

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: P368636

Luminaire Tested: **MSA-SA4D-740-U-SLR**

Issue Date: 12/2/2019

Test Information

Test Method: LM-79-08
Report Number: P368636
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-SA4D-740-U-SLR
Description: MESA POST TOP DECORATIVE LUMINAIRE. (4) 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: 22536 lumens
Efficiency: N/A
Efficacy: 87.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

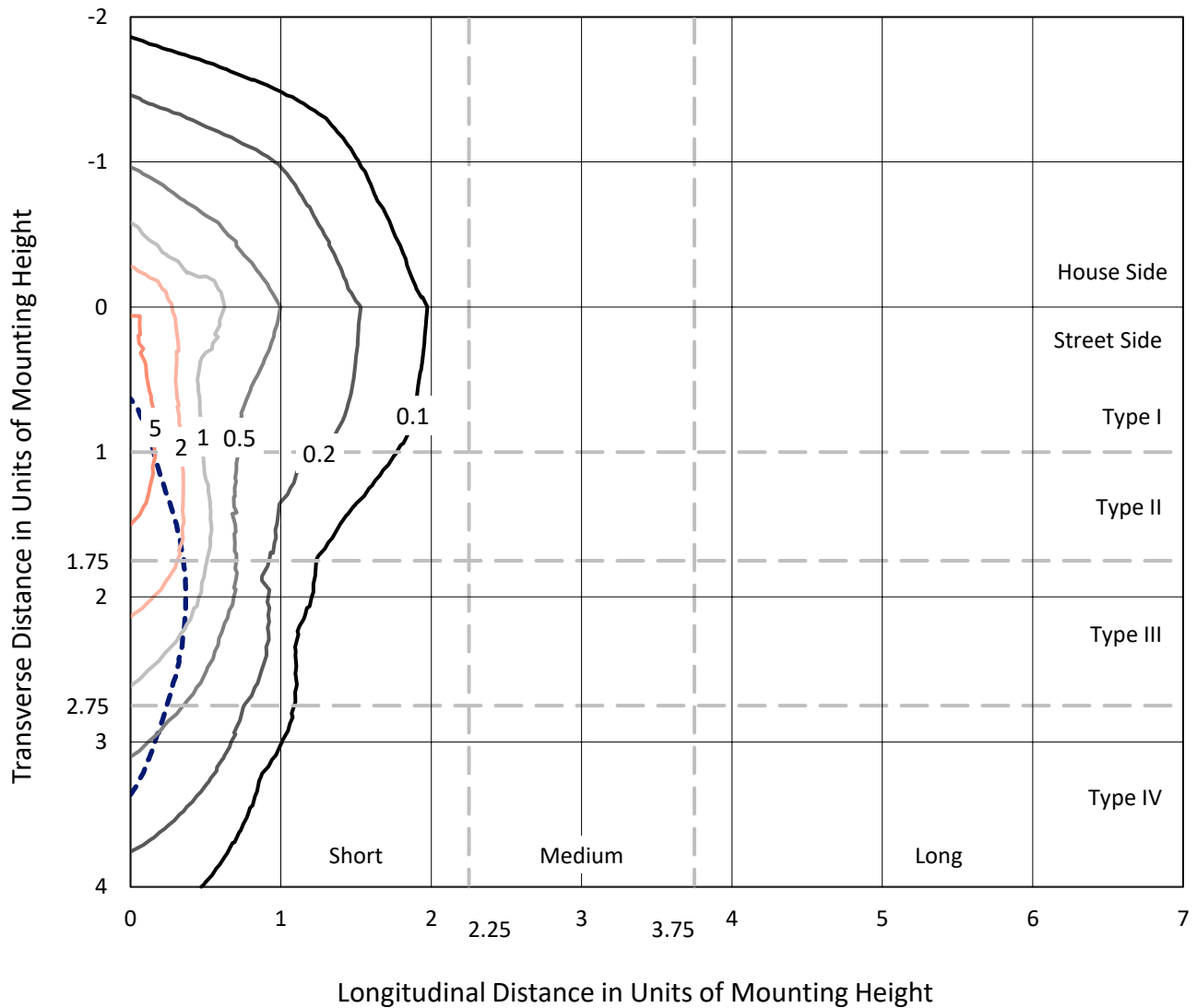
Input Watts (W): 259
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

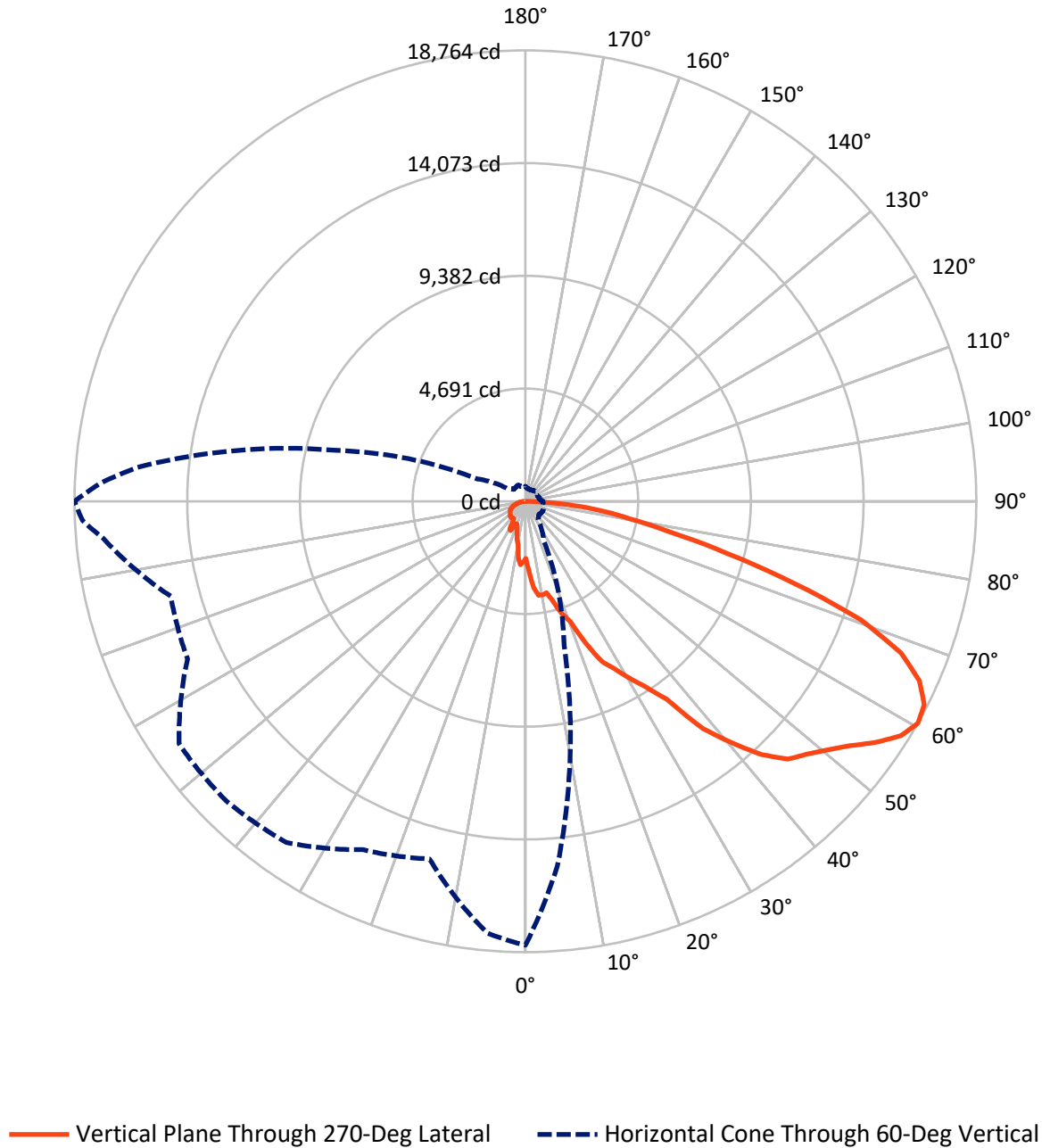
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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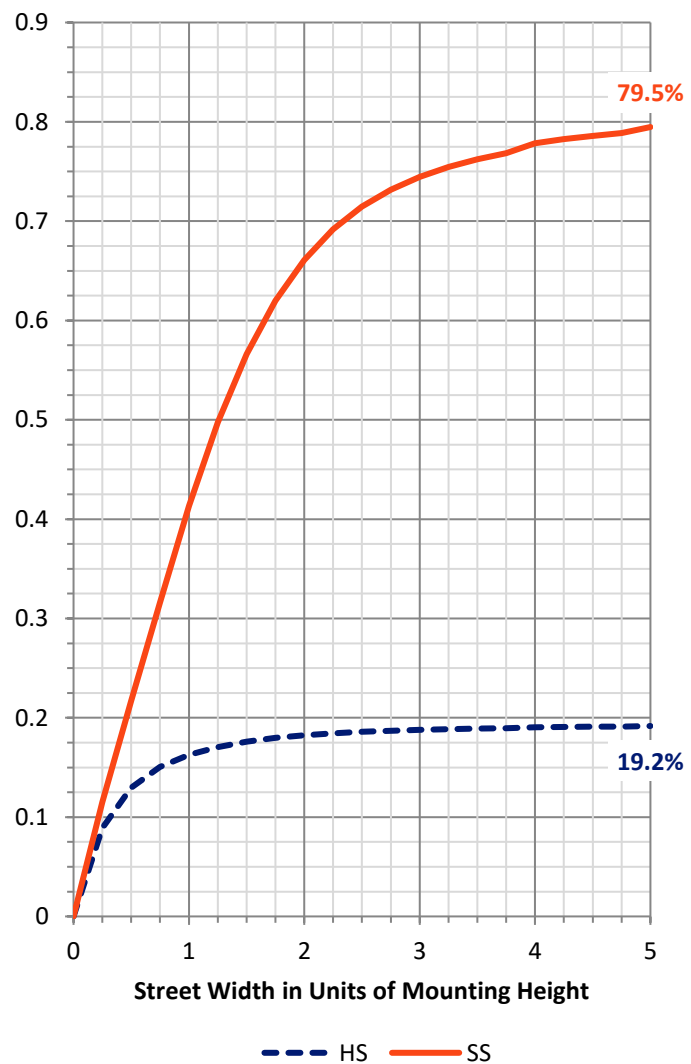
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4364.8	0.0	4364.8
	% Fixture	19.4	0.0	19.4
Street Side	Lumens	18171.2	0.0	18171.2
	% Fixture	80.6	0.0	80.6
Total	Lumens	22536.0	0.0	22536.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	272.5	1.2
10°-20°	791.8	3.5
20°-30°	1397.9	6.2
30°-40°	2177.1	9.7
40°-50°	3584.3	15.9
50°-60°	5116.0	22.7
60°-70°	5424.8	24.1
70°-80°	2996.3	13.3
80°-90°	775.2	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°	22536.0	100.0
0°-180°	22536.0	100.0



