

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: P367843

Luminaire Tested: **MSA-SA3B-740-U-SLR-HSS**

Issue Date: 12/2/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P367843  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 12/2/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA3B-740-U-SLR-HSS  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS  
EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10723 lumens  
Efficiency: N/A  
Efficacy: 85.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G2

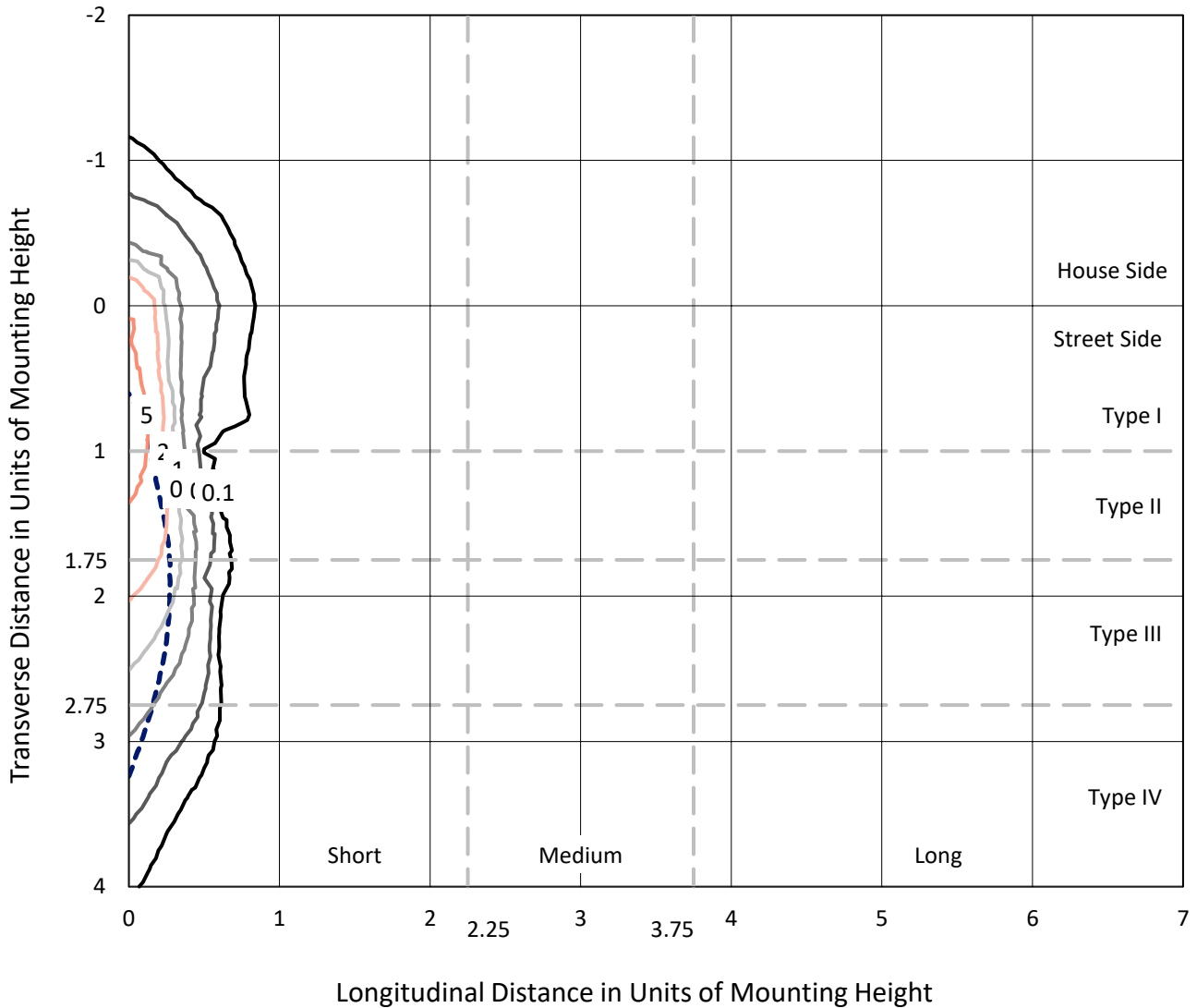
Input Watts (W): 126  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

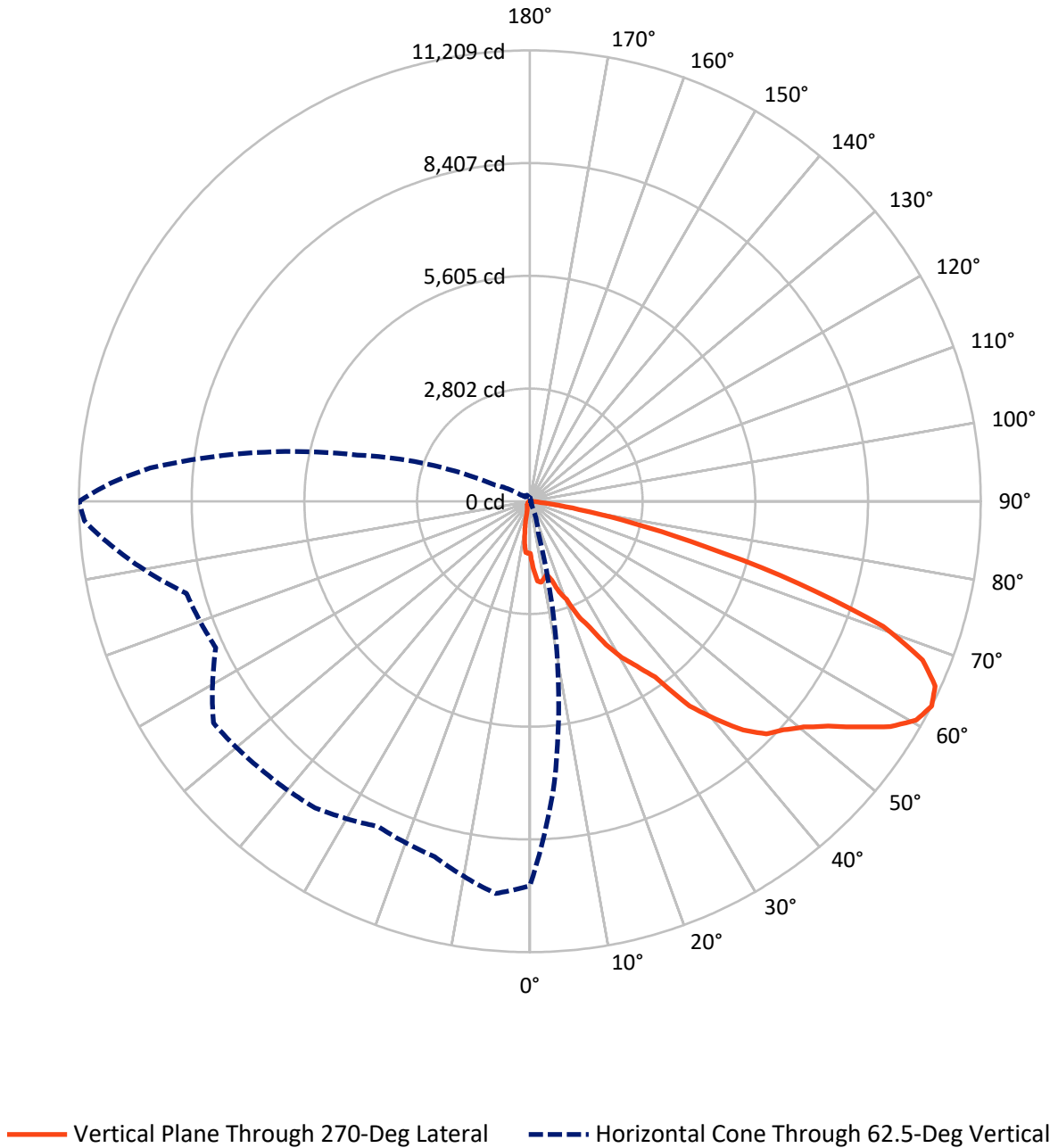
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8.6 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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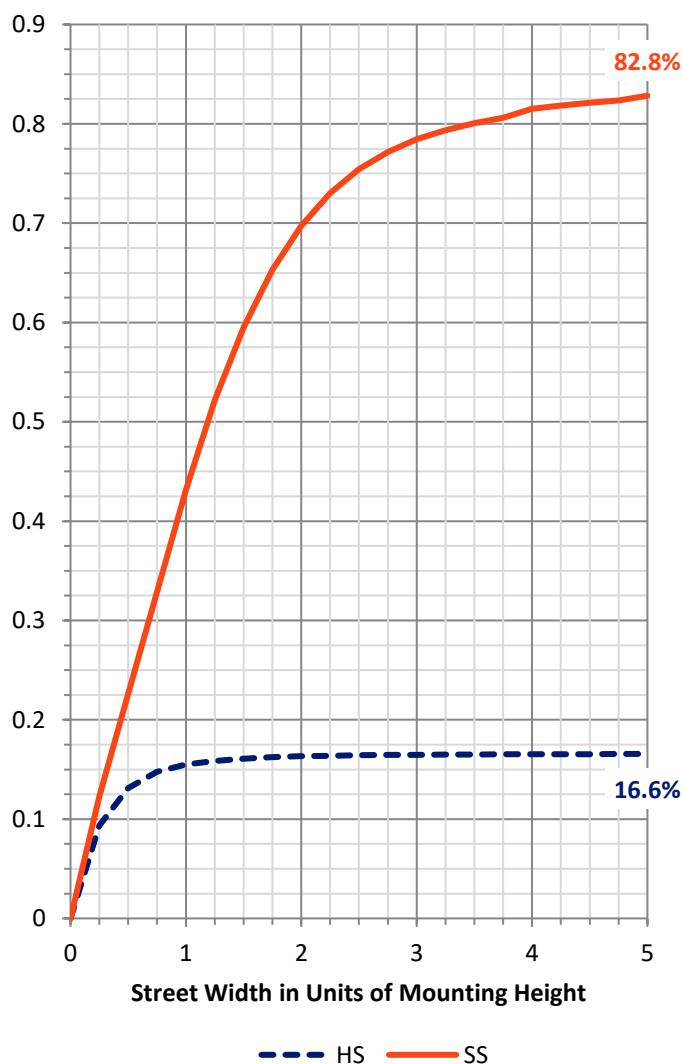
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1790.6	0.0	1790.6
	% Fixture	16.7	0.0	16.7
<b>Street Side</b>	Lumens	8932.4	0.0	8932.4
	% Fixture	83.3	0.0	83.3
<b>Total</b>	Lumens	10723.0	0.0	10723.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	144.4	1.3
10°-20°	377.1	3.5
20°-30°	609.6	5.7
30°-40°	1020.9	9.5
40°-50°	1669.0	15.6
50°-60°	2470.6	23.0
60°-70°	2836.3	26.5
70°-80°	1402.4	13.1
80°-90°	192.6	1.8
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°	10723.0	100.0
0°-180°	10723.0	100.0

**Coefficient of Utilization**

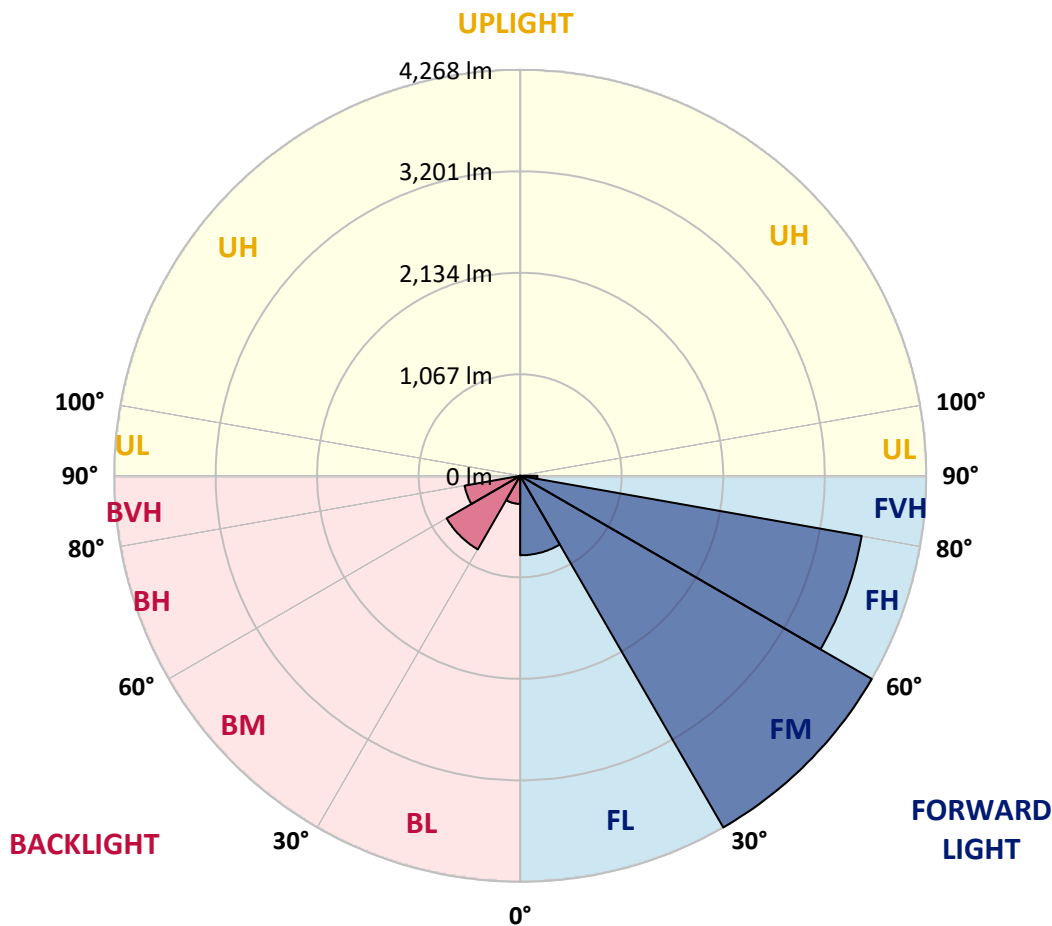


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	835.4	7.8			
FM (30°-60°)	4268.3	39.8			
FH (60°-80°)	3646.3	34.0			G2/5000
FVH (80°-90°)	182.4	1.7			G2/225
BL (0°-30°)	295.7	2.8	B1/500		
BM (30°-60°)	892.3	8.3	B1/1000		
BH (60°-80°)	592.4	5.5	B2/1000		G2/1000
BVH (80°-90°)	10.2	0.1			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**  
 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°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1713.3	1734.7	1755.5	1715.8	1676.0	1636.3	1596.6	1561.1	1525.7	1489.6	1454.2
5°	2204.8	2165.6	2126.5	2072.7	2018.9	1965.2	1911.4	1886.3	1861.2	1836.2	1811.1
7.5°	2375.9	2306.2	2235.9	2188.3	2141.2	2093.5	2045.8	1970.7	1894.9	1819.7	1743.9
10°	2241.4	2167.5	2092.9	2051.3	2009.8	1968.2	1926.6	1833.1	1739.0	1645.5	1551.3
12.5°	2303.2	2223.1	2143.0	2057.5	1971.9	1886.3	1800.7	1729.2	1657.1	1585.6	1513.4
15°	2346.0	2254.3	2162.0	2064.2	1966.4	1868.6	1770.8	1686.4	1602.7	1518.3	1434.0
17.5°	2597.2	2465.8	2334.3	2184.0	2033.6	1883.2	1732.9	1635.1	1537.9	1440.1	1342.3
20°	2919.9	2733.5	2546.4	2342.9	2139.4	1935.8	1732.3	1610.6	1489.0	1367.4	1245.7
22.5°	3295.2	3062.3	2828.8	2577.6	2327.0	2075.8	1824.6	1649.8	1474.9	1300.1	1125.3
25°	3673.0	3462.7	3252.4	2914.4	2576.4	2237.8	1899.7	1677.9	1455.4	1233.5	1011.0
27.5°	4355.1	3979.2	3603.3	3173.0	2743.3	2313.0	1882.6	1628.4	1374.1	1119.2	864.9
30°	4801.3	4512.2	4222.5	3654.0	3086.2	2517.7	1949.3	1627.1	1305.0	982.3	660.1
32.5°	5334.9	4912.0	4488.4	3871.6	3254.9	2638.1	2021.4	1643.0	1264.1	885.7	506.7
35°	5934.6	5474.3	5014.0	4232.9	3451.7	2669.9	1888.7	1522.0	1155.3	788.5	421.8
37.5°	6993.9	6223.7	5453.5	4542.8	3631.4	2720.7	1809.3	1443.1	1076.4	710.3	343.5
40°	7595.3	6860.0	6124.7	4986.5	3848.4	2710.3	1572.1	1246.9	922.4	597.2	272.0
42.5°	8377.7	7445.0	6511.6	5239.6	3967.6	2695.6	1423.6	1122.9	822.1	520.8	220.0
45°	8841.7	7784.8	6728.0	5349.6	3971.3	2592.9	1214.5	954.2	693.8	433.4	173.0
47.5°	9134.4	8074.5	7014.6	5534.8	4055.6	2575.8	1096.0	856.4	616.7	377.1	137.5
50°	9283.0	8220.0	7156.5	5635.7	4114.9	2593.5	1072.7	834.3	595.4	357.0	118.0
