	3113.6	2588.7	2063.8	1538.3	1013.4
60°	9472.1	8644.4	7816.0	6659.1	5502.1	4345.2	3188.2	2621.2	2054.8	1487.8	920.9
62.5°	9023.5	8143.6	7263.6	6227.3	5191.4	4155.1	3118.7	2542.2	1966.2	1389.7	813.2
65°	8396.5	7486.8	6576.6	5641.8	4706.9	3772.0	2837.2	2313.9	1790.1	1266.9	743.1
67.5°	7627.1	6678.7	5729.8	4902.1	4074.3	3246.0	2418.2	1980.8	1543.9	1106.5	669.0
70°	6661.9	5729.8	4797.8	4081.6	3365.4	2649.3	1933.1	1603.9	1275.3	946.1	616.9
72.5°	5354.6	4550.4	3746.2	3182.6	2619.0	2055.4	1491.8	1263.0	1034.7	805.9	577.1
75°	3808.5	3335.7	2862.9	2424.4	1985.8	1546.7	1108.2	960.1	812.1	664.0	515.9
77.5°	2706.5	2427.8	2149.0	1805.3	1461.5	1117.7	773.9	687.0	600.6	513.7	426.8
80°	2001.0	1768.2	1535.5	1276.4	1017.3	758.2	499.1	456.5	414.4	371.8	329.2
82.5°	1317.3	1212.5	1107.0	901.8	696.5	491.3	286.0	270.3	254.6	238.9	223.2
85°	590.0	623.1	655.6	530.0	403.8	278.2	152.0	144.7	137.4	130.1	122.8
87.5°	56.6	83.6	110.5	94.8	78.5	62.8	46.5	46.0	46.0	45.4	44.9
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



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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°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1467.1	1474.9	1482.8	1490.6	1482.2	1473.8	1464.8	1456.4	1445.8	1435.1	1423.9
5°	1745.2	1721.1	1697.6	1673.5	1637.6	1601.7	1565.2	1529.3	1524.8	1519.8	1515.3
7.5°	1619.6	1575.9	1531.6	1487.3	1431.2	1375.7	1319.6	1263.5	1246.7	1229.9	1213.0
10°	1474.9	1444.7	1414.9	1384.6	1349.9	1315.1	1279.8	1245.0	1199.0	1152.5	1106.5
12.5°	1462.6	1413.2	1363.3	1314.0	1292.7	1271.4	1250.1	1228.7	1188.4	1148.0	1107.0
15°	1384.1	1343.7	1303.9	1263.5	1232.7	1201.8	1171.0	1140.1	1107.6	1074.5	1042.0
17.5°	1328.6	1282.6	1236.6	1190.6	1155.3	1119.9	1084.1	1048.7	1009.5	969.6	930.4
20°	1270.8	1218.6	1165.9	1113.2	1068.3	1024.0	979.2	934.3	891.1	848.5	805.3
22.5°	1247.2	1178.3	1109.3	1040.3	993.2	945.5	898.4	850.8	810.9	771.1	731.3
25°	1283.1	1201.3	1118.8	1036.4	973.0	909.1	845.7	781.8	748.7	715.6	681.9
27.5°	1241.1	1137.9	1035.3	932.1	864.2	795.8	727.9	659.5	654.5	649.4	643.8
30°	1112.1	1003.9	895.6	787.4	725.1	662.3	600.1	537.3	525.5	513.1	501.4
32.5°	1035.3	924.8	814.3	703.8	648.3	592.2	536.7	480.6	467.2	453.7	440.2
35°	1006.1	886.1	766.1	646.1	598.4	550.7	503.0	455.4	445.8	436.9	427.3
37.5°	982.5	863.7	744.2	624.7	578.8	532.8	486.2	440.2	432.9	425.7	418.4
40°	960.1	839.5	718.4	597.3	556.3	515.9	475.0	434.1	429.6	425.1	420.0
42.5°	939.9	822.7	704.9	587.7	551.3	515.4	478.9	442.5	438.0	433.5	429.0
45°	928.7	814.3	699.9	585.5	559.1	532.8	505.9	479.5	468.8	458.2	447.0
47.5°	920.3	813.2	706.1	598.9	571.5	544.0	516.5	489.0	479.5	470.0	459.9
50°	922.0	819.3	716.2	613.0	579.9	546.2	513.1	479.5	478.4	477.3	476.1
52.5°	937.1	828.3	719.0	609.6	573.7	537.8	501.4	465.5	472.8	479.5	486.8
55°	915.2	802.0	688.1	574.8	540.6	507.0	472.8	438.6	448.1	457.1	466.6
57.5°	890.6	767.8	644.9	522.1	496.3	470.5	444.2	418.4	428.5	439.1	449.2
60°	808.7	696.5	584.4	472.2	454.8	437.4	420.0	402.7	407.1	411.6	416.1
62.5°	719.0	624.2	530.0	435.2	421.7	407.7	394.3	380.2	380.2	380.8	380.8
65°	661.8	580.4	499.1	417.8	402.7	387.5	371.8	356.7	354.4	352.2	349.9
67.5°	604.6	540.6	476.1	411.6	389.8	368.5	346.6	324.7	321.9	319.7	316.9
70°	559.7	502.5	445.3	388.1	363.4	339.3	314.6	289.9	287.7	286.0	283.8
72.5°	523.2	470.0	416.1	362.3	336.5	310.1	284.3	258.0	256.3	254.6	252.4
75°	468.3	421.2	373.5	325.8	300.6	275.9	250.7	225.4	223.2	221.5	219.3
77.5°	387.5	347.7	308.4	268.6	249.0	229.9	210.3	190.7	189.6	188.4	186.8
80°	298.4	267.5	236.1	205.3	192.4	178.9	166.0	152.5	152.0	151.4	150.3
82.5°	204.7	186.2	167.7	149.2	139.6	129.5	120.0	109.9	110.5	111.0	111.6
85°	116.6	109.9	103.8	97.0	89.2	81.9	74.0	66.2	67.9	69.5	70.7
87.5°	42.6	40.4	38.1	35.9	32.0	28.6	24.7	20.8	21.9	23.6	24.7
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580

CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1413.2	1396.4	1379.6	1362.8	1346.0	1311.2	1277.0	1242.2	1207.4	1228.7	1250.6
5°	1510.3	1481.7	1452.5	1423.9	1394.7	1378.5	1362.2	1346.0	1329.7	1338.1	1347.1
7.5°	1196.2	1179.4	1162.0	1145.2	1127.8	1120.5	1113.8	1106.5	1099.2	1119.9	1140.7
10°	1059.9	1036.4	1012.8	988.7	965.2	951.1	937.1	923.1	909.1	914.7	920.3
12.5°	1066.7	1031.9	997.1	962.4	927.6	906.8	886.1	865.3	844.6	849.6	854.7
15°	1008.9	973.0	937.1	901.2	865.3	841.2	816.5	792.4	767.8	759.3	750.4
17.5°	890.6	851.3	812.1	772.8	733.5	717.3	701.0	684.8	668.5	659.5	650.5