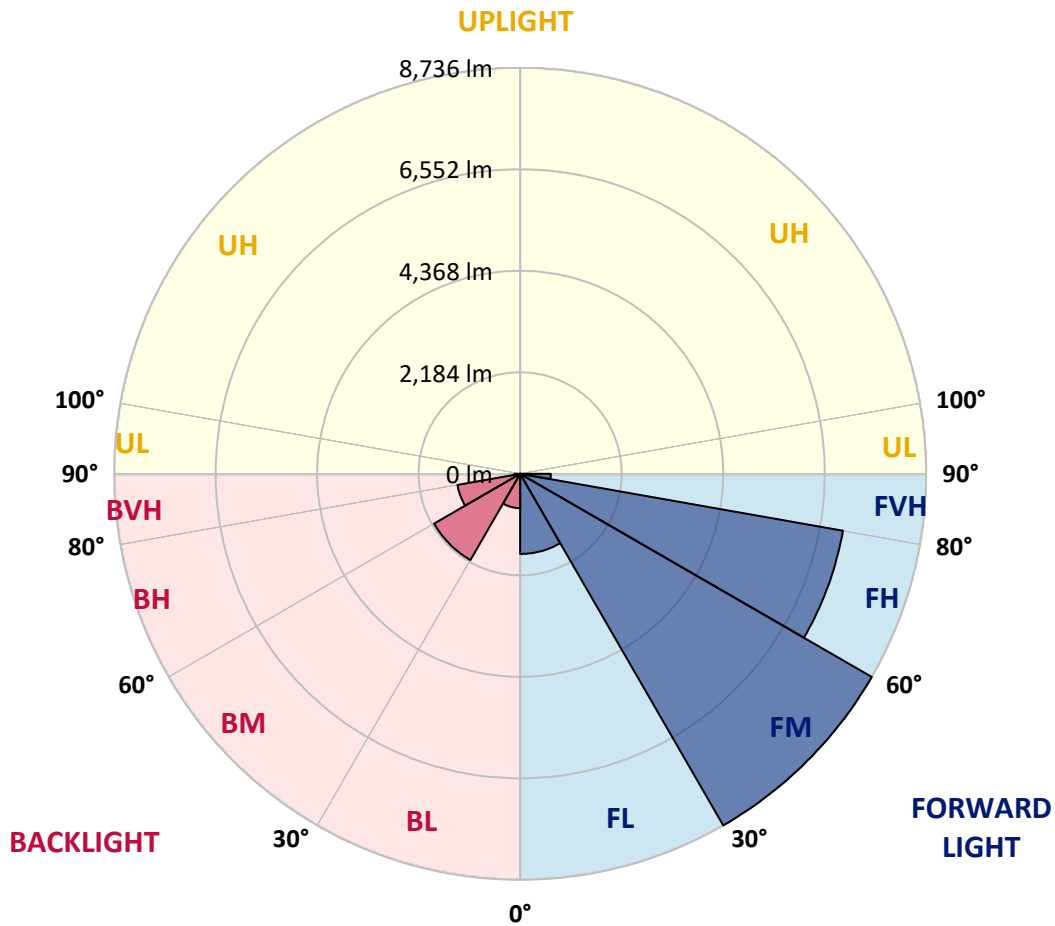
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1724.4	7.7			
FM (30°-60°)	8736.4	38.8			
FH (60°-80°)	7051.6	31.3			G3/7500
FVH (80°-90°)	658.9	2.9			G4/750
BL (0°-30°)	737.8	3.3	B2/1000		
BM (30°-60°)	2141.0	9.5	B2/2500		
BH (60°-80°)	1369.5	6.1	B3/2500		G3/2500
BVH (80°-90°)	116.3	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4

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°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	3183.1	3202.8	3221.4	3184.2	3147.0	3108.8	3071.6	3015.8	2958.9	2903.1	2846.2
5°	3823.0	3750.9	3677.6	3648.0	3619.6	3590.1	3560.5	3533.2	3505.8	3477.4	3450.0
7.5°	4023.2	3920.4	3816.5	3772.7	3729.0	3684.1	3640.4	3541.9	3443.5	3343.9	3245.5
10°	3803.4	3696.2	3587.9	3545.2	3501.4	3458.8	3415.0	3294.7	3175.5	3055.2	2934.8
12.5°	3980.6	3871.2	3760.7	3625.1	3489.4	3352.7	3217.0	3150.3	3083.6	3015.8	2949.1
15°	4151.2	4003.5	3854.8	3719.1	3583.5	3446.8	3311.1	3177.7	3044.2	2910.8	2777.3
17.5°	4774.7	4528.6	4282.5	4037.4	3791.3	3546.3	3300.2	3145.9	2990.6	2836.4	2681.1
20°	5534.9	5192.6	4849.1	4477.2	4104.2	3732.3	3359.2	3164.5	2970.9	2776.2	2581.5
22.5°	6439.6	6007.5	5575.4	5106.1	4636.9	4166.5	3697.3	3415.0	3132.8	2849.5	2567.3
25°	7158.2	6742.6	6326.9	5731.8	5136.8	4541.7	3946.7	3626.2	3305.6	2984.1	2663.6
27.5°	7856.1	7194.3	6531.4	5850.0	5169.6	4488.1	3806.6	3510.2	3213.8	2917.3	2620.9
30°	8445.7	7920.6	7395.6	6506.3	5617.0	4726.6	3837.3	3473.0	3108.8	2744.5	2380.2
32.5°	9308.8	8559.5	7809.1	6881.5	5953.9	5026.3	4098.7	3632.7	3166.7	2700.7	2234.8
35°	10318.4	9539.6	8760.7	7613.3	6466.9	5319.4	4172.0	3678.7	3184.2	2690.9	2196.5
37.5°	12200.9	10828.1	9454.2	8201.8	6949.3	5695.7	4443.3	3870.1	3296.9	2722.6	2149.4
40°	13239.0	11970.1	10701.2	9140.3	7579.4	6017.3	4456.4	3870.1	3282.7	2696.4	2109.0
42.5°	14622.7	13018.0	11412.3	9724.4	8037.7	6349.9	4662.0	4012.3	3362.5	2711.7	2061.9
45°	15466.1	13677.6	11888.1	10084.3	8280.5	6476.8	4673.0	4013.4	3353.8	2694.2	2034.6
47.5°	16009.8	14292.4	12573.9	10632.3	8690.7	6748.0	4806.4	4106.4	3405.2	2705.1	2004.0
50°	16525.0	14824.0	13122.0	11106.0	9091.1	7075.1	5059.1	4294.5	3529.9	2764.2	1999.6
52.5°	17157.2	15590.8	14023.3	11860.7	9697.1	7534.5	5370.9	4538.4	3706.0	2873.6	2041.1
55°	18077.2	16533.7	14989.2	12668.0	10345.7	8024.6	5702.3	4778.0	3854.8	2930.5	2006.1
57.5°	18673.3	17108.0	15542.7	13175.6	10808.4	8440.2	6073.1	5049.3	4025.4	3000.5	1976.6
60°	18475.3	16860.8	15245.1	12988.5	10731.9	8475.2	6218.6	5112.7	4007.9	2902.0	1796.1
62.5°	17600.2	15884.0	14167.7	12146.2	10125.9	8104.4	6083.0	4958.5	3835.1	2710.6	1586.1
65°	16377.3	14603.0	12827.7	11004.2	9180.8	7357.3	5533.8	4513.3	3491.6	2471.0	1449.4
67.5°	14876.5	13026.8	11176.0	9561.4	7946.9	6331.3	4716.7	3863.5	3011.4	2158.2	1305.0
70°	12994.0	11176.0	9358.0	7961.1	6564.3	5167.4	3770.5	3128.4	2487.4	1845.3	1203.2
72.5°	10444.2	8875.6	7307.0	6207.7	5108.3	4009.0	2909.7	2463.4	2018.2	1571.9	1125.6
75°	7428.4	6506.3	5584.2	4728.8	3873.4	3016.9	2161.5	1872.7	1583.9	1295.1	1006.4
77.5°	5279.0	4735.3	4191.7	3521.1	2850.6	2180.1	1509.5	1340.0	1171.5	1002.0	832.4
80°	3902.9	3448.9	2995.0	2489.6	1984.3	1478.9	973.5	890.4	808.4	725.2	642.1
82.5°	2569.5	2364.9	2159.3	1758.9	1358.6	958.2	557.9	527.2	496.6	466.0	435.4
85°	1150.7	1215.3	1278.7	1033.7	787.6	542.6	296.4	282.2	268.0	253.8	239.6
87.5°	110.5	163.0	215.5	184.9	153.1	122.5	90.8	89.7	89.7	88.6	87.5
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