52.5°	9437.6	8412.6	7386.9	5810.5	4234.1	2657.7	1081.3	838.0	595.4	352.1	108.8
55°	9750.0	8739.0	7727.4	6061.1	4394.9	2728.6	1062.3	822.7	583.1	342.9	103.3
57.5°	10133.8	9053.1	7971.9	6244.5	4517.1	2789.7	1062.3	821.5	580.7	339.2	98.4
60°	10061.1	8888.1	7714.5	6038.5	4362.5	2685.8	1009.8	780.6	552.0	322.7	93.5
62.5°	9561.7	8288.5	7014.6	5465.8	3916.2	2367.4	817.8	635.1	452.3	268.9	86.2
65°	8974.9	7623.4	6271.4	4845.9	3419.9	1994.5	568.5	446.2	323.3	201.1	78.2
67.5°	8268.3	6827.0	5385.7	4118.0	2850.8	1583.1	315.4	254.3	193.2	131.4	70.3
70°	7042.2	5554.4	4066.0	3091.7	2118.0	1143.6	169.3	143.0	116.7	90.5	64.2
72.5°	5286.7	3923.6	2560.5	1945.0	1330.1	714.5	99.0	89.2	78.9	69.1	58.7
75°	3597.2	2575.8	1554.4	1183.4	813.0	441.9	70.9	66.0	60.5	55.6	50.1
77.5°	2445.6	1768.9	1092.3	833.7	575.2	316.6	58.1	55.0	52.0	48.3	45.2
80°	1526.9	1045.2	563.6	434.0	303.8	174.2	44.0	42.2	40.3	37.9	36.1
82.5°	1067.8	638.8	209.7	163.8	118.0	71.5	25.7	26.3	26.9	26.9	27.5
85°	448.0	242.1	36.1	30.6	25.1	19.6	14.1	15.3	17.1	18.3	19.6
87.5°	7.9	4.3	0.0	1.2	3.1	4.3	5.5	7.3	8.6	10.4	11.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**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°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1463.3	1472.5	1481.0	1490.2	1482.9	1476.2	1468.8	1461.5	1450.5	1440.1	1429.1
5°	1780.6	1750.0	1719.4	1688.9	1642.4	1596.0	1548.9	1502.4	1496.9	1491.4	1485.3
7.5°	1672.4	1600.9	1528.7	1457.2	1390.0	1322.7	1255.5	1188.3	1167.5	1147.3	1126.5
10°	1496.3	1441.3	1385.7	1330.7	1282.4	1233.5	1185.2	1136.3	1085.6	1034.8	983.5
12.5°	1456.0	1398.5	1340.5	1283.0	1239.0	1195.0	1151.0	1107.0	1050.1	993.3	936.4
15°	1371.6	1309.3	1246.9	1184.6	1125.9	1067.2	1007.9	949.3	880.8	812.3	743.9
17.5°	1268.3	1195.0	1121.0	1047.1	970.0	893.0	816.0	739.0	660.1	581.9	503.1
20°	1145.5	1045.2	944.4	844.1	748.8	653.4	557.5	462.1	412.6	363.7	314.2
22.5°	995.7	865.5	735.9	605.7	527.5	448.7	370.4	291.6	270.2	248.8	227.4
25°	863.7	716.4	569.1	421.8	372.2	322.7	273.2	223.7	213.9	203.5	193.8
27.5°	726.2	588.0	449.3	310.5	282.4	253.7	225.5	196.8	190.1	184.0	177.3
30°	556.8	453.5	349.6	246.3	228.0	209.7	190.7	172.4	169.3	165.6	162.6
32.5°	431.5	355.7	280.6	204.8	194.4	184.0	173.6	163.2	158.3	153.4	147.9
35°	360.6	300.1	239.0	177.9	170.5	162.6	155.3	147.3	142.4	136.9	132.0
37.5°	298.9	254.9	210.3	165.6	157.7	149.8	141.2	133.3	129.6	125.9	122.2
40°	246.3	220.7	195.0	169.3	157.7	146.1	134.5	122.9	119.8	116.7	113.7
42.5°	203.5	187.0	169.9	153.4	144.9	136.9	128.4	119.8	115.5	110.6	106.4
45°	164.4	155.3	146.7	137.5	138.1	138.8	138.8	139.4	128.4	116.7	105.7
47.5°	133.3	129.0	124.1	119.8	124.7	129.6	133.9	138.8	127.1	115.5	103.3
50°	114.3	111.2	107.6	103.9	108.8	114.3	119.2	124.1	119.2	114.9	110.0
52.5°	104.5	100.2	96.0	91.7	93.5	96.0	97.8	99.6	99.6	99.6	99.6
55°	98.4	94.1	89.2	84.4	82.5	80.1	78.2	75.8	72.7	70.3	67.2
57.5°	93.5	88.6	83.1	78.2	75.2	71.5	68.5	64.8	61.7	58.1	55.0
60°	88.6	83.7	78.2	73.3	70.3	67.2	63.6	60.5	56.8	53.8	50.1
62.5°	81.9	77.6	73.3	69.1	66.0	63.6	60.5	57.5	53.8	50.1	45.8
65°	74.6	71.5	67.8	64.2	61.1	58.1	55.0	52.0	48.3	45.2	41.6
67.5°	67.8	64.8	62.3	59.3	55.6	52.6	48.9	45.2	42.8	40.3	37.3
70°	62.3	59.9	58.1	55.6	52.0	48.9	45.2	41.6	39.7	37.3	35.5
72.5°	56.8	55.0	52.6	50.7	47.7	44.6	41.6	38.5	36.7	34.8	33.0
75°	48.9	47.7	46.5	45.2	42.2	39.1	35.5	32.4	31.8	31.2	30.6
77.5°	44.0	43.4	42.2	41.0	37.9	34.8	31.8	28.7	29.3	30.0	30.0
80°	36.1	36.1	35.5	35.5	33.0	30.6	27.5	25.1	26.3	28.1	29.3
82.5°	27.5	27.5	27.5	27.5	25.1	22.6	20.2	17.7	19.6	20.8	22.6