20°	762.1	725.7	689.2	652.8	616.3	605.1	593.9	582.1	570.9	565.3	559.1
22.5°	691.5	669.0	646.1	623.6	600.6	587.7	575.4	562.5	549.6	543.4	536.7
25°	648.9	653.3	658.4	662.9	667.4	661.8	655.6	650.0	643.8	646.1	647.7
27.5°	638.8	648.3	658.4	667.9	677.5	682.5	687.6	692.6	697.7	699.3	701.0
30°	489.0	494.1	498.6	503.6	508.1	522.1	536.1	549.6	563.6	585.5	607.9
32.5°	426.8	425.1	423.4	421.2	419.5	422.9	426.2	429.0	432.4	440.2	448.7
35°	417.8	413.9	409.4	405.5	401.0	402.7	404.3	406.0	407.7	413.9	420.0
37.5°	411.1	409.4	408.3	406.6	404.9	408.8	412.2	416.1	419.5	424.5	429.6
40°	415.6	415.0	414.4	413.3	412.8	415.0	417.2	419.5	421.7	428.5	435.2
42.5°	424.5	424.5	424.0	424.0	423.4	425.7	427.3	429.6	431.3	435.2	439.1
45°	436.3	435.2	434.6	433.5	432.4	431.8	431.8	431.3	430.7	432.9	435.8
47.5°	450.3	446.4	441.9	438.0	433.5	432.4	430.7	429.6	427.9	429.0	430.1
50°	475.0	464.4	454.3	443.6	432.9	430.1	427.3	424.5	421.7	421.2	421.2
52.5°	493.5	477.8	462.1	446.4	430.7	425.7	420.6	415.6	410.5	409.4	408.8
55°	475.6	463.8	452.6	440.8	429.0	421.7	413.9	406.6	398.7	397.1	395.4
57.5°	459.3	452.0	444.7	437.4	430.1	422.9	415.0	407.7	399.9	395.9	392.0
60°	420.6	420.6	421.2	421.2	421.2	413.3	405.5	397.6	389.8	385.8	382.5
62.5°	380.8	387.0	392.6	398.7	404.3	393.7	382.5	371.8	360.6	357.8	355.6
65°	347.7	349.4	351.6	353.3	355.0	346.6	338.2	329.8	321.3	319.7	317.4
67.5°	314.1	313.5	312.9	311.8	311.3	306.2	300.6	295.5	289.9	287.7	285.5
70°	281.5	281.0	280.4	279.3	278.7	274.2	269.8	265.3	260.8	259.1	257.4
72.5°	250.7	250.1	249.0	248.4	247.3	243.4	240.0	236.1	232.2	229.9	227.7
75°	217.0	215.9	214.8	213.7	212.5	209.2	205.8	201.9	198.5	196.3	194.0
77.5°	185.6	183.9	182.3	180.0	178.3	175.5	172.2	169.4	166.0	163.2	161.0
80°	149.7	148.6	147.5	145.8	144.7	141.9	139.1	135.7	132.9	129.5	126.7
82.5°	112.2	111.6	110.5	109.9	108.8	106.0	103.2	100.4	97.6	94.2	90.9
85°	72.3	71.8	71.2	70.7	70.1	67.9	66.2	63.9	61.7	58.3	55.5
87.5°	25.8	24.7	24.1	23.0	21.9	21.3	20.2	19.6	18.5	16.8	15.1
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580

CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1271.9	1293.2	1293.8	1293.8	1303.9	1313.4	1293.8	1274.2	1254.0	1234.3	1214.7
5°	1355.5	1363.9	1361.7	1358.8	1346.5	1334.2	1321.3	1308.4	1295.5	1282.6	1283.1
7.5°	1161.4	1182.2	1199.0	1215.3	1199.6	1183.9	1175.5	1167.1	1158.6	1150.2	1149.1
10°	925.3	930.9	937.7	943.8	934.3	924.2	941.0	957.9	974.1	991.0	972.4
12.5°	859.7	864.8	853.0	840.7	836.7	832.8	828.9	824.4	820.5	816.0	813.7
15°	742.0	733.0	724.0	714.5	712.2	709.4	706.6	703.3	700.5	697.1	687.0
17.5°	641.6	632.6	617.5	601.8	595.6	588.9	587.2	585.5	583.2	581.6	572.0
20°	553.5	547.4	543.4	538.9	532.8	526.6	520.4	514.3	507.5	501.4	492.4
22.5°	530.5	523.8	518.8	513.1	512.0	510.9	499.7	487.9	476.7	464.9	459.9
25°	650.0	651.7	620.8	589.4	586.6	583.8	563.6	542.9	522.7	501.9	484.5
27.5°	702.1	703.8	702.7	701.6	692.6	683.1	648.9	614.1	579.9	545.1	520.4
30°	629.8	651.7	660.1	668.5	662.3	655.6	619.7	584.4	548.5	512.6	496.3
32.5°	456.5	464.4	478.4	491.8	499.1	505.9	494.6	483.4	472.2	461.0	458.2
35°	425.7	431.8	434.6	437.4	432.9	428.5	420.0	411.6	402.7	394.3	392.6
37.5°	434.1	439.1	444.7	450.3	438.0	425.1	415.6	406.6	397.1	387.5	379.7
40°	441.9	448.7	452.0	455.4	443.0	430.7	418.9	407.7	395.9	384.2	376.3
42.5°	443.0	447.0	453.1	459.3	441.9	424.0	413.3	402.1	391.4	380.2	372.4
45°	438.0	440.2	445.8	451.5	431.3	410.5	401.0	390.9	381.4	371.3	364.5
47.5°	430.7	431.8	436.3	440.2	418.9	397.1	388.1	379.1	369.6	360.6	353.9
50°	420.6	420.0	423.4	426.2	404.3	382.5	373.5	365.1	356.1	347.1	341.5
52.5°	407.7	406.6	410.0	412.8	389.8	366.8	358.9	351.6	343.8	335.9	331.4
55°	393.1	391.4	394.3	397.1	374.6	351.6	344.9	337.6	330.9	323.6	319.7
57.5°	387.5	383.6	385.3	387.0	361.7	336.5	329.8	323.0	316.3	309.6	306.8
60°	378.5	374.6	376.3	377.4	350.5	323.0	316.9	310.1	304.0	297.2	294.4
62.5°	352.8	349.9	352.2	354.4	330.3	305.6	300.0	295.0	289.4	283.8	279.8
65°	315.7	313.5	318.0	322.5	301.7	281.0	277.6	274.2	270.3	266.9	263.0
67.5°	283.2	281.0	285.5	289.9	274.8	259.7	256.3	252.9	249.6	246.2	244.0
70°	255.7	254.0	258.0	261.9	249.0	236.1	232.7	229.9	226.6	223.2	221.5
72.5°	224.9	222.6	227.7	232.2	221.5	210.3	207.5	204.1	201.3	198.0	196.8
75°	191.8	189.6	194.0	198.0	190.7	182.8	180.0	177.2	174.4	171.6	171.0
77.5°	158.1	155.3	159.8	163.8	159.3	154.2	152.0	149.2	146.9	144.1	144.1