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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°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2861.5	2876.9	2892.2	2907.5	2891.1	2874.7	2857.2	2840.8	2820.0	2799.2	2777.3
5°	3404.1	3357.1	3311.1	3264.1	3194.1	3124.1	3053.0	2983.0	2974.2	2964.4	2955.6
7.5°	3159.1	3073.8	2987.3	2900.9	2791.5	2683.2	2573.9	2464.5	2431.7	2398.8	2366.0
10°	2876.9	2817.8	2759.8	2700.7	2632.9	2565.1	2496.2	2428.4	2338.7	2247.9	2158.2
12.5°	2852.8	2756.5	2659.2	2562.9	2521.4	2479.8	2438.2	2396.7	2317.9	2239.1	2159.3
15°	2699.6	2620.9	2543.2	2464.5	2404.3	2344.1	2284.0	2223.8	2160.4	2095.8	2032.4
17.5°	2591.4	2501.7	2412.0	2322.3	2253.4	2184.4	2114.4	2045.5	1969.0	1891.3	1814.7
20°	2478.7	2377.0	2274.1	2171.3	2083.8	1997.4	1909.9	1822.4	1738.1	1655.0	1570.8
22.5°	2432.7	2298.2	2163.7	2029.1	1937.2	1844.3	1752.4	1659.4	1581.7	1504.1	1426.4
25°	2502.8	2343.1	2182.3	2021.5	1897.8	1773.1	1649.5	1524.8	1460.3	1395.8	1330.1
27.5°	2420.7	2219.4	2019.3	1818.0	1685.6	1552.2	1419.8	1286.4	1276.5	1266.7	1255.8
30°	2169.1	1958.0	1746.9	1535.8	1414.4	1291.9	1170.4	1047.9	1024.9	1000.9	977.9
32.5°	2019.3	1803.8	1588.3	1372.8	1264.5	1155.1	1046.8	937.4	911.2	884.9	858.7
35°	1962.4	1728.3	1494.2	1260.1	1167.1	1074.2	981.2	888.2	869.6	852.1	833.5
37.5°	1916.4	1684.5	1451.6	1218.6	1128.9	1039.2	948.4	858.7	844.5	830.2	816.0
40°	1872.7	1637.5	1401.2	1165.0	1085.1	1006.4	926.5	846.6	837.9	829.1	819.3
42.5°	1833.3	1604.7	1375.0	1146.4	1075.3	1005.3	934.2	863.1	854.3	845.6	836.8
45°	1811.4	1588.3	1365.1	1142.0	1090.6	1039.2	986.7	935.3	914.5	893.7	871.8
47.5°	1795.0	1586.1	1377.2	1168.2	1114.6	1061.0	1007.4	953.8	935.3	916.7	897.0
50°	1798.3	1598.1	1396.9	1195.6	1131.1	1065.4	1000.9	935.3	933.1	930.9	928.7
52.5°	1827.8	1615.6	1402.3	1189.0	1119.0	1049.0	977.9	907.9	922.1	935.3	949.5
55°	1785.2	1564.2	1342.2	1121.2	1054.5	988.9	922.1	855.4	874.0	891.5	910.1
57.5°	1737.1	1497.5	1257.9	1018.4	968.1	917.7	866.3	816.0	835.7	856.5	876.2
60°	1577.3	1358.6	1139.8	921.0	887.1	853.2	819.3	785.4	794.1	802.9	811.6
62.5°	1402.3	1217.5	1033.7	848.8	822.6	795.2	769.0	741.6	741.6	742.7	742.7
65°	1290.8	1132.1	973.5	814.9	785.4	755.9	725.2	695.7	691.3	686.9	682.6
67.5°	1179.2	1054.5	928.7	802.9	760.2	718.7	676.0	633.3	627.9	623.5	618.0
70°	1091.7	980.1	868.5	757.0	708.8	661.8	613.7	565.5	561.2	557.9	553.5
72.5°	1020.6	916.7	811.6	706.6	656.3	604.9	554.6	503.2	499.9	496.6	492.2
75°	913.4	821.5	728.5	635.5	586.3	538.2	489.0	439.7	435.4	432.1	427.7
77.5°	755.9	678.2	601.6	524.0	485.7	448.5	410.2	371.9	369.7	367.5	364.3
80°	581.9	521.8	460.5	400.4	375.2	348.9	323.8	297.5	296.4	295.3	293.2
82.5°	399.3	363.2	327.1	291.0	272.4	252.7	234.1	214.4	215.5	216.6	217.7
85°	227.5	214.4	202.4	189.2	173.9	159.7	144.4	129.1	132.4	135.6	137.8
87.5°	83.1	78.8	74.4	70.0	62.4	55.8	48.1	40.5	42.7	45.9	48.1
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636

CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2756.5	2723.7	2690.9	2658.1	2625.3	2557.4	2490.7	2422.9	2355.1	2396.7	2439.3
5°	2945.8	2890.0	2833.1	2777.3	2720.4	2688.7	2657.0	2625.3	2593.5	2610.0	2627.5
7.5°	2333.2	2300.4	2266.5	2233.7	2199.8	2185.5	2172.4	2158.2	2144.0	2184.4	2224.9
10°	2067.4	2021.5	1975.5	1928.5	1882.5	1855.2	1827.8	1800.5	1773.1	1784.1	1795.0
12.5°	2080.5	2012.7	1944.9	1877.1	1809.2	1768.8	1728.3	1687.8	1647.4	1657.2	1667.0
15°	1967.9	1897.8	1827.8	1757.8	1687.8	1640.8	1592.7	1545.6	1497.5	1481.1	1463.6
17.5°	1737.1	1660.5	1583.9	1507.3	1430.8	1399.0	1367.3	1335.6	1303.9	1286.4	1268.9
20°	1486.6	1415.5	1344.4	1273.3	1202.2	1180.3	1158.4	1135.4	1113.6	1102.6	1090.6
22.5°	1348.7	1305.0	1260.1	1216.4	1171.5	1146.4	1122.3	1097.1	1072.0	1060.0	1046.8
25°	1265.6	1274.3	1284.2	1292.9	1301.7	1290.8	1278.7	1267.8	1255.8	1260.1	1263.4
27.5°	1245.9	1264.5	1284.2	1302.8	1321.4	1331.2	1341.1	1350.9	1360.8	1364.0	1367.3
30°	953.8	963.7	972.4	982.3	991.0	1018.4	1045.7	1072.0	1099.3	1142.0	1185.7
32.5°	832.4	829.1	825.9	821.5	818.2	824.8	831.3	836.8	843.4	858.7	875.1
35°	814.9	807.3	798.5	790.9	782.1	785.4	788.7	792.0	795.2	807.3	819.3
37.5°	801.8	798.5	796.3	793.0	789.8	797.4	804.0	811.6	818.2	828.1	837.9
40°	810.6	809.5	808.4	806.2	805.1	809.5	813.8	818.2	822.6	835.7	848.8
42.5°	828.1	828.1	827.0	827.0	825.9	830.2	833.5	837.9	841.2	848.8	856.5
45°	851.0	848.8	847.7	845.6	843.4	842.3	842.3	841.2	840.1	844.5	849.9
47.5°	878.4	870.7	862.0	854.3	845.6	843.4	840.1	837.9	834.6	836.8	839.0
50°	926.5	905.7	886.0	865.2	844.5	839.0	833.5	828.1	822.6	821.5	821.5
52.5°	962.6	932.0	901.3	870.7	840.1	830.2	820.4	810.6	800.7	798.5	797.4
55°	927.6	904.6	882.7	859.8	836.8	822.6	807.3	793.0	777.7	774.5	771.2
57.5°	895.9	881.7	867.4	853.2	839.0	824.8	809.5	795.2	779.9	772.3	764.6
60°	820.4	820.4	821.5	821.5	821.5	806.2	790.9	775.5	760.2	752.6	746.0
62.5°	742.7	754.8	765.7	777.7	788.7	767.9	746.0	725.2	703.4	697.9	693.5
65°	678.2	681.5	685.9	689.1	692.4	676.0	659.6	643.2	626.8	623.5	619.1
67.5°	612.6	611.5	610.4	608.2	607.1	597.2	586.3	576.5	565.5	561.2	556.8
70°	549.1	548.0	546.9	544.7	543.6	534.9	526.1	517.4	508.6	505.4	502.1
72.5°	489.0	487.9	485.7	484.6	482.4	474.7	468.2	460.5	452.9	448.5	444.1
75°	423.3	421.1	418.9	416.8	414.6	408.0	401.4	393.8	387.2	382.9	378.5
77.5°	362.1	358.8	355.5	351.1	347.8	342.4	335.8	330.3	323.8	318.3	313.9
80°	292.1	289.9	287.7	284.4	282.2	276.7	271.3	264.7	259.2	252.7	247.2
82.5°	218.8	217.7	215.5	214.4	212.2	206.7	201.3	195.8	190.3	183.8	177.2
85°	141.1	140.0	138.9	137.8	136.7	132.4	129.1	124.7	120.3	113.8	108.3
87.5°	50.3	48.1	47.0	44.8	42.7	41.6	39.4	38.3	36.1	32.8	29.5
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636

CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2480.9	2522.4	2523.5	2523.5	2543.2	2561.8	2523.5	2485.3	2445.9	2407.6	2369.3
5°	2643.9	2660.3	2655.9	2650.4	2626.4	2602.3	2577.1	2552.0	2526.8	2501.7	2502.8
7.5°	2265.4	2305.9	2338.7	2370.4	2339.8	2309.1	2292.7	2276.3	2259.9	2243.5	2241.3
10°	1804.9	1815.8	1828.9	1841.0	1822.4	1802.7	1835.5	1868.3	1900.0	1932.9	1896.8
12.5°	1676.9	1686.7	1663.8	1639.7	1632.0	1624.4	1616.7	1608.0	1600.3	1591.6	1587.2
15°	1447.2	1429.7	1412.2	1393.6	1389.2	1383.7	1378.3	1371.7	1366.2	1359.7	1340.0
17.5°	1251.4	1233.9	1204.3	1173.7	1161.7	1148.6	1145.3	1142.0	1137.6	1134.3	1115.7
20°	1079.6	1067.6	1060.0	1051.2	1039.2	1027.1	1015.1	1003.1	989.9	977.9	960.4
22.5°	1034.8	1021.7	1011.8	1000.9	998.7	996.5	974.6	951.7	929.8	906.8	897.0
25°	1267.8	1271.1	1210.9	1149.6	1144.2	1138.7	1099.3	1058.9	1019.5	979.0	945.1
27.5°	1369.5	1372.8	1370.6	1368.4	1350.9	1332.3	1265.6	1197.8	1131.1	1063.2	1015.1
30°	1228.4	1271.1	1287.5	1303.9	1291.9	1278.7	1208.7	1139.8	1069.8	999.8	968.1
32.5°	890.4	905.7	933.1	959.3	973.5	986.7	964.8	942.9	921.0	899.2	893.7
35°	830.2	842.3	847.7	853.2	844.5	835.7	819.3	802.9	785.4	769.0	765.7
37.5°	846.6	856.5	867.4	878.4	854.3	829.1	810.6	793.0	774.5	755.9	740.5
40°	862.0	875.1	881.7	888.2	864.2	840.1	817.1	795.2	772.3	749.3	734.0
42.5°	864.2	871.8	883.8	895.9	862.0	827.0	806.2	784.3	763.5	741.6	726.3
45°	854.3	858.7	869.6	880.6	841.2	800.7	782.1	762.4	743.8	724.1	711.0
47.5°	840.1	842.3	851.0	858.7	817.1	774.5	757.0	739.5	720.9	703.4	690.2
50°	820.4	819.3	825.9	831.3	788.7	746.0	728.5	712.1	694.6	677.1	666.2
52.5°	795.2	793.0	799.6	805.1	760.2	715.4	700.1	685.9	670.5	655.2	646.5
55°	766.8	763.5	769.0	774.5	730.7	685.9	672.7	658.5	645.4	631.2	623.5
57.5°	755.9	748.2	751.5	754.8	705.5	656.3	643.2	630.1	616.9	603.8	598.3
60°	738.4	730.7	734.0	736.2	683.7	630.1	618.0	604.9	592.9	579.7	574.3
62.5°	688.0	682.6	686.9	691.3	644.3	596.2	585.2	575.4	564.4	553.5	545.8
65°	615.8	611.5	620.2	629.0	588.5	548.0	541.5	534.9	527.2	520.7	513.0
67.5°	552.4	548.0	556.8	565.5	536.0	506.5	499.9	493.3	486.8	480.2	475.8
70°	498.8	495.5	503.2	510.8	485.7	460.5	454.0	448.5	441.9	435.4	432.1
72.5°	438.6	434.3	444.1	452.9	432.1	410.2	404.7	398.2	392.7	386.1	383.9
75°	374.1	369.7	378.5	386.1	371.9	356.6	351.1	345.7	340.2	334.7	333.6
77.5°	308.5	303.0	311.8	319.4	310.7	300.8	296.4	291.0	286.6	281.1	281.1
80°	240.6	234.1	240.6	246.1	242.8	239.6	236.3	231.9	228.6	224.2	225.3
82.5°	170.6	164.1	167.4	170.6	172.8	175.0	175.0	175.0	175.0	175.0	175.0
85°	101.7	95.2	96.3	97.4	100.6	103.9	105.0	106.1	107.2	108.3	109.4
87.5°	26.3	23.0	20.8	17.5	20.8	23.0	25.2	26.3	28.4	29.5	29.5
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636
 CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2331.0	2291.6	2253.4	2277.4	2300.4	2324.5	2347.4	2348.5	2348.5	2349.6	2349.6
5°	2504.9	2506.0	2507.1	2484.2	2462.3	2439.3	2416.3	2404.3	2392.3	2379.1	2367.1
7.5°	2238.0	2235.9	2232.6	2210.7	2188.8	2166.9	2145.1	2092.6	2039.0	1986.5	1932.9
10°	1859.6	1823.5	1786.3	1777.5	1769.9	1761.1	1752.4	1738.1	1725.0	1710.8	1696.6
12.5°	1582.8	1578.4	1574.1	1551.1	1528.1	1504.1	1481.1	1481.1	1481.1	1481.1	1481.1
15°	1319.2	1299.5	1278.7	1267.8	1255.8	1244.8	1232.8	1227.3	1221.8	1216.4	1210.9
17.5°	1096.0	1077.5	1057.8	1055.6	1053.4	1051.2	1049.0	1043.5	1038.1	1032.6	1027.1
20°	942.9	925.4	907.9	914.5	921.0	926.5	933.1	927.6	922.1	915.6	910.1
22.5°	886.0	876.2	865.2	859.8	854.3	847.7	842.3	842.3	843.4	843.4	843.4
25°	912.3	878.4	844.5	828.1	811.6	794.1	777.7	771.2	765.7	759.1	752.6
27.5°	967.0	917.7	869.6	841.2	812.7	784.3	755.9	743.8	730.7	718.7	705.5
30°	935.3	903.5	870.7	837.9	805.1	772.3	739.5	724.1	708.8	692.4	677.1
32.5°	888.2	881.7	876.2	845.6	814.9	783.2	752.6	746.0	740.5	734.0	727.4
35°	761.3	758.0	753.7	746.0	738.4	730.7	723.0	714.3	705.5	696.8	688.0
37.5°	726.3	711.0	695.7	692.4	689.1	685.9	682.6	679.3	676.0	671.6	668.3
40°	718.7	703.4	688.0	682.6	677.1	670.5	665.1	666.2	668.3	669.4	670.5
42.5°	709.9	694.6	678.2	673.8	669.4	665.1	660.7	661.8	664.0	665.1	666.2
45°	699.0	685.9	672.7	665.1	658.5	650.8	643.2	649.8	656.3	661.8	668.3
47.5°	677.1	662.9	649.8	645.4	641.0	635.5	631.2	637.7	644.3	649.8	656.3
50°	654.1	643.2	631.2	630.1	629.0	626.8	625.7	630.1	634.4	638.8	643.2
52.5°	636.6	627.9	618.0	618.0	616.9	616.9	615.8	620.2	624.6	627.9	632.3
55°	616.9	609.3	601.6	602.7	604.9	606.0	607.1	611.5	616.9	621.3	625.7
57.5°	591.8	586.3	579.7	584.1	587.4	591.8	595.1	598.3	602.7	606.0	609.3
60°	567.7	562.2	555.7	560.1	565.5	569.9	574.3	577.6	580.8	584.1	587.4
62.5°	538.2	529.4	521.8	528.3	533.8	540.4	545.8	548.0	551.3	553.5	555.7
65°	506.5	498.8	491.1	495.5	499.9	503.2	507.6	510.8	514.1	517.4	520.7
67.5°	470.4	466.0	460.5	463.8	467.1	470.4	473.6	474.7	474.7	475.8	475.8
70°	427.7	424.4	420.0	422.2	425.5	427.7	429.9	429.9	429.9	428.8	428.8
72.5°	382.9	380.7	378.5	379.6	381.8	382.9	383.9	382.9	381.8	380.7	379.6
75°	332.5	331.4	330.3	331.4	333.6	334.7	335.8	334.7	332.5	331.4	329.3
77.5°	282.2	282.2	282.2	282.2	283.3	283.3	283.3	281.1	278.9	276.7	274.6
80°	226.4	227.5	228.6	228.6	228.6	228.6	228.6	226.4	224.2	221.0	218.8
82.5°	175.0	175.0	175.0	175.0	176.1	176.1	176.1	170.6	166.3	160.8	155.3
85°	109.4	110.5	110.5	111.6	112.7	112.7	113.8	106.1	99.5	91.9	84.2
87.5°	29.5	29.5	29.5	29.5	29.5	28.4	28.4	21.9	14.2	7.7	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636
 CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2356.2	2362.7	2368.2	2374.8	2375.9	2377.0	2377.0	2378.1	2355.1	2332.1	2308.0
5°	2383.5	2398.8	2415.2	2430.6	2427.3	2424.0	2420.7	2417.4	2410.9	2405.4	2398.8
7.5°	1920.8	1909.9	1897.8	1885.8	1895.7	1905.5	1915.4	1925.2	1929.6	1933.9	1937.2
10°	1669.2	1641.9	1614.5	1587.2	1571.9	1555.5	1540.2	1523.7	1521.6	1520.5	1518.3
12.5°	1452.6	1423.1	1394.7	1365.1	1356.4	1346.5	1337.8	1327.9	1336.7	1345.4	1353.1
15°	1198.9	1187.9	1175.9	1163.9	1173.7	1183.6	1193.4	1203.2	1212.0	1219.7	1228.4
17.5°	1021.7	1017.3	1011.8	1006.4	1015.1	1024.9	1033.7	1042.4	1062.1	1081.8	1101.5
20°	905.7	902.4	898.1	893.7	890.4	886.0	882.7	878.4	906.8	934.2	962.6
22.5°	836.8	830.2	823.7	817.1	818.2	819.3	819.3	820.4	843.4	867.4	890.4
25°	750.4	748.2	746.0	743.8	750.4	757.0	762.4	769.0	789.8	810.6	830.2
27.5°	706.6	707.7	708.8	709.9	718.7	728.5	737.3	746.0	760.2	774.5	788.7
30°	682.6	689.1	694.6	700.1	703.4	706.6	709.9	713.2	727.4	740.5	754.8
32.5°	718.7	709.9	700.1	691.3	695.7	701.2	705.5	709.9	723.0	736.2	749.3
35°	684.8	680.4	677.1	672.7	678.2	683.7	688.0	693.5	705.5	716.5	728.5
37.5°	667.3	666.2	665.1	664.0	667.3	670.5	672.7	676.0	686.9	697.9	707.7
40°	666.2	660.7	656.3	650.8	654.1	657.4	659.6	662.9	676.0	689.1	702.3
42.5°	659.6	653.0	645.4	638.8	642.1	646.5	649.8	653.0	667.3	680.4	694.6
45°	658.5	648.7	637.7	627.9	632.3	636.6	641.0	645.4	656.3	667.3	677.1
47.5°	646.5	636.6	626.8	616.9	619.1	621.3	622.4	624.6	634.4	643.2	653.0
50°	636.6	629.0	622.4	614.8	611.5	609.3	606.0	602.7	610.4	618.0	625.7
52.5°	624.6	616.9	608.2	600.5	596.2	591.8	587.4	583.0	589.6	595.1	601.6
55°	616.9	607.1	598.3	588.5	583.0	577.6	572.1	566.6	571.0	574.3	578.7
57.5°	600.5	591.8	581.9	573.2	566.6	560.1	552.4	545.8	548.0	550.2	552.4
60°	578.7	568.8	560.1	550.2	542.6	534.9	526.1	518.5	519.6	521.8	522.9
62.5°	546.9	538.2	528.3	519.6	510.8	503.2	494.4	485.7	487.9	489.0	491.1
65°	511.9	502.1	493.3	483.5	475.8	468.2	459.4	451.8	454.0	456.1	457.2
67.5°	469.3	461.6	455.0	447.4	440.8	433.2	426.6	418.9	420.0	421.1	422.2
70°	423.3	416.8	411.3	404.7	399.3	393.8	388.3	382.9	382.9	383.9	383.9
72.5°	374.1	368.6	363.2	357.7	352.2	347.8	342.4	336.9	339.1	341.3	342.4
75°	323.8	319.4	313.9	308.5	304.1	299.7	294.2	289.9	292.1	294.2	295.3
77.5°	271.3	268.0	263.6	260.3	256.0	251.6	246.1	241.7	243.9	246.1	247.2
80°	216.6	214.4	211.1	208.9	204.6	200.2	195.8	191.4	192.5	192.5	193.6
82.5°	156.4	157.5	157.5	158.6	155.3	151.0	147.7	143.3	143.3	143.3	142.2
85°	87.5	91.9	95.2	98.4	95.2	91.9	88.6	85.3	84.2	84.2	83.1
87.5°	3.3	5.5	8.8	10.9	9.8	8.8	6.6	5.5	6.6	7.7	7.7
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636
 CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2285.1	2303.7	2322.3	2340.9	2359.5	2387.9	2416.3	2445.9	2475.4	2459.0	2441.5
5°	2392.3	2403.2	2415.2	2426.2	2437.1	2468.8	2499.5	2537.8	2574.9	2570.6	2565.1
7.5°	1941.6	1956.9	1972.2	1986.5	2001.8	2049.9	2098.0	2138.5	2179.0	2173.5	2166.9
10°	1516.1	1547.8	1580.6	1612.4	1644.1	1683.5	1721.7	1755.6	1789.6	1846.4	1902.2
12.5°	1361.9	1411.1	1460.3	1509.5	1558.8	1587.2	1614.5	1658.3	1702.0	1732.7	1764.4
15°	1236.1	1282.0	1327.9	1373.9	1419.8	1422.0	1424.2	1470.1	1516.1	1542.3	1567.5
17.5°	1121.2	1146.4	1171.5	1195.6	1220.7	1212.0	1203.2	1225.1	1245.9	1256.8	1268.9
20°	989.9	1007.4	1024.9	1042.4	1060.0	1072.0	1082.9	1096.0	1108.1	1097.1	1085.1
22.5°	913.4	939.6	967.0	993.2	1019.5	1027.1	1033.7	1026.0	1018.4	1015.1	1011.8
25°	851.0	882.7	915.6	947.3	979.0	994.3	1009.6	1016.2	1021.7	1009.6	997.6
27.5°	802.9	841.2	878.4	916.7	953.8	981.2	1008.5	1016.2	1022.8	1014.0	1004.2
30°	767.9	809.5	851.0	892.6	934.2	975.7	1016.2	1052.3	1087.3	1084.0	1080.7
32.5°	762.4	790.9	819.3	847.7	876.2	902.4	927.6	929.8	930.9	922.1	912.3
35°	739.5	758.0	776.6	795.2	813.8	830.2	845.6	843.4	841.2	832.4	823.7
37.5°	718.7	737.3	757.0	775.5	794.1	822.6	849.9	844.5	837.9	829.1	820.4
40°	715.4	736.2	757.0	776.6	797.4	823.7	849.9	844.5	839.0	828.1	817.1
42.5°	707.7	728.5	748.2	769.0	788.7	820.4	851.0	841.2	830.2	821.5	812.7
45°	688.0	706.6	725.2	743.8	762.4	796.3	830.2	818.2	806.2	802.9	798.5
47.5°	661.8	680.4	699.0	717.6	736.2	770.1	802.9	793.0	782.1	781.0	778.8
50°	633.3	650.8	669.4	686.9	704.4	738.4	771.2	762.4	753.7	754.8	754.8
52.5°	607.1	623.5	638.8	655.2	670.5	704.4	737.3	730.7	723.0	725.2	726.3
55°	581.9	595.1	608.2	621.3	634.4	667.3	700.1	690.2	680.4	683.7	686.9
57.5°	554.6	565.5	576.5	586.3	597.2	630.1	661.8	650.8	638.8	644.3	648.7
60°	524.0	533.8	543.6	552.4	562.2	591.8	620.2	610.4	599.4	607.1	613.7
62.5°	492.2	499.9	507.6	515.2	522.9	550.2	577.6	569.9	562.2	571.0	578.7
65°	459.4	464.9	471.5	476.9	482.4	508.6	533.8	528.3	522.9	530.5	538.2
67.5°	423.3	427.7	433.2	437.5	441.9	466.0	490.0	484.6	478.0	484.6	490.0
70°	383.9	388.3	391.6	396.0	399.3	421.1	443.0	435.4	426.6	433.2	438.6
72.5°	344.6	346.8	350.0	352.2	354.4	370.8	387.2	380.7	374.1	380.7	386.1
75°	297.5	299.7	301.9	304.1	306.3	320.5	333.6	326.0	317.2	323.8	330.3
77.5°	249.4	250.5	252.7	253.8	254.9	264.7	273.5	265.8	257.1	264.7	272.4
80°	193.6	194.7	195.8	195.8	196.9	200.2	203.5	198.0	191.4	201.3	211.1
82.5°	142.2	141.1	141.1	140.0	138.9	138.9	137.8	134.5	130.2	138.9	147.7
85°	82.0	80.9	78.8	77.7	75.5	72.2	68.9	67.8	66.7	74.4	82.0
87.5°	8.8	7.7	5.5	4.4	2.2	1.1	0.0	0.0	0.0	4.4	9.8
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636

CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2425.1	2407.6	2391.2	2374.8	2358.4	2342.0	2372.6	2403.2	2433.8	2464.5	2491.8
5°	2560.7	2555.3	2541.0	2527.9	2513.7	2499.5	2507.1	2515.9	2523.5	2531.2	2547.6
7.5°	2161.5	2154.9	2185.5	2215.1	2245.7	2275.2	2282.9	2289.5	2297.1	2303.7	2299.3
10°	1959.1	2014.9	2029.1	2042.2	2056.5	2069.6	2091.5	2113.3	2134.1	2156.0	2168.0
12.5°	1795.0	1825.7	1876.0	1927.4	1977.7	2028.0	2060.8	2093.7	2126.5	2159.3	2227.1
15°	1593.8	1618.9	1657.2	1695.5	1733.8	1772.1	1819.1	1867.2	1914.3	1961.3	2035.7
17.5°	1279.8	1290.8	1319.2	1347.6	1375.0	1403.4	1466.9	1529.2	1592.7	1655.0	1740.3
20°	1074.2	1062.1	1062.1	1063.2	1063.2	1063.2	1126.7	1189.0	1252.5	1314.8	1427.5
22.5°	1007.4	1004.2	992.1	979.0	967.0	953.8	986.7	1020.6	1053.4	1086.2	1178.1
25°	984.5	972.4	957.1	941.8	926.5	911.2	932.0	952.8	973.5	994.3	1066.5
27.5°	995.4	985.6	993.2	999.8	1007.4	1014.0	1020.6	1027.1	1033.7	1040.3	1065.4
30°	1077.5	1074.2	1086.2	1097.1	1109.2	1120.1	1104.8	1090.6	1075.3	1060.0	1068.7
32.5°	903.5	893.7	889.3	884.9	880.6	876.2	875.1	874.0	871.8	870.7	890.4
35°	814.9	806.2	799.6	793.0	785.4	778.8	782.1	784.3	787.6	789.8	811.6
37.5°	811.6	802.9	795.2	787.6	778.8	771.2	774.5	778.8	782.1	785.4	801.8
40°	806.2	795.2	790.9	786.5	782.1	777.7	779.9	782.1	783.2	785.4	797.4
42.5°	802.9	794.1	792.0	789.8	787.6	785.4	787.6	789.8	790.9	793.0	807.3
45°	795.2	790.9	793.0	795.2	797.4	799.6	799.6	799.6	799.6	799.6	814.9
47.5°	777.7	775.5	782.1	788.7	795.2	801.8	812.7	823.7	833.5	844.5	847.7
50°	755.9	755.9	766.8	777.7	787.6	798.5	824.8	849.9	876.2	901.3	884.9
52.5°	728.5	729.6	746.0	761.3	777.7	793.0	817.1	841.2	864.2	888.2	864.2
55°	689.1	692.4	713.2	732.9	753.7	773.4	792.0	810.6	829.1	847.7	822.6
57.5°	654.1	658.5	680.4	701.2	723.0	743.8	754.8	766.8	777.7	788.7	772.3
60°	621.3	627.9	656.3	684.8	712.1	740.5	731.8	723.0	713.2	704.4	703.4
62.5°	587.4	595.1	621.3	647.6	672.7	699.0	685.9	672.7	658.5	645.4	650.8
65°	544.7	552.4	564.4	576.5	587.4	599.4	598.3	598.3	597.2	596.2	607.1
67.5°	496.6	502.1	509.7	516.3	524.0	530.5	534.9	540.4	544.7	549.1	562.2
70°	445.2	450.7	458.3	464.9	472.5	479.1	484.6	490.0	494.4	499.9	513.0
72.5°	392.7	398.2	405.8	413.5	420.0	427.7	432.1	436.5	439.7	444.1	455.0
75°	336.9	343.5	351.1	357.7	365.3	371.9	375.2	378.5	381.8	385.0	394.9
77.5°	280.0	287.7	295.3	303.0	310.7	318.3	319.4	320.5	321.6	322.7	331.4
80°	219.9	229.7	237.4	245.0	252.7	260.3	260.3	260.3	260.3	260.3	264.7
82.5°	156.4	165.2	173.9	181.6	190.3	198.0	198.0	196.9	196.9	195.8	195.8
85°	89.7	97.4	102.8	109.4	114.9	120.3	120.3	120.3	119.2	119.2	117.0
87.5°	14.2	18.6	20.8	24.1	26.3	28.4	27.3	27.3	26.3	25.2	21.9
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636

CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2519.2	2546.5	2573.9	2569.5	2565.1	2560.7	2556.4	2572.8	2588.1	2604.5	2619.8
5°	2562.9	2579.3	2594.6	2606.7	2618.7	2630.7	2642.8	2698.6	2753.2	2809.0	2863.7
7.5°	2294.9	2289.5	2285.1	2336.5	2389.0	2440.4	2491.8	2562.9	2634.0	2705.1	2776.2
10°	2180.1	2192.1	2204.1	2224.9	2246.8	2267.6	2288.4	2358.4	2428.4	2498.4	2568.4
12.5°	2293.8	2361.6	2428.4	2444.8	2462.3	2478.7	2495.1	2509.3	2523.5	2536.7	2550.9
15°	2110.1	2184.4	2258.8	2301.5	2344.1	2385.7	2428.4	2535.6	2641.7	2748.9	2855.0
17.5°	1824.6	1909.9	1994.1	2099.1	2204.1	2309.1	2414.2	2512.6	2611.0	2708.4	2806.8
20°	1540.2	1651.7	1764.4	1879.3	1993.0	2107.9	2221.6	2317.9	2414.2	2509.3	2605.6
22.5°	1268.9	1360.8	1451.6	1591.6	1730.5	1870.5	2009.4	2188.8	2367.1	2546.5	2724.8
25°	1137.6	1209.8	1280.9	1425.3	1569.7	1713.0	1857.4	2090.4	2322.3	2555.3	2787.2
27.5°	1091.7	1116.8	1142.0	1273.3	1403.4	1534.7	1664.9	1916.4	2168.0	2418.5	2670.1
30°	1077.5	1086.2	1095.0	1197.8	1300.6	1403.4	1506.2	1754.6	2004.0	2252.3	2500.6
32.5°	909.0	928.7	947.3	1047.9	1147.5	1248.1	1347.6	1598.1	1847.5	2098.0	2347.4
35°	833.5	855.4	877.3	975.7	1074.2	1171.5	1270.0	1533.6	1798.3	2061.9	2325.5
37.5°	818.2	834.6	851.0	962.6	1074.2	1185.7	1297.3	1564.2	1831.1	2098.0	2364.9
40°	810.6	822.6	834.6	942.9	1052.3	1160.6	1268.9	1548.9	1827.8	2107.9	2386.8
42.5°	820.4	834.6	847.7	946.2	1043.5	1142.0	1239.3	1529.2	1818.0	2107.9	2396.7
45°	829.1	844.5	858.7	950.6	1042.4	1134.3	1226.2	1535.8	1844.3	2153.8	2462.3
47.5°	849.9	853.2	855.4	935.3	1014.0	1093.9	1172.6	1487.7	1802.7	2116.6	2431.7
50°	867.4	851.0	833.5	916.7	998.7	1081.8	1163.9	1462.5	1761.1	2058.6	2357.3
52.5°	840.1	814.9	790.9	880.6	970.3	1058.9	1148.6	1447.2	1746.9	2045.5	2344.1
55°	798.5	773.4	748.2	839.0	929.8	1020.6	1111.4	1408.9	1707.5	2005.0	2302.6
57.5°	757.0	740.5	724.1	798.5	874.0	948.4	1022.8	1345.4	1667.0	1989.7	2311.3
60°	702.3	700.1	699.0	757.0	816.0	874.0	932.0	1248.1	1563.1	1879.3	2194.3
62.5°	655.2	660.7	665.1	712.1	759.1	805.1	852.1	1157.3	1463.6	1768.8	2074.0
65°	619.1	630.1	641.0	694.6	748.2	800.7	854.3	1110.3	1366.2	1622.2	1878.2
67.5°	575.4	588.5	601.6	671.6	741.6	811.6	881.7	1092.8	1303.9	1515.0	1726.1
70°	525.1	538.2	550.2	639.9	728.5	818.2	906.8	1093.9	1282.0	1469.1	1656.1
72.5°	466.0	476.9	487.9	584.1	680.4	776.6	872.9	1031.5	1190.1	1347.6	1506.2
75°	405.8	415.7	425.5	508.6	591.8	674.9	758.0	880.6	1002.0	1124.5	1245.9
77.5°	339.1	347.8	355.5	411.3	467.1	522.9	578.7	672.7	765.7	859.8	952.8
80°	269.1	273.5	277.8	310.7	342.4	375.2	406.9	469.3	531.6	592.9	655.2
82.5°	196.9	196.9	196.9	217.7	239.6	260.3	281.1	312.8	343.5	375.2	405.8
85°	114.9	111.6	109.4	123.6	137.8	152.0	166.3	179.4	192.5	205.6	218.8
87.5°	18.6	14.2	10.9	19.7	28.4	37.2	45.9	50.3	55.8	60.2	64.5
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636

CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2582.6	2546.5	2509.3	2472.1	2526.8	2581.5	2636.2	2690.9	2836.4	2922.8	2928.3
5°	2909.7	2955.6	3001.6	3047.5	3093.4	3139.4	3184.2	3230.2	3466.4	3611.9	3639.3
7.5°	2851.7	2928.3	3003.7	3079.2	3209.4	3339.6	3469.7	3599.9	3800.1	3944.5	4039.6
10°	2662.5	2756.5	2850.6	2944.7	3098.9	3254.2	3408.5	3562.7	3774.9	3965.2	4056.0
12.5°	2700.7	2850.6	2999.4	3149.2	3282.7	3417.2	3550.7	3684.1	3830.7	3902.9	4068.1
15°	2958.9	3062.8	3166.7	3270.6	3471.9	3672.1	3873.4	4073.5	4156.7	4321.8	4470.6
17.5°	2998.3	3188.6	3380.0	3570.4	3816.5	4062.6	4308.7	4554.8	4709.1	4922.4	5101.8
20°	2875.8	3144.9	3415.0	3684.1	4001.3	4319.7	4636.9	4954.1	5149.9	5329.3	5607.1
22.5°	3022.3	3319.9	3616.3	3913.8	4335.0	4755.0	5176.2	5596.2	6005.3	6405.7	6593.8
25°	3184.2	3582.4	3979.5	4376.5	4902.7	5427.7	5953.9	6478.9	7005.1	7380.3	7596.9
27.5°	3070.5	3469.7	3870.1	4269.3	4920.2	5572.1	6223.0	6873.8	7437.2	7888.9	8074.9
30°	2990.6	3480.7	3970.7	4460.8	5224.3	5987.8	6751.3	7514.8	8035.5	8539.8	8813.2
32.5°	2976.4	3605.4	4233.2	4862.2	5751.5	6639.7	7529.0	8417.3	8762.9	9210.3	9578.9
35°	3015.8	3707.1	4397.3	5087.5	6107.0	7126.5	8144.9	9164.4	9655.5	10098.5	10421.2
37.5°	3136.1	3907.3	4677.4	5448.5	6676.9	7906.4	9134.8	10363.2	11186.9	11997.5	12141.9
40°	3203.9	4022.1	4839.2	5656.4	7084.9	8513.5	9942.1	11370.7	12318.0	13207.3	13267.4
42.5°	3283.8	4170.9	5056.9	5944.0	7528.0	9113.0	10696.9	12280.8	13453.4	14409.4	14437.9
45°	3375.7	4287.9	5201.3	6113.6	7767.5	9420.3	11074.3	12727.1	14144.7	15306.4	15023.1
47.5°	3411.8	4392.9	5373.0	6353.1	8116.5	9878.7	11642.0	13404.2	14676.3	15733.0	15461.7
50°	3426.0	4495.8	5564.5	6633.2	8459.9	10287.8	12114.5	13941.3	15235.3	16265.7	15850.1
52.5°	3514.6	4685.0	5855.4	7025.9	8929.2	10832.5	12735.8	14639.1	15912.4	16902.3	16386.0
55°	3633.8	4965.0	6295.2	7626.4	9596.4	11565.4	13535.4	15504.4	16782.0	17703.1	17063.1
57.5°	3744.3	5178.3	6611.3	8044.3	10085.4	12127.6	14168.8	16209.9	17504.0	18415.2	17794.9
60°	3690.7	5187.1	6683.5	8179.9	10186.0	12191.1	14197.2	16202.3	17671.3	18764.1	18446.9
62.5°	3528.8	4983.6	6437.4	7892.2	9796.6	11699.9	13604.4	15507.7	17227.2	18628.5	18614.2
65°	3217.0	4555.9	5893.7	7232.6	8994.8	10758.1	12520.3	14282.5	16309.5	18011.5	18122.0
67.5°	2837.5	3948.8	5060.2	6171.6	7831.0	9490.3	11149.7	12809.1	14976.1	16854.2	16949.4
70°	2469.9	3284.9	4098.7	4912.5	6369.6	7826.6	9282.5	10739.5	12928.3	14828.4	14915.9
72.5°	2039.0	2571.7	3103.3	3636.0	4816.3	5996.5	7175.7	8356.0	10277.9	11739.3	12232.7
75°	1562.0	1878.2	2194.3	2510.4	3465.4	4420.3	5374.1	6329.1	7606.7	8685.3	9240.9
77.5°	1116.8	1280.9	1445.0	1609.1	2420.7	3232.4	4042.9	4854.6	5526.2	6137.7	6512.9
80°	732.9	809.5	887.1	963.7	1638.6	2313.5	2987.3	3662.2	4071.4	4399.5	4588.7
82.5°	444.1	482.4	519.6	557.9	1104.8	1651.7	2197.6	2744.5	2978.6	3135.0	3303.5
85°	239.6	260.3	281.1	301.9	653.0	1003.1	1354.2	1704.2	1727.2	1745.8	1996.3
87.5°	70.0	76.6	82.0	87.5	144.4	202.4	259.2	316.1	196.9	122.5	251.6
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636

CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2896.5	2882.3	2868.1	2852.8	2838.6	2778.4	2719.3	2659.2	2599.0	2657.0	2713.9
5°	3607.6	3651.3	3694.0	3737.7	3781.5	3784.8	3786.9	3790.2	3792.4	3803.4	3814.3
7.5°	4119.5	4197.1	4273.7	4351.4	4429.0	4489.2	4549.4	4610.6	4670.8	4616.1	4561.4
10°	4163.2	4327.3	4491.4	4655.5	4819.6	4849.1	4877.5	4907.1	4936.6	4976.0	5014.3
12.5°	4207.0	4407.2	4606.2	4806.4	5006.6	5094.1	5180.5	5268.0	5354.5	5397.1	5438.7
15°	4669.7	4787.8	4904.9	5023.0	5140.1	5200.2	5259.3	5319.4	5379.6	5415.7	5450.7
17.5°	5264.8	5308.5	5351.2	5394.9	5438.7	5479.2	5519.6	5560.1	5600.6	5607.1	5613.7
20°	5807.3	5816.1	5823.7	5832.5	5840.1	5754.8	5670.6	5585.3	5499.9	5515.2	5529.5
22.5°	6621.1	6573.0	6526.0	6477.8	6430.8	6270.0	6110.3	5949.5	5789.8	5720.9	5653.1
25°	7846.3	7723.8	7601.2	7478.7	7356.2	7100.3	6845.4	6589.4	6334.6	6184.7	6035.9
27.5°	8241.2	7974.2	7708.4	7441.5	7174.6	6981.0	6788.5	6594.9	6402.4	6165.0	5927.6
30°	9039.7	8618.5	8198.5	7777.4	7356.2	7169.2	6982.1	6794.0	6606.9	6364.1	6122.3
32.5°	9747.4	9309.9	8872.3	8433.7	7996.1	7641.7	7287.3	6932.9	6578.5	6414.4	6250.3
35°	10566.7	10016.5	9466.3	8916.1	8365.9	8061.8	7758.8	7454.7	7151.7	6903.4	6656.1
37.5°	11760.1	11174.9	10589.7	10003.4	9418.1	9006.9	8596.7	8185.4	7775.2	7638.4	7502.8
40°	12897.7	12206.4	11516.2	10824.9	10134.6	9819.6	9504.6	9188.4	8873.4	8642.6	8411.8
42.5°	13850.5	13166.8	12484.2	11800.6	11118.0	10888.3	10659.7	10430.0	10201.4	10011.0	9820.7
45°	14177.5	13619.7	13062.9	12505.0	11947.2	11866.2	11786.4	11705.4	11625.6	11484.4	11343.3
47.5°	14703.7	14134.9	13567.2	12998.4	12429.5	12459.1	12488.6	12519.2	12548.8	12556.4	12563.0
50°	15013.2	14472.9	13933.6	13393.2	12854.0	12997.3	13139.5	13282.8	13426.1	13750.9	14074.7
52.5°	15465.0	14934.5	14405.1	13874.5	13344.0	13586.9	13828.6	14071.4	14313.2	14768.2	15223.3
55°	16031.6	15524.1	15017.6	14510.1	14003.6	14239.9	14475.1	14711.3	14946.5	15453.0	15959.4
57.5°	16783.1	16239.5	15696.9	15153.3	14610.7	14828.4	15045.0	15262.6	15479.2	15960.5	16441.8
60°	17638.5	17047.8	16457.1	15865.4	15274.7	15334.8	15393.9	15454.1	15513.1	16034.9	16555.6
62.5°	18058.6	17511.6	16965.8	16418.9	15871.9	15704.6	15537.2	15368.8	15201.4	15668.5	16134.5
65°	17694.3	17318.0	16942.8	16566.5	16190.2	15894.9	15600.6	15305.3	15010.0	15302.0	15593.0
67.5°	16534.8	16321.5	16109.3	15896.0	15682.7	15187.2	14691.7	14195.0	13699.5	13719.2	13737.8
70°	14655.6	14598.7	14542.9	14486.0	14429.1	13684.2	12940.4	12195.5	11450.5	11336.8	11223.0
72.5°	12274.2	12311.4	12347.5	12384.7	12421.9	11621.2	10820.5	10019.8	9219.1	9029.8	8840.6
75°	9506.7	9712.4	9918.0	10124.8	10330.4	9564.7	8799.0	8032.2	7266.5	7033.5	6800.5
77.5°	6717.4	7101.3	7484.2	7868.1	8252.1	7559.7	6868.4	6175.9	5483.5	5332.6	5181.6
80°	4683.9	4872.1	5060.2	5248.3	5436.5	5088.6	4740.8	4392.9	4045.1	4086.7	4127.1
82.5°	3411.8	3455.5	3498.2	3541.9	3585.7	3443.5	3301.3	3158.0	3015.8	3124.1	3232.4
85°	2185.5	2342.0	2497.3	2653.7	2809.0	2651.5	2494.0	2335.4	2177.9	2250.1	2322.3
87.5°	489.0	773.4	1057.8	1343.3	1627.7	1474.5	1322.5	1169.3	1016.2	947.3	879.5
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636

CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2771.8	2829.8	2812.3	2795.9	2778.4	2760.9	2792.6	2824.3	2857.2	2888.9	2877.9
5°	3826.3	3837.3	3733.3	3630.5	3526.6	3422.7	3487.2	3551.8	3616.3	3680.8	3657.9
7.5°	4506.7	4452.0	4391.9	4331.7	4270.4	4210.3	4197.1	4184.0	4169.8	4156.7	4139.2
10°	5053.6	5091.9	5052.5	5014.3	4974.9	4935.5	4843.6	4751.7	4658.8	4566.9	4528.6
12.5°	5481.3	5524.0	5533.8	5542.6	5552.4	5562.3	5459.5	5357.7	5254.9	5152.1	5059.1
15°	5486.8	5522.9	5554.6	5585.3	5617.0	5647.6	5584.2	5521.8	5458.4	5394.9	5365.4
17.5°	5621.4	5627.9	5601.7	5576.5	5550.3	5525.1	5499.9	5475.9	5450.7	5426.6	5379.6
20°	5544.8	5560.1	5556.8	5553.5	5549.2	5545.9	5548.1	5549.2	5551.3	5552.4	5526.2
22.5°	5584.2	5515.2	5529.5	5542.6	5556.8	5569.9	5609.3	5648.7	5689.2	5728.6	5833.6
25°	5886.1	5736.2	5713.2	5691.4	5668.4	5646.5	5749.3	5851.1	5953.9	6056.7	6227.4
27.5°	5689.2	5451.8	5399.3	5346.8	5294.3	5241.8	5398.2	5553.5	5710.0	5866.4	6040.3
30°	5879.5	5637.8	5521.8	5405.9	5288.8	5172.9	5322.7	5471.5	5621.4	5770.1	5962.6
32.5°	6086.2	5922.2	5844.5	5767.9	5690.3	5613.7	5625.7	5637.8	5649.8	5661.8	5933.1
35°	6407.8	6159.5	6083.0	6006.4	5929.8	5853.3	5981.2	6108.1	6236.1	6363.0	6592.7
37.5°	7366.1	7229.3	7091.5	6953.7	6814.8	6676.9	6752.4	6827.9	6903.4	6978.8	7195.4
40°	8181.0	7950.2	7927.2	7905.3	7882.4	7859.4	7866.0	7871.4	7878.0	7884.6	8069.4
42.5°	9629.3	9438.9	9321.9	9204.8	9087.8	8970.8	8963.1	8955.4	8946.7	8939.0	9078.0
45°	11201.1	11060.0	10972.5	10885.0	10796.4	10708.9	10570.0	10431.1	10291.0	10152.1	10273.5
47.5°	12570.7	12578.3	12736.9	12894.4	13053.0	13211.7	12974.3	12736.9	12499.6	12262.2	12105.8
50°	14399.6	14723.4	14761.7	14798.8	14837.1	14875.4	14472.9	14071.4	13668.9	13266.3	13102.3
52.5°	15679.4	16134.5	16075.4	16017.4	15958.3	15899.3	15666.3	15434.4	15201.4	14968.4	14610.7
55°	16467.0	16973.4	16928.6	16884.8	16840.0	16795.1	16625.6	16456.0	16286.5	16117.0	15724.3
57.5°	16923.1	17404.4	17417.6	17430.7	17443.8	17456.9	17412.1	17367.2	17322.4	17277.5	16766.7
60°	17077.4	17599.1	17604.6	17609.0	17614.4	17618.8	17547.7	17476.6	17404.4	17333.3	16999.7
62.5°	16601.5	17067.5	17088.3	17108.0	17128.8	17149.6	17100.3	17051.1	17001.9	16952.7	16705.4
65°	15885.1	16177.1	16182.6	16187.0	16192.4	16197.9	16073.2	15949.6	15824.9	15700.2	15641.1
67.5°	13757.5	13777.2	13893.1	14009.1	14125.0	14241.0	14250.8	14260.7	14271.6	14281.5	14196.1
70°	11109.3	10995.5	11121.3	11247.1	11372.9	11498.7	11552.3	11605.9	11660.6	11714.2	11753.5
72.5°	8650.3	8461.0	8554.0	8647.0	8741.0	8834.0	8754.2	8674.3	8594.5	8514.6	8767.3
75°	6567.5	6334.6	6322.5	6311.6	6299.5	6288.6	6248.1	6207.7	6166.1	6125.6	6361.9
77.5°	5029.6	4878.6	4886.3	4892.8	4900.5	4907.1	4865.5	4825.0	4783.5	4741.9	4832.7
80°	4168.7	4209.2	4210.3	4211.4	4212.5	4213.6	4174.2	4135.9	4096.5	4057.1	3991.5
82.5°	3341.7	3450.0	3448.9	3448.9	3447.9	3446.8	3444.6	3442.4	3439.1	3436.9	3329.7
85°	2394.5	2466.7	2392.3	2317.9	2243.5	2169.1	2223.8	2278.5	2334.3	2389.0	2344.1
87.5°	810.6	742.7	654.1	566.6	478.0	389.4	484.6	579.7	676.0	771.2	825.9
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636

CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0	2377.0
2.5°	2868.1	2857.2	2847.3	2778.4	2708.4	2639.5	2569.5	2696.4	2824.3	2951.2	3078.1
5°	3636.0	3613.0	3591.1	3585.7	3580.2	3573.6	3568.2	3632.7	3697.3	3760.7	3825.2
7.5°	4121.7	4104.2	4086.7	4040.7	3995.9	3949.9	3904.0	3943.4	3981.7	4021.0	4059.3
10°	4491.4	4453.1	4414.8	4315.3	4216.8	4117.3	4017.8	3988.2	3958.7	3929.1	3899.6
12.5°	4966.1	4872.1	4779.1	4666.4	4552.7	4440.0	4326.2	4310.9	4295.6	4281.4	4266.1
15°	5336.9	5307.4	5277.9	5188.2	5098.5	5008.8	4919.1	4798.8	4677.4	4557.0	4436.7
17.5°	5333.7	5286.6	5240.7	5361.0	5480.2	5600.6	5719.8	5591.8	5462.7	5334.8	5206.8
20°	5499.9	5472.6	5446.3	5668.4	5889.3	6111.4	6332.4	6262.4	6191.3	6121.2	6050.1
22.5°	5937.5	6042.5	6146.4	6336.7	6526.0	6716.3	6905.5	6985.4	7065.3	7145.1	7225.0
25°	6396.9	6567.5	6738.2	7021.5	7303.7	7587.0	7870.3	7927.2	7984.1	8041.0	8097.9
27.5°	6213.1	6387.1	6561.0	6775.4	6988.7	7203.1	7416.4	7665.8	7916.3	8165.7	8415.1
30°	6154.1	6346.6	6538.0	6832.3	7125.4	7419.7	7713.9	8057.4	8400.9	8743.2	9086.7
32.5°	6203.3	6474.6	6745.8	7144.0	7541.1	7939.2	8337.4	8698.4	9060.5	9421.4	9782.4
35°	6821.3	7051.0	7279.6	7724.8	8170.0	8615.3	9060.5	9483.8	9907.1	10329.3	10752.7
37.5°	7410.9	7627.5	7844.1	8299.1	8753.1	9208.1	9663.2	10331.5	11001.0	11669.3	12337.7
40°	8253.2	8438.0	8621.8	9011.2	9400.6	9790.1	10179.5	10985.6	11791.8	12598.0	13404.2
42.5°	9215.8	9354.7	9492.5	9896.2	10299.8	10703.4	11107.1	11984.3	12862.7	13740.0	14617.3
45°	10393.9	10515.3	10636.7	10914.5	11192.4	11471.3	11749.2	12653.8	13558.4	14463.0	15367.7
47.5°	11949.3	11792.9	11636.5	11773.2	11910.0	12046.7	12183.4	13078.2	13973.0	14866.7	15761.4
50°	12938.2	12774.1	12610.0	12622.1	12633.0	12645.0	12657.1	13491.7	14326.3	15159.8	15994.4
52.5°	14253.0	13894.2	13536.5	13533.3	13530.0	13525.6	13522.3	14249.7	14978.2	15705.7	16433.1
55°	15331.6	14938.9	14546.2	14469.6	14393.0	14315.4	14238.8	14958.6	15677.2	16397.0	17115.6
57.5°	16255.9	15743.9	15233.1	15112.8	14992.5	14872.1	14751.8	15527.4	16304.0	17079.6	17855.1
60°	16667.2	16333.5	16001.0	15853.3	15705.7	15558.0	15410.3	16071.0	16731.7	17391.3	18052.0
62.5°	16459.3	16212.1	15966.0	15999.9	16033.8	16067.7	16101.6	16479.0	16857.5	17234.9	17612.3
65°	15583.1	15524.1	15466.1	15739.6	16013.0	16286.5	16560.0	16565.4	16570.9	16576.4	16581.8
67.5°	14110.8	14025.5	13940.2	14509.0	15076.7	15645.5	16214.3	15944.1	15673.9	15404.8	15134.7
70°	11791.8	11831.2	11869.5	12643.9	13417.3	14191.8	14966.2	14574.6	14181.9	13790.3	13397.6
72.5°	9020.0	9273.8	9526.4	10329.3	11132.2	11935.1	12738.0	12290.6	11842.1	11394.8	10946.3
75°	6598.2	6834.4	7070.7	7863.8	8656.8	9451.0	10244.0	9712.4	9180.8	8650.3	8118.6
77.5°	4923.5	5015.4	5106.1	5765.7	6424.2	7083.8	7742.4	7208.5	6674.7	6142.0	5608.2
80°	3927.0	3861.3	3796.8	4162.1	4527.5	4892.8	5258.2	4879.7	4500.1	4121.7	3743.2
82.5°	3223.6	3116.4	3010.3	3145.9	3281.6	3418.3	3554.0	3251.0	2948.0	2645.0	2342.0
85°	2299.3	2254.4	2209.6	2249.0	2287.3	2326.6	2366.0	2070.7	1775.3	1481.1	1185.7
87.5°	879.5	934.2	988.9	1051.2	1112.5	1174.8	1236.1	968.1	700.1	433.2	165.2
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: P368636
 CATALOG NUMBER: MSA-SA4D-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: P368636
 CATALOG NUMBER: MSA-SA4D-740-U-SLR

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	2377.0	2377.0
2.5°	3130.6	3183.1
5°	3824.1	3823.0
7.5°	4041.8	4023.2
10°	3851.5	3803.4
12.5°	4123.9	3980.6
15°	4294.5	4151.2
17.5°	4991.3	4774.7
20°	5793.1	5534.9
22.5°	6832.3	6439.6
25°	7628.6	7158.2
27.5°	8136.1	7856.1
30°	8766.2	8445.7
32.5°	9546.1	9308.8
35°	10536.1	10318.4
37.5°	12269.8	12200.9
40°	13322.1	13239.0
42.5°	14620.5	14622.7
45°	15416.9	15466.1
47.5°	15886.1	16009.8
50°	16260.2	16525.0
52.5°	16795.1	17157.2
55°	17596.9	18077.2
57.5°	18264.2	18673.3
60°	18264.2	18475.3
62.5°	17606.8	17600.2
65°	16480.1	16377.3
67.5°	15005.6	14876.5
70°	13196.3	12994.0
72.5°	10695.8	10444.2
75°	7774.1	7428.4
77.5°	5444.1	5279.0
80°	3823.0	3902.9
82.5°	2455.7	2569.5
85°	1168.2	1150.7
87.5°	137.8	110.5
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: P368636
CATALOG NUMBER: MSA-SA4D-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)