85°	18.9	18.3	17.7	17.1	15.3	14.1	12.2	10.4	12.8	14.7	17.1
87.5°	11.6	12.2	12.2	12.2	11.0	9.2	7.9	6.1	7.3	7.9	9.2
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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1418.1	1399.8	1381.4	1362.5	1344.1	1301.3	1258.6	1215.8	1173.0	1204.8	1235.9
5°	1479.8	1444.4	1408.3	1372.9	1336.8	1320.9	1305.6	1289.7	1273.8	1276.3	1279.3
7.5°	1105.7	1082.5	1059.3	1035.4	1012.2	1007.3	1003.1	998.2	993.3	1003.7	1013.4
10°	932.8	900.4	867.4	835.0	802.0	784.2	766.5	748.8	731.0	729.2	726.8
12.5°	879.6	830.1	781.2	731.7	682.1	643.6	605.1	566.6	528.1	531.2	534.2
15°	675.4	625.9	577.0	527.5	478.0	446.8	415.0	383.9	352.1	342.9	333.7
17.5°	424.2	387.5	350.9	313.6	276.9	266.5	256.7	246.3	235.9	232.9	229.8
20°	264.7	248.8	232.9	216.4	200.5	198.0	195.6	193.2	190.7	192.5	194.4
22.5°	206.0	199.3	191.9	185.2	177.9	175.4	173.0	170.5	168.1	169.9	171.1
25°	183.4	178.5	173.6	168.7	163.8	161.4	158.3	155.9	152.8	154.0	155.9
27.5°	170.5	166.3	162.0	157.7	153.4	149.1	145.5	141.2	136.9	139.4	141.2
30°	158.9	154.0	149.8	144.9	140.0	135.7	131.4	126.5	122.2	124.7	127.1
32.5°	143.0	138.8	133.9	129.6	124.7	122.2	119.8	116.7	114.3	116.1	117.4
35°	126.5	122.9	119.8	116.1	112.5	110.0	108.2	105.7	103.3	103.9	105.1
37.5°	118.6	114.3	110.0	105.7	101.5	100.2	99.0	97.2	96.0	96.0	96.0
40°	110.6	106.4	102.1	97.2	92.9	91.1	89.2	87.4	85.6	85.6	85.6
42.5°	101.5	97.2	92.9	88.6	84.4	82.5	80.1	78.2	75.8	75.8	75.8
45°	94.1	89.9	86.2	81.9	77.6	74.6	71.5	67.8	64.8	64.2	63.6
47.5°	91.7	85.6	79.5	73.3	67.2	64.2	61.1	57.5	54.4	53.8	53.2
50°	105.1	92.9	80.7	68.5	56.2	53.8	51.3	48.9	46.5	45.2	44.6
52.5°	99.6	86.8	74.0	61.1	48.3	46.5	44.6	42.8	41.0	39.7	38.5
55°	64.2	58.7	53.8	48.3	42.8	41.6	40.3	38.5	37.3	36.1	34.8
57.5°	51.3	48.3	45.8	42.8	39.7	38.5	37.3	35.5	34.2	32.4	31.2
60°	46.5	44.0	41.6	39.1	36.7	35.5	34.2	33.0	31.8	30.0	28.7
62.5°	42.2	40.3	38.5	36.7	34.8	33.6	32.4	31.2	30.0	28.1	26.3
65°	37.9	36.7	35.5	34.2	33.0	31.8	30.6	28.7	27.5	25.7	23.8
67.5°	34.8	34.2	33.6	33.0	32.4	31.2	29.3	28.1	26.3	24.4	22.0
70°	33.0	33.0	33.0	32.4	32.4	31.2	29.3	28.1	26.3	23.8	22.0
72.5°	31.2	31.8	32.4	32.4	33.0	31.2	29.3	27.5	25.7	23.2	21.4
75°	30.0	30.6	31.2	31.2	31.8	30.6	29.3	27.5	26.3	23.8	21.4
77.5°	30.6	31.2	31.2	31.8	31.8	30.6	29.3	27.5	26.3	23.2	20.2
80°	30.6	30.0	29.3	28.1	27.5	25.1	22.6	19.6	17.1	13.4	10.4
82.5°	23.8	22.6	22.0	20.8	19.6	17.1	14.7	12.2	9.8	7.3	4.9
85°	18.9	17.7	17.1	15.9	14.7	12.8	10.4	8.6	6.1	4.9	3.1
87.5°	9.8	9.2	7.9	7.3	6.1	4.9	3.1	1.8	0.0	0.0	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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1267.7	1298.9	1294.6	1290.3	1310.5	1330.7	1316.0	1302.0	1287.3	1272.6	1242.0
5°	1281.8	1284.2	1279.9	1275.1	1275.7	1276.3	1266.5	1256.7	1246.9	1237.2	1235.3
7.5°	1023.8	1033.6	1047.1	1059.9	1060.5	1060.5	1053.2	1045.8	1037.9	1030.6	1034.2
10°	724.9	722.5	726.2	729.8	729.2	728.0	747.6	767.1	786.1	805.6	791.6
12.5°	536.7	539.7	524.4	509.2	514.7	519.6	522.6	525.7	528.7	531.8	540.3
15°	324.6	315.4	304.4	293.4	298.9	303.8	309.3	314.2	319.7	324.6	330.1
17.5°	226.2	223.1	218.2	212.7	213.3	213.9	214.5	215.2	215.2	215.8	217.0
20°	196.2	198.0	194.4	190.1	188.9	187.0	185.8	184.6	182.8	181.5	179.7
22.5°	173.0	174.2	174.8	174.8	172.4	169.3	166.9	165.0	162.6	160.1	158.9
25°	157.1	158.3	157.1	155.3	154.0	152.8	151.6	149.8	148.5	146.7	146.1
27.5°	143.6	145.5	145.5	144.9	143.6	141.8	138.8	136.3	133.3	130.2	130.8
30°	129.6	132.0	132.0	131.4	130.8	130.2	127.1	124.1	121.0	118.0	119.2
32.5°	119.2	120.4	119.8	119.2	119.2	118.6	116.1	114.3	111.9	109.4	109.4