80°	123.4	120.0	123.4	126.2	124.5	122.8	121.1	118.9	117.2	115.0	115.5
82.5°	87.5	84.1	85.8	87.5	88.6	89.7	89.7	89.7	89.7	89.7	89.7
85°	52.2	48.8	49.4	49.9	51.6	53.3	53.8	54.4	55.0	55.5	56.1
87.5°	13.5	11.8	10.7	9.0	10.7	11.8	12.9	13.5	14.6	15.1	15.1
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1195.1	1174.9	1155.3	1167.6	1179.4	1191.7	1203.5	1204.1	1204.1	1204.6	1204.6
5°	1284.3	1284.8	1285.4	1273.6	1262.4	1250.6	1238.8	1232.7	1226.5	1219.8	1213.6
7.5°	1147.4	1146.3	1144.6	1133.4	1122.2	1111.0	1099.8	1072.8	1045.4	1018.4	991.0
10°	953.4	934.9	915.8	911.3	907.4	902.9	898.4	891.1	884.4	877.1	869.8
12.5°	811.5	809.3	807.0	795.2	783.5	771.1	759.3	759.3	759.3	759.3	759.3
15°	676.3	666.2	655.6	650.0	643.8	638.2	632.0	629.2	626.4	623.6	620.8
17.5°	561.9	552.4	542.3	541.2	540.1	538.9	537.8	535.0	532.2	529.4	526.6
20°	483.4	474.4	465.5	468.8	472.2	475.0	478.4	475.6	472.8	469.4	466.6
22.5°	454.3	449.2	443.6	440.8	438.0	434.6	431.8	431.8	432.4	432.4	432.4
25°	467.7	450.3	432.9	424.5	416.1	407.1	398.7	395.4	392.6	389.2	385.8
27.5°	495.8	470.5	445.8	431.3	416.7	402.1	387.5	381.4	374.6	368.5	361.7
30°	479.5	463.2	446.4	429.6	412.8	395.9	379.1	371.3	363.4	355.0	347.1
32.5°	455.4	452.0	449.2	433.5	417.8	401.5	385.8	382.5	379.7	376.3	372.9
35°	390.3	388.6	386.4	382.5	378.5	374.6	370.7	366.2	361.7	357.2	352.8
37.5°	372.4	364.5	356.7	355.0	353.3	351.6	349.9	348.3	346.6	344.3	342.7
40°	368.5	360.6	352.8	349.9	347.1	343.8	341.0	341.5	342.7	343.2	343.8
42.5°	364.0	356.1	347.7	345.5	343.2	341.0	338.7	339.3	340.4	341.0	341.5
45°	358.4	351.6	344.9	341.0	337.6	333.7	329.8	333.1	336.5	339.3	342.7
47.5°	347.1	339.9	333.1	330.9	328.6	325.8	323.6	327.0	330.3	333.1	336.5
50°	335.4	329.8	323.6	323.0	322.5	321.3	320.8	323.0	325.3	327.5	329.8
52.5°	326.4	321.9	316.9	316.9	316.3	316.3	315.7	318.0	320.2	321.9	324.1
55°	316.3	312.4	308.4	309.0	310.1	310.7	311.3	313.5	316.3	318.5	320.8
57.5°	303.4	300.6	297.2	299.5	301.2	303.4	305.1	306.8	309.0	310.7	312.4
60°	291.1	288.3	284.9	287.1	289.9	292.2	294.4	296.1	297.8	299.5	301.2
62.5°	275.9	271.4	267.5	270.9	273.7	277.0	279.8	281.0	282.6	283.8	284.9
65°	259.7	255.7	251.8	254.0	256.3	258.0	260.2	261.9	263.6	265.3	266.9
67.5°	241.1	238.9	236.1	237.8	239.5	241.1	242.8	243.4	243.4	244.0	244.0
70°	219.3	217.6	215.4	216.5	218.2	219.3	220.4	220.4	220.4	219.8	219.8
72.5°	196.3	195.2	194.0	194.6	195.7	196.3	196.8	196.3	195.7	195.2	194.6
75°	170.5	169.9	169.4	169.9	171.0	171.6	172.2	171.6	170.5	169.9	168.8
77.5°	144.7	144.7	144.7	144.7	145.3	145.3	145.3	144.1	143.0	141.9	140.8
80°	116.1	116.6	117.2	117.2	117.2	117.2	117.2	116.1	115.0	113.3	112.2
82.5°	89.7	89.7	89.7	89.7	90.3	90.3	90.3	87.5	85.2	82.4	79.6
85°	56.1	56.6	56.6	57.2	57.8	57.8	58.3	54.4	51.0	47.1	43.2
87.5°	15.1	15.1	15.1	15.1	15.1	14.6	14.6	11.2	7.3	3.9	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580
 CATALOG NUMBER: MSA-SA2D-740-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: P367580

CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1208.0	1211.4	1214.2	1217.5	1218.1	1218.6	1218.6	1219.2	1207.4	1195.7	1183.3
5°	1222.0	1229.9	1238.3	1246.1	1244.4	1242.8	1241.1	1239.4	1236.0	1233.2	1229.9
7.5°	984.8	979.2	973.0	966.8	971.9	976.9	982.0	987.0	989.3	991.5	993.2
10°	855.8	841.8	827.8	813.7	805.9	797.5	789.6	781.2	780.1	779.5	778.4
12.5°	744.8	729.6	715.0	699.9	695.4	690.4	685.9	680.8	685.3	689.8	693.7
15°	614.7	609.0	602.9	596.7	601.8	606.8	611.8	616.9	621.4	625.3	629.8
17.5°	523.8	521.6	518.8	515.9	520.4	525.5	530.0	534.5	544.5	554.6	564.7
20°	464.4	462.7	460.4	458.2	456.5	454.3	452.6	450.3	464.9	478.9	493.5
22.5°	429.0	425.7	422.3	418.9	419.5	420.0	420.0	420.6	432.4	444.7	456.5
25°	384.7	383.6	382.5	381.4	384.7	388.1	390.9	394.3	404.9	415.6	425.7
27.5°	362.3	362.8	363.4	364.0	368.5	373.5	378.0	382.5	389.8	397.1	404.3
30°	349.9	353.3	356.1	358.9	360.6	362.3	364.0	365.6	372.9	379.7	387.0
32.5°	368.5	364.0	358.9	354.4	356.7	359.5	361.7	364.0	370.7	377.4	384.2
35°	351.1	348.8	347.1	344.9	347.7	350.5	352.8	355.6	361.7	367.3	373.5
37.5°	342.1	341.5	341.0	340.4	342.1	343.8	344.9	346.6	352.2	357.8	362.8
40°	341.5	338.7	336.5	333.7	335.4	337.0	338.2	339.9	346.6	353.3	360.0
42.5°	338.2	334.8	330.9	327.5	329.2	331.4	333.1	334.8	342.1	348.8	356.1
45°	337.6	332.6	327.0	321.9	324.1	326.4	328.6	330.9	336.5	342.1	347.1
47.5°	331.4	326.4	321.3	316.3	317.4	318.5	319.1	320.2	325.3	329.8	334.8
50°	326.4	322.5	319.1	315.2	313.5	312.4	310.7	309.0	312.9	316.9	320.8