35°	105.7	106.4	106.4	106.4	106.4	105.7	103.9	102.1	100.2	98.4	99.0
37.5°	96.0	96.0	97.8	99.0	97.8	96.6	95.4	93.5	92.3	90.5	90.5
40°	85.0	85.0	86.8	88.0	86.8	85.6	85.0	83.7	83.1	81.9	81.9
42.5°	75.2	75.2	77.0	78.2	78.2	77.6	76.4	75.2	74.0	72.7	73.3
45°	63.0	62.3	65.4	67.8	66.6	65.4	65.4	64.8	64.8	64.2	64.8
47.5°	52.0	51.3	53.8	56.2	55.6	54.4	54.4	54.4	54.4	54.4	55.0
50°	43.4	42.2	44.6	46.5	45.8	44.6	44.6	45.2	45.2	45.2	45.8
52.5°	37.3	36.1	37.9	39.1	38.5	37.9	37.9	38.5	38.5	38.5	39.1
55°	33.0	31.8	33.6	34.8	34.2	33.0	33.6	33.6	34.2	34.2	34.2
57.5°	29.3	27.5	28.7	30.0	30.0	29.3	30.0	30.0	30.6	30.6	30.6
60°	26.9	25.1	26.3	26.9	26.9	26.3	26.9	26.9	27.5	27.5	27.5
62.5°	23.8	22.0	23.2	23.8	23.8	23.2	23.8	23.8	24.4	24.4	24.4
65°	21.4	19.6	20.2	20.8	20.8	20.8	21.4	21.4	22.0	22.0	22.0
67.5°	20.2	17.7	18.3	18.9	18.9	18.9	19.6	19.6	20.2	20.2	20.8
70°	19.6	17.1	17.7	17.7	18.3	18.3	18.3	18.9	18.9	18.9	18.9
72.5°	18.9	16.5	16.5	16.5	17.1	17.1	17.1	17.7	17.7	17.7	17.7
75°	18.9	16.5	15.9	15.3	15.9	15.9	15.9	16.5	16.5	16.5	16.5
77.5°	16.5	13.4	12.2	10.4	12.2	13.4	14.1	14.1	14.7	14.7	14.7
80°	6.7	3.1	1.8	0.0	0.6	1.2	1.8	2.4	3.1	3.7	4.3
82.5°	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1211.5	1180.9	1150.4	1165.0	1179.7	1194.4	1209.0	1207.8	1206.0	1204.8	1202.9
5°	1234.1	1232.3	1230.4	1221.9	1213.9	1205.4	1196.8	1195.0	1192.5	1190.7	1188.3
7.5°	1037.9	1041.0	1044.6	1034.8	1025.1	1015.3	1005.5	980.4	955.4	929.7	904.6
10°	777.5	762.8	748.8	747.6	746.3	745.1	743.9	741.4	739.0	735.9	733.5
12.5°	549.5	558.1	566.6	563.6	560.5	556.8	553.8	558.1	563.0	567.2	571.5
15°	335.0	340.5	345.4	356.4	367.4	378.4	389.4	393.6	398.5	402.8	407.1
17.5°	218.2	218.8	220.0	232.3	243.9	256.1	267.7	275.7	283.6	291.0	298.9
20°	177.9	176.0	174.2	180.9	187.7	194.4	201.1	208.4	215.8	223.1	230.4
22.5°	158.3	157.1	155.9	158.3	160.8	162.6	165.0	170.5	176.6	182.2	187.7
25°	145.5	144.3	143.6	144.9	146.1	147.3	148.5	151.6	154.6	157.7	160.8
27.5°	130.8	131.4	131.4	132.6	133.3	134.5	135.1	136.3	138.1	139.4	140.6
30°	119.8	121.0	121.6	122.9	123.5	124.7	125.3	124.7	124.1	123.5	122.9
32.5°	109.4	108.8	108.8	110.0	110.6	111.9	112.5	113.7	114.9	115.5	116.7
35°	99.0	99.6	99.6	99.6	100.2	100.2	100.2	101.5	103.3	104.5	105.7
37.5°	89.9	89.9	89.2	91.1	92.3	94.1	95.4	96.6	98.4	99.6	100.9
40°	81.9	81.9	81.9	83.1	84.4	85.0	86.2	89.2	92.3	95.4	98.4
42.5°	73.3	74.0	74.0	75.2	76.4	77.0	78.2	80.7	82.5	85.0	86.8
45°	65.4	66.0	66.6	67.8	68.5	69.7	70.3	71.5	72.1	73.3	74.0
47.5°	56.2	56.8	57.5	58.7	59.3	60.5	61.1	60.5	60.5	59.9	59.3
50°	47.1	47.7	48.3	50.1	51.3	53.2	54.4	53.2	52.0	50.1	48.9
52.5°	39.7	39.7	40.3	41.6	42.8	43.4	44.6	44.0	43.4	42.8	42.2
55°	34.2	34.2	34.2	34.8	35.5	36.1	36.7	37.3	37.3	37.9	37.9
57.5°	30.6	30.0	30.0	30.6	31.2	31.2	31.8	32.4	32.4	33.0	33.0
60°	27.5	26.9	26.9	27.5	28.1	28.7	29.3	29.3	29.3	28.7	28.7
62.5°	24.4	24.4	24.4	25.1	25.1	25.7	25.7	25.7	26.3	26.3	26.3
65°	22.6	22.6	22.6	22.6	22.6	22.0	22.0	22.6	22.6	23.2	23.2
67.5°	20.8	21.4	21.4	20.8	20.2	19.6	18.9	19.6	19.6	20.2	20.2
70°	18.9	18.9	18.9	18.3	17.7	17.1	16.5	16.5	16.5	15.9	15.9
72.5°	17.7	17.1	17.1	16.5	15.3	14.7	13.4	12.8	12.8	12.2	11.6
75°	16.5	15.9	15.9	14.7	13.4	12.2	11.0	10.4	9.2	8.6	7.3
77.5°	14.7	14.7	14.7	12.8	11.6	9.8	7.9	6.7	5.5	3.7	2.4
80°	4.9	5.5	6.1	5.5	5.5	4.9	4.3	3.1	2.4	1.2	0.0
82.5°	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1209.7	1216.4	1223.1	1229.8	1230.4	1231.0	1231.7	1232.3	1217.0	1201.1	1185.8
5°	1200.5	1213.3	1225.5	1237.8	1231.0	1224.3	1217.6	1210.9	1210.3	1210.3	1209.7
7.5°	906.5	907.7	909.5	910.8	913.2	915.6	917.5	919.9	929.7	939.5	948.7
10°	725.5	717.6	709.0	701.1	695.0	688.3	682.1	675.4	680.3	685.8	690.7
12.5°	564.8	558.1	550.7	544.0	541.6	539.1	536.1	533.6	549.5	565.4	580.7
15°	405.9	404.6	402.8	401.6	409.5	417.5	425.4	433.4	446.8	459.7	473.1
17.5°	302.0	305.0	308.1	311.1	316.0	320.9	325.2	330.1	339.9	350.2	360.0
20°	234.1	238.4	242.1	245.7	244.5	243.3	241.4	240.2	248.2	256.1	263.4
22.5°	191.3	194.4	198.0	201.1	201.7	202.3	202.9	203.5	208.4	212.7	217.6
25°	163.8	167.5	170.5	173.6	174.2	174.8	175.4	176.0	182.2	188.3	193.8
27.5°	144.9	148.5	152.8	156.5	157.7	158.9	160.1	161.4	165.0	168.1	171.8
30°	127.8	132.6	137.5	142.4	144.3	146.1	147.9	149.8	153.4	157.7	161.4
32.5°	119.2	122.2	124.7	127.1	131.4	135.1	139.4	143.0	147.3	152.2	156.5
35°	109.4	112.5	116.1	119.2	122.2	125.3	127.8	130.8	133.3	135.7	137.5
37.5°	103.3	106.4	108.8	111.2	112.5	113.7	114.3	115.5	116.7	118.0	118.6
40°	98.4	97.8	97.8	97.2	98.4	100.2	101.5	102.7	106.4	109.4	113.1
42.5°	85.6	83.7	82.5	80.7	83.7	86.2	89.2	91.7	96.6	101.5	106.4
45°	72.7	71.5	69.7	68.5	72.7	77.0	81.3	85.6	91.1	96.0	101.5
47.5°	59.9	60.5	60.5	61.1	65.4	69.7	73.3	77.6	83.1	88.6	94.1
50°	50.1	51.3	52.6	53.8	58.1	61.7	66.0	69.7	75.8	81.3	87.4
52.5°	44.0	45.8	47.1	48.9	52.6	56.8	60.5	64.2	69.7	75.2	80.7
55°	39.7	42.2	44.0	45.8	48.9	52.0	55.0	58.1	63.6	69.1	74.0
57.5°	34.8	36.7	38.5	40.3	43.4	46.5	48.9	52.0	56.8	62.3	67.2
60°	30.6	31.8	33.6	34.8	37.3	40.3	42.8	45.2	50.1	55.0	59.3
62.5°	26.9	28.1	28.7	29.3	31.8	34.2	36.7	39.1	43.4	48.3	52.6
65°	23.8	24.4	24.4	25.1	26.9	29.3	31.2	33.0	37.9	42.2	47.1
67.5°	20.2	20.8	20.8	20.8	22.6	24.4	26.3	28.1	32.4	37.3	41.6
70°	15.9	16.5	16.5	16.5	18.3	20.8	22.6	24.4	28.1	31.8	35.5
72.5°	12.2	12.2	12.8	12.8	14.7	17.1	18.9	20.8	23.8	26.9	30.0
75°	7.9	8.6	8.6	9.2	11.0	13.4	15.3	17.1	20.2	23.2	25.7
77.5°	3.1	4.3	4.9	5.5	7.3	9.2	11.0	12.8	15.3	18.3	20.8
80°	0.0	0.6	0.6	0.6	1.8	2.4	3.7	4.3	6.1	8.6	10.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1169.9	1203.5	1237.2	1270.8	1304.4	1346.0	1387.5	1393.6	1399.8	1392.4	1385.7
5°	1209.0	1225.5	1241.4	1257.9	1273.8	1321.5	1368.6	1369.2	1369.2	1369.8	1369.8
7.5°	958.4	972.5	986.5	1000.0	1014.1	1045.2	1076.4	1088.0	1099.0	1096.6	1094.1
10°	695.6	713.9	731.7	750.0	767.7	796.5	825.2	836.2	846.6	880.2	914.4
12.5°	596.6	614.3	632.0	649.1	666.9	696.2	725.5	746.9	767.7	788.5	809.3
15°	485.9	500.0	514.7	528.7	542.8	556.2	569.7	596.0	621.6	642.4	663.2
17.5°	369.8	375.9	381.4	387.5	393.0	399.1	405.3	416.3	426.6	445.0	462.7
20°	271.4	276.3	281.2	285.5	290.3	296.5	302.6	310.5	317.8	322.1	325.8
22.5°	221.9	229.2	236.6	243.3	250.6	254.9	259.2	261.6	264.1	265.9	267.7
25°	199.9	206.6	212.7	219.4	225.5	227.4	229.2	234.1	239.0	239.0	239.0
27.5°	174.8	184.0	193.8	202.9	212.1	214.5	216.4	218.2	219.4	217.0	213.9
30°	165.0	174.2	183.4	191.9	201.1	204.8	207.8	209.7	211.5	208.4	205.4
32.5°	160.8	169.3	177.3	185.8	193.8	198.7	202.9	207.8	212.1	212.7	213.9
35°	140.0	145.5	151.6	157.1	162.6	165.0	167.5	169.3	170.5	170.5	170.5
37.5°	119.8	127.1	135.1	142.4	149.8	155.3	160.8	161.4	161.4	162.6	164.4
40°	116.1	123.5	130.8	137.5	144.9	151.0	156.5	157.1	157.7	158.9	160.1
42.5°	111.2	119.2	127.1	135.1	143.0	149.1	154.6	154.6	154.0	155.9	157.1
45°	106.4	114.3	121.6	129.6	136.9	144.9	152.2	150.4	147.9	151.0	153.4
47.5°	99.6	108.2	116.7	124.7	133.3	140.6	147.3	146.1	144.3	147.3	150.4
50°	92.9	101.5	110.0	118.6	127.1	135.1	142.4	141.2	140.0	143.6	146.7
52.5°	86.2	94.7	103.9	112.5	121.0	127.8	133.9	133.3	132.6	136.3	140.6
55°	79.5	87.4	96.0	103.9	111.9	119.2	125.9	124.7	123.5	126.5	129.6