52.5°	320.2	316.3	311.8	307.9	305.6	303.4	301.2	298.9	302.3	305.1	308.4
55°	316.3	311.3	306.8	301.7	298.9	296.1	293.3	290.5	292.7	294.4	296.7
57.5°	307.9	303.4	298.4	293.9	290.5	287.1	283.2	279.8	281.0	282.1	283.2
60°	296.7	291.6	287.1	282.1	278.2	274.2	269.8	265.8	266.4	267.5	268.1
62.5°	280.4	275.9	270.9	266.4	261.9	258.0	253.5	249.0	250.1	250.7	251.8
65°	262.5	257.4	252.9	247.9	244.0	240.0	235.5	231.6	232.7	233.9	234.4
67.5°	240.6	236.7	233.3	229.4	226.0	222.1	218.7	214.8	215.4	215.9	216.5
70°	217.0	213.7	210.9	207.5	204.7	201.9	199.1	196.3	196.3	196.8	196.8
72.5°	191.8	189.0	186.2	183.4	180.6	178.3	175.5	172.7	173.9	175.0	175.5
75°	166.0	163.8	161.0	158.1	155.9	153.7	150.9	148.6	149.7	150.9	151.4
77.5°	139.1	137.4	135.2	133.5	131.2	129.0	126.2	123.9	125.1	126.2	126.7
80°	111.0	109.9	108.2	107.1	104.9	102.6	100.4	98.1	98.7	98.7	99.3
82.5°	80.2	80.8	80.8	81.3	79.6	77.4	75.7	73.5	73.5	73.5	72.9
85°	44.9	47.1	48.8	50.5	48.8	47.1	45.4	43.7	43.2	43.2	42.6
87.5°	1.7	2.8	4.5	5.6	5.0	4.5	3.4	2.8	3.4	3.9	3.9
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580

CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1171.5	1181.1	1190.6	1200.1	1209.7	1224.3	1238.8	1254.0	1269.1	1260.7	1251.7
5°	1226.5	1232.1	1238.3	1243.9	1249.5	1265.8	1281.5	1301.1	1320.2	1317.9	1315.1
7.5°	995.4	1003.3	1011.1	1018.4	1026.3	1051.0	1075.6	1096.4	1117.1	1114.3	1111.0
10°	777.3	793.5	810.4	826.6	842.9	863.1	882.7	900.1	917.5	946.7	975.3
12.5°	698.2	723.4	748.7	773.9	799.2	813.7	827.8	850.2	872.6	888.3	904.6
15°	633.7	657.3	680.8	704.4	727.9	729.1	730.2	753.7	777.3	790.7	803.6
17.5°	574.8	587.7	600.6	613.0	625.9	621.4	616.9	628.1	638.8	644.4	650.5
20°	507.5	516.5	525.5	534.5	543.4	549.6	555.2	561.9	568.1	562.5	556.3
22.5°	468.3	481.7	495.8	509.2	522.7	526.6	530.0	526.0	522.1	520.4	518.8
25°	436.3	452.6	469.4	485.7	501.9	509.8	517.6	521.0	523.8	517.6	511.5
27.5°	411.6	431.3	450.3	470.0	489.0	503.0	517.1	521.0	524.4	519.9	514.8
30°	393.7	415.0	436.3	457.6	478.9	500.2	521.0	539.5	557.4	555.8	554.1
32.5°	390.9	405.5	420.0	434.6	449.2	462.7	475.6	476.7	477.3	472.8	467.7
35°	379.1	388.6	398.2	407.7	417.2	425.7	433.5	432.4	431.3	426.8	422.3
37.5°	368.5	378.0	388.1	397.6	407.1	421.7	435.8	432.9	429.6	425.1	420.6
40°	366.8	377.4	388.1	398.2	408.8	422.3	435.8	432.9	430.1	424.5	418.9
42.5°	362.8	373.5	383.6	394.3	404.3	420.6	436.3	431.3	425.7	421.2	416.7
45°	352.8	362.3	371.8	381.4	390.9	408.3	425.7	419.5	413.3	411.6	409.4
47.5°	339.3	348.8	358.4	367.9	377.4	394.8	411.6	406.6	401.0	400.4	399.3
50°	324.7	333.7	343.2	352.2	361.2	378.5	395.4	390.9	386.4	387.0	387.0
52.5°	311.3	319.7	327.5	335.9	343.8	361.2	378.0	374.6	370.7	371.8	372.4
55°	298.4	305.1	311.8	318.5	325.3	342.1	358.9	353.9	348.8	350.5	352.2
57.5°	284.3	289.9	295.5	300.6	306.2	323.0	339.3	333.7	327.5	330.3	332.6
60°	268.6	273.7	278.7	283.2	288.3	303.4	318.0	312.9	307.3	311.3	314.6
62.5°	252.4	256.3	260.2	264.1	268.1	282.1	296.1	292.2	288.3	292.7	296.7
65°	235.5	238.3	241.7	244.5	247.3	260.8	273.7	270.9	268.1	272.0	275.9
67.5°	217.0	219.3	222.1	224.3	226.6	238.9	251.2	248.4	245.1	248.4	251.2
70°	196.8	199.1	200.8	203.0	204.7	215.9	227.1	223.2	218.7	222.1	224.9
72.5°	176.7	177.8	179.5	180.6	181.7	190.1	198.5	195.2	191.8	195.2	198.0
75°	152.5	153.7	154.8	155.9	157.0	164.3	171.0	167.1	162.6	166.0	169.4
77.5°	127.9	128.4	129.5	130.1	130.7	135.7	140.2	136.3	131.8	135.7	139.6
80°	99.3	99.8	100.4	100.4	100.9	102.6	104.3	101.5	98.1	103.2	108.2
82.5°	72.9	72.3	72.3	71.8	71.2	71.2	70.7	69.0	66.7	71.2	75.7
85°	42.1	41.5	40.4	39.8	38.7	37.0	35.3	34.8	34.2	38.1	42.1
87.5°	4.5	3.9	2.8	2.2	1.1	0.6	0.0	0.0	0.0	2.2	5.0
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580

CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1243.3	1234.3	1225.9	1217.5	1209.1	1200.7	1216.4	1232.1	1247.8	1263.5	1277.5
5°	1312.9	1310.1	1302.8	1296.0	1288.7	1281.5	1285.4	1289.9	1293.8	1297.7	1306.1
7.5°	1108.2	1104.8	1120.5	1135.6	1151.3	1166.5	1170.4	1173.8	1177.7	1181.1	1178.8
10°	1004.4	1033.0	1040.3	1047.0	1054.3	1061.1	1072.3	1083.5	1094.1	1105.4	1111.5
12.5°	920.3	936.0	961.8	988.2	1013.9	1039.7	1056.6	1073.4	1090.2	1107.0	1141.8
15°	817.1	830.0	849.6	869.3	888.9	908.5	932.6	957.3	981.4	1005.5	1043.7
17.5°	656.2	661.8	676.3	690.9	704.9	719.5	752.0	784.0	816.5	848.5	892.3
20°	550.7	544.5	544.5	545.1	545.1	545.1	577.6	609.6	642.1	674.1	731.9
22.5°	516.5	514.8	508.7	501.9	495.8	489.0	505.9	523.2	540.1	556.9	604.0
25°	504.7	498.6	490.7	482.9	475.0	467.2	477.8	488.5	499.1	509.8	546.8
27.5°	510.3	505.3	509.2	512.6	516.5	519.9	523.2	526.6	530.0	533.3	546.2
30°	552.4	550.7	556.9	562.5	568.7	574.3	566.4	559.1	551.3	543.4	547.9
32.5°	463.2	458.2	455.9	453.7	451.5	449.2	448.7	448.1	447.0	446.4	456.5
35°	417.8	413.3	410.0	406.6	402.7	399.3	401.0	402.1	403.8	404.9	416.1
37.5°	416.1	411.6	407.7	403.8	399.3	395.4	397.1	399.3	401.0	402.7	411.1
40°	413.3	407.7	405.5	403.2	401.0	398.7	399.9	401.0	401.5	402.7	408.8
42.5°	411.6	407.1	406.0	404.9	403.8	402.7	403.8	404.9	405.5	406.6	413.9
45°	407.7	405.5	406.6	407.7	408.8	410.0	410.0	410.0	410.0	410.0	417.8
47.5°	398.7	397.6	401.0	404.3	407.7	411.1	416.7	422.3	427.3	432.9	434.6
50°	387.5	387.5	393.1	398.7	403.8	409.4	422.9	435.8	449.2	462.1	453.7
52.5°	373.5	374.1	382.5	390.3	398.7	406.6	418.9	431.3	443.0	455.4	443.0
55°	353.3	355.0	365.6	375.7	386.4	396.5	406.0	415.6	425.1	434.6	421.7
57.5°	335.4	337.6	348.8	359.5	370.7	381.4	387.0	393.1	398.7	404.3	395.9
60°	318.5	321.9	336.5	351.1	365.1	379.7	375.2	370.7	365.6	361.2	360.6
62.5°	301.2	305.1	318.5	332.0	344.9	358.4	351.6	344.9	337.6	330.9	333.7
65°	279.3	283.2	289.4	295.5	301.2	307.3	306.8	306.8	306.2	305.6	311.3
67.5°	254.6	257.4	261.3	264.7	268.6	272.0	274.2	277.0	279.3	281.5	288.3
70°	228.3	231.1	235.0	238.3	242.3	245.6	248.4	251.2	253.5	256.3	263.0
72.5°	201.3	204.1	208.1	212.0	215.4	219.3	221.5	223.8	225.4	227.7	233.3
75°	172.7	176.1	180.0	183.4	187.3	190.7	192.4	194.0	195.7	197.4	202.5
77.5°	143.6	147.5	151.4	155.3	159.3	163.2	163.8	164.3	164.9	165.4	169.9
80°	112.7	117.8	121.7	125.6	129.5	133.5	133.5	133.5	133.5	133.5	135.7
82.5°	80.2	84.7	89.2	93.1	97.6	101.5	101.5	100.9	100.9	100.4	100.4
85°	46.0	49.9	52.7	56.1	58.9	61.7	61.7	61.7	61.1	61.1	60.0
87.5°	7.3	9.5	10.7	12.3	13.5	14.6	14.0	14.0	13.5	12.9	11.2
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580

CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1291.6	1305.6	1319.6	1317.3	1315.1	1312.9	1310.6	1319.0	1326.9	1335.3	1343.1
5°	1314.0	1322.4	1330.2	1336.4	1342.6	1348.8	1354.9	1383.5	1411.6	1440.2	1468.2
7.5°	1176.6	1173.8	1171.5	1197.9	1224.8	1251.2	1277.5	1314.0	1350.4	1386.9	1423.3
10°	1117.7	1123.9	1130.0	1140.7	1151.9	1162.6	1173.2	1209.1	1245.0	1280.9	1316.8
12.5°	1176.0	1210.8	1245.0	1253.4	1262.4	1270.8	1279.2	1286.5	1293.8	1300.5	1307.8
15°	1081.8	1119.9	1158.1	1179.9	1201.8	1223.1	1245.0	1300.0	1354.4	1409.3	1463.7
17.5°	935.4	979.2	1022.4	1076.2	1130.0	1183.9	1237.7	1288.2	1338.7	1388.6	1439.0
20°	789.6	846.8	904.6	963.5	1021.8	1080.7	1139.0	1188.4	1237.7	1286.5	1335.9
22.5°	650.5	697.7	744.2	816.0	887.2	959.0	1030.2	1122.2	1213.6	1305.6	1397.0
25°	583.2	620.3	656.7	730.7	804.8	878.2	952.3	1071.7	1190.6	1310.1	1429.0
27.5°	559.7	572.6	585.5	652.8	719.5	786.8	853.6	982.5	1111.5	1240.0	1368.9
30°	552.4	556.9	561.4	614.1	666.8	719.5	772.2	899.5	1027.4	1154.7	1282.0
32.5°	466.0	476.1	485.7	537.3	588.3	639.9	690.9	819.3	947.2	1075.6	1203.5
35°	427.3	438.6	449.8	500.2	550.7	600.6	651.1	786.3	922.0	1057.1	1192.3
37.5°	419.5	427.9	436.3	493.5	550.7	607.9	665.1	802.0	938.8	1075.6	1212.5
40°	415.6	421.7	427.9	483.4	539.5	595.0	650.5	794.1	937.1	1080.7	1223.7
42.5°	420.6	427.9	434.6	485.1	535.0	585.5	635.4	784.0	932.1	1080.7	1228.7
45°	425.1	432.9	440.2	487.3	534.5	581.6	628.7	787.4	945.5	1104.2	1262.4
47.5°	435.8	437.4	438.6	479.5	519.9	560.8	601.2	762.7	924.2	1085.2	1246.7
50°	444.7	436.3	427.3	470.0	512.0	554.6	596.7	749.8	902.9	1055.4	1208.6
52.5°	430.7	417.8	405.5	451.5	497.4	542.9	588.9	742.0	895.6	1048.7	1201.8
55°	409.4	396.5	383.6	430.1	476.7	523.2	569.8	722.3	875.4	1028.0	1180.5
57.5°	388.1	379.7	371.3	409.4	448.1	486.2	524.4	689.8	854.7	1020.1	1185.0
60°	360.0	358.9	358.4	388.1	418.4	448.1	477.8	639.9	801.4	963.5	1125.0
62.5°	335.9	338.7	341.0	365.1	389.2	412.8	436.9	593.3	750.4	906.8	1063.3
65°	317.4	323.0	328.6	356.1	383.6	410.5	438.0	569.2	700.5	831.7	962.9
67.5°	295.0	301.7	308.4	344.3	380.2	416.1	452.0	560.3	668.5	776.7	885.0
70°	269.2	275.9	282.1	328.1	373.5	419.5	464.9	560.8	657.3	753.2	849.1
72.5°	238.9	244.5	250.1	299.5	348.8	398.2	447.5	528.8	610.2	690.9	772.2
75°	208.1	213.1	218.2	260.8	303.4	346.0	388.6	451.5	513.7	576.5	638.8
77.5°	173.9	178.3	182.3	210.9	239.5	268.1	296.7	344.9	392.6	440.8	488.5
80°	138.0	140.2	142.4	159.3	175.5	192.4	208.6	240.6	272.6	304.0	335.9