57.5°	72.1	80.1	87.4	95.4	102.7	108.8	114.3	112.5	110.6	114.3	118.0
60°	64.2	71.5	78.9	85.6	92.9	97.8	102.1	100.9	99.0	102.7	106.4
62.5°	56.8	63.6	70.3	76.4	83.1	86.8	90.5	89.2	88.0	91.7	96.0
65°	51.3	56.8	61.7	67.2	72.1	75.8	79.5	77.6	75.8	80.1	83.7
67.5°	45.8	50.1	55.0	59.3	63.6	66.6	69.7	68.5	66.6	69.7	72.7
70°	39.1	43.4	47.7	51.3	55.6	58.7	61.7	59.9	57.5	60.5	63.6
72.5°	33.0	36.7	40.3	43.4	47.1	49.5	52.0	50.1	48.3	50.7	53.2
75°	28.7	31.8	34.8	37.3	40.3	41.6	42.8	42.2	41.0	43.4	45.2
77.5°	23.2	25.7	28.7	31.2	33.6	33.6	33.6	34.2	34.2	36.7	39.7
80°	12.2	14.7	17.1	18.9	21.4	21.4	20.8	22.0	22.6	25.7	28.7
82.5°	0.0	1.8	3.7	5.5	7.3	6.7	5.5	6.1	6.1	7.3	8.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1378.4	1371.0	1366.1	1361.9	1357.0	1352.1	1358.2	1364.3	1369.8	1375.9	1394.2
5°	1370.4	1370.4	1366.1	1361.9	1357.6	1353.3	1362.5	1371.0	1380.2	1388.7	1388.1
7.5°	1091.1	1088.6	1114.3	1139.4	1165.0	1190.1	1196.8	1203.5	1209.7	1216.4	1214.5
10°	948.0	981.7	992.7	1003.7	1014.7	1025.7	1039.1	1052.6	1066.0	1079.5	1084.3
12.5°	830.1	850.9	886.3	921.1	956.6	991.4	1009.2	1027.5	1045.2	1063.0	1097.8
15°	684.0	704.8	735.3	765.9	796.5	827.0	855.1	883.9	912.0	940.1	982.3
17.5°	481.0	498.8	522.0	545.2	567.8	591.1	634.5	677.9	721.3	764.7	809.3
20°	330.1	333.7	344.7	356.4	367.4	378.4	417.5	457.2	496.3	535.5	594.1
22.5°	268.9	270.8	276.3	281.8	286.7	292.2	312.3	333.1	353.3	373.5	421.1
25°	238.4	238.4	242.1	245.7	249.4	253.1	264.1	275.1	285.5	296.5	327.0
27.5°	211.5	208.4	213.9	219.4	224.9	230.4	238.4	246.9	254.9	262.8	283.6
30°	202.3	199.3	206.0	212.7	219.4	226.2	234.1	242.1	249.4	257.3	271.4
32.5°	214.5	215.2	217.6	220.0	221.9	224.3	228.0	232.3	235.9	239.6	251.8
35°	170.5	170.5	174.8	179.1	182.8	187.0	193.8	200.5	207.2	213.9	226.8
37.5°	165.6	166.9	170.5	174.8	178.5	182.2	190.7	199.9	208.4	217.0	227.4
40°	160.8	162.0	166.9	171.8	176.6	181.5	190.1	198.0	206.6	214.5	224.3
42.5°	158.9	160.1	166.3	173.0	179.1	185.2	192.5	199.9	206.6	213.9	227.4
45°	156.5	158.9	166.3	174.2	181.5	188.9	195.6	202.3	209.0	215.8	232.3
47.5°	152.8	155.9	164.4	172.4	180.9	188.9	201.7	215.2	228.0	240.8	248.8
50°	150.4	153.4	162.6	171.8	180.9	190.1	210.9	231.7	251.8	272.6	268.3
52.5°	144.3	147.9	159.5	171.1	182.8	194.4	212.7	231.1	249.4	267.7	259.2
55°	132.6	135.7	149.1	162.6	175.4	188.9	202.3	215.8	228.6	242.1	232.3
57.5°	121.0	124.7	137.5	150.4	162.6	175.4	182.2	188.9	195.6	202.3	198.7
60°	110.0	113.7	130.8	147.9	165.0	182.2	176.0	169.9	163.2	157.1	161.4
62.5°	99.6	103.3	119.8	135.7	152.2	168.1	159.5	151.0	142.4	133.9	140.6
65°	88.0	91.7	97.8	104.5	110.6	116.7	116.1	114.9	114.3	113.1	120.4
67.5°	75.8	78.9	81.9	85.6	88.6	91.7	93.5	96.0	97.8	99.6	105.7
70°	66.0	69.1	72.7	75.8	79.5	82.5	83.7	85.0	85.6	86.8	92.3
72.5°	55.0	57.5	62.3	67.2	71.5	76.4	77.0	77.0	77.6	77.6	81.9
75°	47.7	49.5	53.2	56.8	59.9	63.6	65.4	67.2	68.5	70.3	72.7
77.5°	42.2	44.6	45.8	46.5	47.7	48.3	49.5	50.7	52.0	53.2	53.8
80°	31.2	34.2	35.5	36.1	37.3	37.9	37.9	37.3	37.3	36.7	37.3
82.5°	9.8	11.0	12.8	14.7	16.5	18.3	18.9	19.6	19.6	20.2	19.6
85°	1.8	2.4	3.7	4.9	5.5	6.7	6.1	4.9	4.3	3.1	2.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1412.6	1430.3	1448.7	1441.3	1434.0	1426.6	1419.3	1420.5	1422.4	1423.6	1424.8
5°	1387.5	1386.3	1385.7	1406.5	1427.9	1448.7	1469.4	1492.0	1515.3	1537.9	1560.5
7.5°	1212.7	1210.3	1208.4	1235.3	1262.2	1289.1	1316.0	1347.2	1379.0	1410.1	1441.3
10°	1089.2	1094.1	1099.0	1110.0	1121.6	1132.6	1143.6	1173.6	1203.5	1232.9	1262.8
12.5°	1132.6	1166.9	1201.7	1208.4	1214.5	1221.3	1227.4	1231.7	1235.9	1240.2	1244.5
15°	1025.1	1067.2	1109.4	1127.1	1144.3	1162.0	1179.1	1224.3	1268.9	1314.2	1358.8