82.5°	100.9	100.9	100.9	111.6	122.8	133.5	144.1	160.4	176.1	192.4	208.1
85°	58.9	57.2	56.1	63.4	70.7	78.0	85.2	92.0	98.7	105.4	112.2
87.5°	9.5	7.3	5.6	10.1	14.6	19.1	23.6	25.8	28.6	30.8	33.1
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580

CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1324.1	1305.6	1286.5	1267.4	1295.5	1323.5	1351.6	1379.6	1454.2	1498.5	1501.3
5°	1491.8	1515.3	1538.9	1562.4	1586.0	1609.5	1632.5	1656.1	1777.2	1851.8	1865.8
7.5°	1462.0	1501.3	1540.0	1578.7	1645.4	1712.2	1778.9	1845.6	1948.3	2022.3	2071.1
10°	1365.0	1413.2	1461.5	1509.7	1588.8	1668.4	1747.5	1826.6	1935.4	2032.9	2079.5
12.5°	1384.6	1461.5	1537.7	1614.6	1683.0	1752.0	1820.4	1888.8	1964.0	2001.0	2085.7
15°	1517.0	1570.3	1623.6	1676.8	1780.0	1882.6	1985.8	2088.5	2131.1	2215.8	2292.0
17.5°	1537.2	1634.8	1732.9	1830.5	1956.7	2082.9	2209.0	2335.2	2414.3	2523.7	2615.6
20°	1474.4	1612.3	1750.9	1888.8	2051.5	2214.6	2377.3	2539.9	2640.3	2732.3	2874.7
22.5°	1549.5	1702.1	1854.0	2006.6	2222.5	2437.9	2653.8	2869.1	3078.9	3284.1	3380.6
25°	1632.5	1836.7	2040.2	2243.8	2513.6	2782.8	3052.5	3321.7	3591.4	3783.8	3894.8
27.5°	1574.2	1778.9	1984.2	2188.9	2522.5	2856.8	3190.5	3524.1	3813.0	4044.6	4139.9
30°	1533.3	1784.5	2035.7	2287.0	2678.4	3069.9	3461.3	3852.8	4119.7	4378.3	4518.5
32.5°	1526.0	1848.4	2170.3	2492.8	2948.8	3404.1	3860.1	4315.5	4492.7	4722.0	4911.0
35°	1546.2	1900.6	2254.5	2608.3	3131.0	3653.7	4175.8	4698.5	4950.3	5177.4	5342.9
37.5°	1607.8	2003.2	2398.0	2793.4	3423.2	4053.6	4683.3	5313.1	5735.4	6151.0	6225.0
40°	1642.6	2062.1	2481.0	2900.0	3632.4	4364.8	5097.2	5829.6	6315.3	6771.3	6802.1
42.5°	1683.6	2138.4	2592.6	3047.5	3859.5	4672.1	5484.2	6296.2	6897.4	7387.6	7402.2
45°	1730.7	2198.4	2666.7	3134.4	3982.3	4829.7	5677.7	6525.1	7251.9	7847.5	7702.2
47.5°	1749.2	2252.2	2754.7	3257.2	4161.2	5064.7	5968.7	6872.2	7524.4	8066.2	7927.1
50°	1756.5	2304.9	2852.9	3400.8	4337.3	5274.4	6211.0	7147.6	7811.0	8339.3	8126.2
52.5°	1801.9	2402.0	3002.0	3602.1	4577.9	5553.7	6529.5	7505.4	8158.1	8665.7	8401.0
55°	1863.0	2545.5	3227.5	3910.0	4920.0	5929.5	6939.5	7949.0	8604.0	9076.2	8748.1
57.5°	1919.7	2654.9	3389.6	4124.2	5170.7	6217.7	7264.2	8310.7	8974.1	9441.3	9123.3
60°	1892.2	2659.4	3426.6	4193.8	5222.3	6250.3	7278.8	8306.8	9059.9	9620.2	9457.5
62.5°	1809.2	2555.1	3300.4	4046.3	5022.6	5998.5	6974.8	7950.6	8832.2	9550.6	9543.3
65°	1649.3	2335.8	3021.7	3708.1	4611.6	5515.6	6419.1	7322.5	8361.7	9234.3	9291.0
67.5°	1454.7	2024.5	2594.3	3164.1	4014.9	4865.6	5716.4	6567.1	7678.1	8641.0	8689.8
70°	1266.3	1684.1	2101.4	2518.6	3265.6	4012.6	4759.1	5506.1	6628.2	7602.4	7647.2
72.5°	1045.4	1318.5	1591.0	1864.1	2469.3	3074.4	3678.9	4284.0	5269.4	6018.6	6271.6
75°	800.8	962.9	1125.0	1287.1	1776.7	2266.2	2755.3	3244.9	3899.9	4452.9	4737.7
77.5°	572.6	656.7	740.8	825.0	1241.1	1657.2	2072.8	2488.9	2833.2	3146.7	3339.1
80°	375.7	415.0	454.8	494.1	840.1	1186.1	1531.6	1877.6	2087.3	2255.6	2352.6
82.5°	227.7	247.3	266.4	286.0	566.4	846.8	1126.7	1407.1	1527.1	1607.3	1693.7
85°	122.8	133.5	144.1	154.8	334.8	514.3	694.3	873.7	885.5	895.1	1023.5
87.5°	35.9	39.3	42.1	44.9	74.0	103.8	132.9	162.1	100.9	62.8	129.0
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580

CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1485.0	1477.7	1470.5	1462.6	1455.3	1424.5	1394.2	1363.3	1332.5	1362.2	1391.4
5°	1849.6	1872.0	1893.9	1916.3	1938.7	1940.4	1941.5	1943.2	1944.3	1949.9	1955.6
7.5°	2112.0	2151.8	2191.1	2230.9	2270.7	2301.6	2332.4	2363.8	2394.7	2366.6	2338.6
10°	2134.5	2218.6	2302.7	2386.8	2470.9	2486.1	2500.7	2515.8	2530.9	2551.1	2570.8
12.5°	2156.9	2259.5	2361.6	2464.2	2566.8	2611.7	2656.0	2700.9	2745.2	2767.0	2788.4
15°	2394.1	2454.7	2514.7	2575.3	2635.3	2666.1	2696.4	2727.2	2758.1	2776.6	2794.5
17.5°	2699.2	2721.6	2743.5	2765.9	2788.4	2809.1	2829.9	2850.6	2871.4	2874.7	2878.1
20°	2977.4	2981.8	2985.8	2990.3	2994.2	2950.4	2907.3	2863.5	2819.8	2827.6	2834.9
22.5°	3394.6	3369.9	3345.8	3321.1	3297.0	3214.6	3132.7	3050.3	2968.4	2933.1	2898.3
25°	4022.7	3959.9	3897.1	3834.3	3771.5	3640.2	3509.6	3378.3	3247.7	3170.8	3094.6
27.5°	4225.2	4088.3	3952.0	3815.2	3678.4	3579.1	3480.4	3381.1	3282.4	3160.7	3039.0
30°	4634.6	4418.6	4203.3	3987.4	3771.5	3675.6	3579.7	3483.2	3387.3	3262.8	3138.9
32.5°	4997.4	4773.1	4548.8	4323.9	4099.5	3917.8	3736.1	3554.4	3372.7	3288.6	3204.5
35°	5417.4	5135.4	4853.3	4571.2	4289.1	4133.2	3977.8	3821.9	3666.6	3539.3	3412.5
37.5°	6029.3	5729.3	5429.2	5128.6	4828.6	4617.7	4407.4	4196.6	3986.3	3916.2	3846.6
40°	6612.5	6258.1	5904.2	5549.8	5195.9	5034.4	4872.9	4710.8	4549.3	4431.0	4312.6
42.5°	7101.0	6750.5	6400.6	6050.0	5700.1	5582.3	5465.1	5347.3	5230.1	5132.6	5035.0
45°	7268.7	6982.7	6697.2	6411.2	6125.2	6083.7	6042.8	6001.3	5960.3	5888.0	5815.6
47.5°	7538.4	7246.8	6955.8	6664.1	6372.5	6387.7	6402.8	6418.5	6433.6	6437.6	6440.9
50°	7697.2	7420.1	7143.6	6866.6	6590.1	6663.6	6736.5	6809.9	6883.4	7050.0	7216.0
52.5°	7928.8	7656.8	7385.3	7113.3	6841.4	6965.9	7089.8	7214.3	7338.2	7571.5	7804.8
55°	8219.3	7959.1	7699.4	7439.2	7179.5	7300.7	7421.2	7542.4	7662.9	7922.6	8182.3
57.5°	8604.5	8325.8	8047.7	7768.9	7490.8	7602.4	7713.4	7825.0	7936.1	8182.8	8429.6
60°	9043.1	8740.3	8437.4	8134.0	7831.2	7862.0	7892.3	7923.2	7953.4	8221.0	8487.9
62.5°	9258.5	8978.0	8698.2	8417.8	8137.4	8051.6	7965.8	7879.4	7793.6	8033.1	8272.0
65°	9071.7	8878.8	8686.4	8493.5	8300.6	8149.2	7998.3	7846.9	7695.5	7845.2	7994.4
67.5°	8477.2	8367.9	8259.1	8149.7	8040.4	7786.3	7532.3	7277.7	7023.6	7033.7	7043.2
70°	7513.8	7484.6	7456.0	7426.8	7397.7	7015.8	6634.4	6252.5	5870.6	5812.3	5753.9
72.5°	6292.9	6311.9	6330.5	6349.5	6368.6	5958.1	5547.6	5137.0	4726.5	4629.5	4532.5
75°	4874.0	4979.5	5084.9	5190.9	5296.3	4903.7	4511.2	4118.0	3725.5	3606.0	3486.6
77.5°	3444.0	3640.8	3837.1	4033.9	4230.8	3875.8	3521.3	3166.3	2811.4	2734.0	2656.6
80°	2401.4	2497.9	2594.3	2690.8	2787.2	2608.9	2430.6	2252.2	2073.9	2095.2	2115.9
82.5°	1749.2	1771.6	1793.5	1815.9	1838.3	1765.4	1692.5	1619.1	1546.2	1601.7	1657.2
85°	1120.5	1200.7	1280.3	1360.5	1440.2	1359.4	1278.7	1197.3	1116.6	1153.6	1190.6
87.5°	250.7	396.5	542.3	688.7	834.5	756.0	678.0	599.5	521.0	485.7	450.9
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580

CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1421.1	1450.8	1441.8	1433.4	1424.5	1415.5	1431.8	1448.0	1464.8	1481.1	1475.5
5°	1961.7	1967.3	1914.1	1861.3	1808.1	1754.8	1787.9	1821.0	1854.0	1887.1	1875.4
7.5°	2310.5	2282.5	2251.7	2220.8	2189.4	2158.6	2151.8	2145.1	2137.8	2131.1	2122.1
10°	2591.0	2610.6	2590.4	2570.8	2550.6	2530.4	2483.3	2436.2	2388.5	2341.4	2321.8
12.5°	2810.2	2832.1	2837.2	2841.6	2846.7	2851.7	2799.0	2746.9	2694.1	2641.4	2593.8
15°	2813.0	2831.5	2847.8	2863.5	2879.8	2895.5	2862.9	2831.0	2798.5	2765.9	2750.8
17.5°	2882.0	2885.4	2871.9	2859.0	2845.6	2832.7	2819.8	2807.4	2794.5	2782.2	2758.1
20°	2842.8	2850.6	2848.9	2847.2	2845.0	2843.3	2844.4	2845.0	2846.1	2846.7	2833.2
22.5°	2862.9	2827.6	2834.9	2841.6	2848.9	2855.7	2875.8	2896.0	2916.8	2937.0	2990.8
25°	3017.7	2940.9	2929.1	2917.9	2906.1	2894.9	2947.6	2999.8	3052.5	3105.2	3192.7
27.5°	2916.8	2795.1	2768.2	2741.3	2714.3	2687.4	2767.6	2847.2	2927.4	3007.6	3096.8
30°	3014.4	2890.4	2831.0	2771.5	2711.5	2652.1	2728.9	2805.2	2882.0	2958.3	3057.0
32.5°	3120.4	3036.2	2996.4	2957.2	2917.3	2878.1	2884.3	2890.4	2896.6	2902.8	3041.8
35°	3285.2	3157.9	3118.7	3079.4	3040.2	3000.9	3066.5	3131.6	3197.2	3262.2	3380.0
37.5°	3776.5	3706.4	3635.7	3565.1	3493.9	3423.2	3461.9	3500.6	3539.3	3578.0	3689.0
40°	4194.3	4076.0	4064.2	4053.0	4041.2	4029.4	4032.8	4035.6	4039.0	4042.3	4137.1
42.5°	4936.8	4839.3	4779.2	4719.2	4659.2	4599.2	4595.3	4591.4	4586.9	4583.0	4654.2
45°	5742.7	5670.4	5625.5	5580.6	5535.2	5490.4	5419.1	5347.9	5276.1	5204.9	5267.2
47.5°	6444.9	6448.8	6530.1	6610.9	6692.2	6773.5	6651.8	6530.1	6408.4	6286.7	6206.5
50°	7382.5	7548.5	7568.2	7587.2	7606.9	7626.5	7420.1	7214.3	7007.9	6801.5	6717.4
52.5°	8038.7	8272.0	8241.7	8212.0	8181.7	8151.4	8032.0	7913.1	7793.6	7674.2	7490.8
55°	8442.5	8702.1	8679.1	8656.7	8633.7	8610.7	8523.8	8436.9	8349.9	8263.0	8061.7
57.5°	8676.3	8923.1	8929.8	8936.5	8943.3	8950.0	8927.0	8904.0	8881.0	8858.0	8596.1
60°	8755.4	9022.9	9025.7	9028.0	9030.8	9033.0	8996.6	8960.1	8923.1	8886.6	8715.6
62.5°	8511.5	8750.4	8761.0	8771.1	8781.8	8792.4	8767.2	8741.9	8716.7	8691.5	8564.7
65°	8144.1	8293.9	8296.7	8298.9	8301.7	8304.5	8240.6	8177.2	8113.3	8049.3	8019.1
67.5°	7053.3	7063.4	7122.9	7182.3	7241.8	7301.2	7306.3	7311.3	7316.9	7322.0	7278.2
70°	5695.6	5637.3	5701.8	5766.3	5830.8	5895.3	5922.7	5950.2	5978.3	6005.7	6025.9
72.5°	4434.9	4337.9	4385.6	4433.2	4481.5	4529.1	4488.2	4447.2	4406.3	4365.4	4494.9
75°	3367.1	3247.7	3241.5	3235.9	3229.7	3224.1	3203.4	3182.6	3161.3	3140.6	3261.7