17.5°	853.9	897.9	942.5	995.7	1048.9	1102.1	1155.3	1204.2	1253.1	1302.0	1350.9
20°	653.4	712.1	770.8	838.0	905.9	973.1	1040.3	1089.2	1137.5	1186.4	1234.7
22.5°	469.4	517.1	564.8	646.1	726.8	808.1	888.8	973.7	1059.3	1144.3	1229.2
25°	357.6	387.5	418.1	498.2	578.2	657.7	737.8	854.5	971.3	1088.0	1204.8
27.5°	303.8	324.6	344.7	416.9	489.0	560.5	632.6	771.4	910.1	1048.9	1187.6
30°	286.1	300.1	314.2	375.3	437.0	498.2	559.3	699.9	840.5	981.0	1121.6
32.5°	264.1	275.7	287.9	341.7	395.5	448.7	502.4	640.0	777.5	914.4	1052.0
35°	239.0	251.8	264.1	317.8	371.6	424.8	478.6	621.0	763.4	905.9	1048.3
37.5°	237.2	247.6	257.3	319.7	382.6	445.0	507.3	649.8	792.2	934.0	1076.4
40°	234.7	244.5	254.3	317.8	380.8	444.4	507.3	656.5	805.6	954.8	1103.9
42.5°	240.8	253.7	267.1	323.3	379.6	435.2	491.4	648.5	805.6	962.1	1119.2
45°	249.4	265.9	282.4	333.7	385.1	436.4	487.8	658.3	828.8	998.8	1169.3
47.5°	257.3	265.3	273.2	322.1	370.4	419.3	467.6	641.8	816.0	990.2	1164.4
50°	264.7	260.4	256.1	309.9	363.7	416.9	470.7	636.9	802.6	968.8	1134.5
52.5°	250.0	241.4	232.3	289.7	347.2	404.0	461.5	629.0	796.5	963.9	1131.4
55°	222.5	212.7	202.9	259.8	316.0	372.9	429.1	596.0	762.8	929.7	1096.6
57.5°	194.4	190.7	186.4	229.8	273.2	316.0	359.4	544.6	730.4	915.6	1100.9
60°	165.6	169.3	173.6	204.8	235.9	266.5	297.7	479.2	660.1	841.7	1022.6
62.5°	146.7	153.4	159.5	185.8	212.7	239.0	265.3	436.4	607.6	778.7	949.9
65°	128.4	135.7	143.0	174.2	206.0	237.2	268.3	413.2	558.1	702.9	847.8
67.5°	111.9	117.4	123.5	164.4	205.4	246.3	287.3	405.9	523.8	642.4	760.4
70°	97.8	102.7	108.2	155.9	203.5	251.2	298.9	399.8	501.2	602.1	702.9
72.5°	86.2	90.5	94.7	143.0	191.3	239.6	287.9	377.7	467.0	556.8	646.1
75°	75.2	77.0	79.5	120.4	160.8	201.7	242.1	302.0	362.5	422.4	482.3
77.5°	54.4	54.4	55.0	67.2	78.9	91.1	102.7	140.0	177.3	213.9	251.2
80°	37.3	37.9	37.9	42.8	47.1	52.0	56.2	64.2	71.5	79.5	86.8
82.5°	18.9	17.7	17.1	22.0	26.9	31.8	36.7	38.5	39.7	41.6	42.8
85°	1.8	0.6	0.0	3.1	6.1	9.2	12.2	14.7	17.1	19.6	22.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843

CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1419.9	1415.0	1410.1	1405.3	1435.2	1465.8	1495.7	1525.7	1610.6	1666.3	1660.1
5°	1582.5	1604.5	1626.5	1648.5	1684.0	1720.0	1755.5	1790.9	1916.9	1993.9	2004.9
7.5°	1475.5	1509.2	1543.4	1577.0	1645.5	1713.3	1781.8	1849.6	1952.9	2033.0	2078.2
10°	1301.3	1339.8	1377.7	1416.3	1493.3	1570.9	1647.9	1724.9	1841.1	1951.7	2008.6
12.5°	1305.0	1365.5	1426.0	1486.5	1553.8	1621.0	1687.6	1754.9	1825.8	1863.1	1943.1
15°	1406.5	1454.2	1501.8	1549.5	1637.5	1725.5	1813.0	1901.0	1943.1	2033.0	2126.5
17.5°	1443.8	1537.3	1630.2	1723.1	1833.1	1942.5	2052.6	2162.0	2241.4	2366.1	2462.7
20°	1374.7	1514.7	1654.0	1794.0	1945.0	2096.0	2246.9	2397.9	2484.7	2603.3	2752.4
22.5°	1377.7	1526.3	1674.2	1822.7	2031.2	2239.0	2447.4	2655.2	2888.1	3116.7	3189.5
25°	1399.1	1593.5	1787.3	1981.7	2222.5	2463.3	2704.1	2945.0	3226.2	3466.4	3562.9
27.5°	1406.5	1625.3	1843.5	2062.3	2404.6	2746.9	3089.2	3431.5	3767.1	4038.5	4141.8
30°	1388.7	1656.5	1923.6	2190.7	2610.6	3030.6	3450.5	3870.4	4188.9	4504.9	4633.2
32.5°	1393.0	1734.1	2075.2	2416.3	2910.7	3405.9	3900.4	4394.9	4598.4	4883.2	5109.4
35°	1422.4	1796.4	2169.9	2544.0	3091.1	3638.1	4185.2	4732.3	5066.0	5366.7	5558.7
37.5°	1490.8	1905.3	2319.1	2733.5	3405.9	4078.8	4751.2	5423.6	5940.1	6456.6	6544.6
40°	1541.6	1979.2	2416.9	2854.5	3635.1	4415.6	5196.2	5976.8	6561.1	7121.6	7181.5
42.5°	1599.0	2078.2	2558.1	3037.3	3910.1	4783.0	5655.8	6528.7	7205.4	7776.9	7816.6