77.5°	2578.6	2501.2	2505.1	2508.5	2512.4	2515.8	2494.5	2473.7	2452.4	2431.1	2477.7
80°	2137.3	2158.0	2158.6	2159.1	2159.7	2160.3	2140.1	2120.4	2100.2	2080.1	2046.4
82.5°	1713.3	1768.8	1768.2	1768.2	1767.7	1767.1	1766.0	1764.9	1763.2	1762.1	1707.1
85°	1227.6	1264.6	1226.5	1188.4	1150.2	1112.1	1140.1	1168.2	1196.8	1224.8	1201.8
87.5°	415.6	380.8	335.4	290.5	245.1	199.6	248.4	297.2	346.6	395.4	423.4
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P367580

CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6	1218.6
2.5°	1470.5	1464.8	1459.8	1424.5	1388.6	1353.2	1317.3	1382.4	1448.0	1513.1	1578.1
5°	1864.1	1852.4	1841.1	1838.3	1835.5	1832.2	1829.4	1862.5	1895.5	1928.1	1961.2
7.5°	2113.1	2104.2	2095.2	2071.6	2048.6	2025.1	2001.5	2021.7	2041.4	2061.5	2081.2
10°	2302.7	2283.1	2263.4	2212.4	2161.9	2110.9	2059.9	2044.7	2029.6	2014.4	1999.3
12.5°	2546.1	2497.9	2450.2	2392.4	2334.1	2276.3	2218.0	2210.2	2202.3	2195.0	2187.2
15°	2736.2	2721.1	2705.9	2659.9	2613.9	2568.0	2522.0	2460.3	2398.0	2336.3	2274.7
17.5°	2734.5	2710.4	2686.9	2748.5	2809.7	2871.4	2932.5	2866.9	2800.7	2735.1	2669.5
20°	2819.8	2805.7	2792.3	2906.1	3019.4	3133.3	3246.5	3210.7	3174.2	3138.3	3101.9
22.5°	3044.1	3097.9	3151.2	3248.8	3345.8	3443.4	3540.4	3581.3	3622.3	3663.2	3704.2
25°	3279.6	3367.1	3454.6	3599.9	3744.5	3889.8	4035.0	4064.2	4093.4	4122.5	4151.7
27.5°	3185.4	3274.6	3363.8	3473.7	3583.0	3693.0	3802.3	3930.2	4058.6	4186.5	4314.3
30°	3155.1	3253.8	3352.0	3502.8	3653.1	3804.0	3954.9	4130.9	4307.0	4482.6	4658.7
32.5°	3180.4	3319.4	3458.5	3662.7	3866.2	4070.4	4274.5	4459.6	4645.2	4830.3	5015.3
35°	3497.2	3615.0	3732.2	3960.5	4188.7	4417.0	4645.2	4862.2	5079.3	5295.8	5512.8
37.5°	3799.5	3910.5	4021.6	4254.9	4487.6	4720.9	4954.2	5296.9	5640.1	5982.7	6325.4
40°	4231.3	4326.1	4420.3	4620.0	4819.6	5019.3	5218.9	5632.2	6045.6	6458.9	6872.2
42.5°	4724.8	4796.1	4866.7	5073.7	5280.6	5487.6	5694.5	6144.3	6594.6	7044.4	7494.1
45°	5328.8	5391.1	5453.3	5595.8	5738.2	5881.2	6023.7	6487.5	6951.3	7415.1	7878.9
47.5°	6126.3	6046.1	5965.9	6036.0	6106.1	6176.2	6246.3	6705.1	7163.8	7622.0	8080.7
50°	6633.3	6549.2	6465.0	6471.2	6476.8	6483.0	6489.2	6917.1	7345.0	7772.3	8200.2
52.5°	7307.4	7123.4	6940.1	6938.4	6936.7	6934.4	6932.8	7305.7	7679.2	8052.1	8425.1
55°	7860.3	7659.0	7457.7	7418.4	7379.2	7339.4	7300.1	7669.1	8037.6	8406.6	8775.0
57.5°	8334.2	8071.8	7809.9	7748.2	7686.5	7624.8	7563.1	7960.7	8358.9	8756.5	9154.1
60°	8545.1	8374.1	8203.6	8127.9	8052.1	7976.4	7900.7	8239.5	8578.2	8916.4	9255.1
62.5°	8438.5	8311.8	8185.6	8203.0	8220.4	8237.8	8255.2	8448.6	8642.7	8836.2	9029.6
65°	7989.3	7959.1	7929.3	8069.5	8209.7	8349.9	8490.1	8492.9	8495.8	8498.6	8501.4
67.5°	7234.5	7190.7	7147.0	7438.6	7729.7	8021.3	8312.9	8174.4	8035.9	7897.9	7759.4
70°	6045.6	6065.7	6085.4	6482.4	6878.9	7276.0	7673.0	7472.3	7270.9	7070.2	6868.8
72.5°	4624.5	4754.6	4884.1	5295.8	5707.4	6119.0	6530.7	6301.3	6071.4	5842.0	5612.1
75°	3382.8	3504.0	3625.1	4031.7	4438.3	4845.4	5252.0	4979.5	4706.9	4434.9	4162.4
77.5°	2524.2	2571.3	2617.9	2956.0	3293.7	3631.8	3969.4	3695.8	3422.1	3149.0	2875.3
80°	2013.3	1979.7	1946.6	2133.9	2321.2	2508.5	2695.8	2501.8	2307.2	2113.1	1919.1
82.5°	1652.7	1597.8	1543.4	1612.9	1682.4	1752.5	1822.1	1666.7	1511.4	1356.0	1200.7
85°	1178.8	1155.8	1132.8	1153.0	1172.7	1192.8	1213.0	1061.6	910.2	759.3	607.9
87.5°	450.9	478.9	507.0	538.9	570.3	602.3	633.7	496.3	358.9	222.1	84.7
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: P367580
 CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P367580
CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1218.6	1218.6
2.5°	1605.0	1632.0
5°	1960.6	1960.0
7.5°	2072.2	2062.7
10°	1974.6	1949.9
12.5°	2114.3	2040.8
15°	2201.8	2128.3
17.5°	2559.0	2447.9
20°	2970.1	2837.7
22.5°	3502.8	3301.5
25°	3911.1	3670.0
27.5°	4171.3	4027.8
30°	4494.4	4330.0
32.5°	4894.2	4772.5
35°	5401.7	5290.1
37.5°	6290.6	6255.3
40°	6830.1	6787.5
42.5°	7495.8	7496.9
45°	7904.1	7929.3
47.5°	8144.7	8208.1
50°	8336.5	8472.2
52.5°	8610.7	8796.3
55°	9021.8	9268.0
57.5°	9363.9	9573.6
60°	9363.9	9472.1
62.5°	9026.8	9023.5
65°	8449.2	8396.5
67.5°	7693.2	7627.1
70°	6765.6	6661.9
72.5°	5483.6	5354.6
75°	3985.7	3808.5
77.5°	2791.2	2706.5
80°	1960.0	2001.0
82.5°	1259.0	1317.3
85°	598.9	590.0
87.5°	70.7	56.6
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: P367580
CATALOG NUMBER: MSA-SA2D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

(END OF REPORT)