45°	1662.0	2155.2	2647.9	3140.6	4055.0	4968.8	5883.2	6797.0	7587.4	8251.2	8101.4
47.5°	1691.9	2219.4	2746.9	3274.4	4254.9	5234.7	6215.1	7195.0	7904.0	8489.6	8314.8
50°	1715.2	2295.2	2875.9	3456.0	4484.1	5512.2	6540.3	7568.4	8279.3	8819.7	8545.8
52.5°	1780.6	2429.1	3078.2	3726.8	4820.3	5913.2	7006.7	8099.6	8787.3	9283.6	8899.7
55°	1844.1	2591.1	3338.6	4085.6	5261.6	6438.2	7614.3	8790.3	9474.9	9900.3	9378.9
57.5°	1924.2	2748.2	3571.5	4394.9	5652.8	6910.7	8168.1	9426.0	10095.3	10565.4	10023.8
60°	1903.4	2783.6	3664.4	4544.6	5825.8	7106.9	8388.1	9669.3	10464.5	11042.1	10674.8
62.5°	1822.7	2695.6	3567.8	4440.7	5699.2	6957.2	8215.7	9473.7	10426.6	11209.0	11085.5
65°	1659.5	2470.7	3282.4	4093.5	5295.2	6497.5	7699.2	8900.9	10077.0	11072.7	11116.7
67.5°	1445.0	2129.6	2813.6	3498.2	4619.2	5740.2	6860.6	7981.6	9369.8	10531.1	10661.9
70°	1217.6	1731.7	2246.3	2760.4	3746.9	4733.5	5719.4	6706.0	8149.1	9317.8	9564.8
72.5°	976.2	1306.8	1636.9	1967.0	2679.1	3390.6	4102.7	4814.2	6083.7	6990.8	7421.7
75°	632.6	783.0	933.4	1083.7	1558.1	2031.8	2506.1	2979.8	3822.7	4490.8	4978.0
77.5°	281.8	312.3	342.3	372.9	739.0	1105.1	1471.3	1837.4	2203.5	2607.0	2721.3
80°	100.9	114.3	128.4	141.8	321.5	501.8	681.5	861.2	1038.5	1246.9	1297.7
82.5°	42.2	42.2	41.6	41.0	105.1	169.3	233.5	297.7	344.1	395.5	405.3
85°	17.1	12.8	7.9	3.1	13.4	24.4	34.8	45.2	72.7	66.0	122.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843

CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1636.9	1635.7	1634.5	1633.2	1632.0	1610.0	1588.6	1566.6	1545.2	1572.1	1599.0
5°	1987.2	2018.9	2050.7	2083.1	2114.9	2124.1	2133.2	2142.4	2151.6	2171.1	2190.7
7.5°	2116.1	2169.9	2223.1	2276.9	2330.1	2379.6	2428.5	2478.0	2527.5	2515.3	2503.0
10°	2071.5	2168.7	2265.9	2363.7	2460.9	2482.3	2503.7	2525.7	2547.1	2602.7	2658.3
12.5°	2023.2	2140.0	2256.7	2373.5	2490.2	2555.0	2619.2	2684.0	2748.8	2805.0	2861.2
15°	2252.4	2327.0	2401.6	2476.8	2551.3	2608.2	2664.4	2721.3	2777.5	2816.6	2855.1
17.5°	2553.8	2590.5	2627.1	2664.4	2701.1	2745.7	2790.3	2835.0	2879.6	2902.8	2926.0
20°	2872.2	2888.1	2904.0	2919.9	2935.8	2900.4	2864.9	2829.5	2794.0	2816.0	2837.4
22.5°	3191.9	3197.4	3203.5	3209.0	3214.5	3132.0	3049.5	2967.0	2884.5	2849.6	2814.8
25°	3684.0	3643.6	3603.3	3562.9	3522.6	3424.8	3327.0	3229.2	3131.4	3045.2	2959.0
27.5°	4217.0	4080.1	3943.8	3806.8	3670.5	3572.7	3474.9	3377.1	3279.3	3149.7	3020.2
30°	4754.3	4533.6	4313.6	4092.9	3872.8	3756.7	3640.6	3523.8	3407.7	3278.1	3149.1
32.5°	5246.9	4981.6	4716.4	4450.5	4185.2	3989.6	3794.0	3598.4	3402.8	3312.3	3221.9
35°	5655.2	5341.7	5028.1	4713.9	4400.4	4206.6	4012.8	3819.1	3625.3	3490.8	3357.0
37.5°	6353.3	6000.6	5647.9	5295.2	4942.5	4677.9	4413.8	4149.1	3884.5	3794.6	3704.8
40°	6996.9	6552.5	6108.2	5663.8	5219.4	4997.5	4776.3	4554.4	4333.1	4185.8	4039.1
42.5°	7508.5	7040.3	6572.7	6104.5	5636.3	5416.9	5198.0	4978.6	4759.2	4660.7	4562.9
45°	7619.2	7177.8	6737.1	6295.8	5854.5	5726.8	5599.6	5471.9	5344.7	5276.9	5209.6
47.5°	7837.4	7358.8	6880.8	6402.2	5923.6	5866.1	5808.7	5750.6	5693.1	5725.5	5757.9
50°	7959.6	7471.2	6982.9	6494.5	6006.1	6022.6	6038.5	6055.0	6071.5	6301.3	6530.5
52.5°	8196.8	7703.5	7210.2	6717.0	6223.7	6327.6	6430.9	6534.8	6638.1	6954.7	7270.8
55°	8620.4	8135.7	7651.0	7165.6	6680.9	6817.8	6954.7	7092.3	7229.2	7565.4	7901.0
57.5°	9248.1	8767.1	8286.6	7805.6	7325.2	7461.5	7597.8	7734.1	7870.4	8174.2	8477.4
60°	10038.5	9544.6	9051.3	8557.4	8064.2	8115.5	8166.2	8217.6	8268.9	8595.3	8921.1
62.5°	10654.0	10199.8	9746.3	9292.1	8838.6	8781.8	8725.5	8668.7	8612.4	8860.6	9108.2
65°	10797.0	10477.3	10158.3	9838.6	9518.9	9344.1	9169.9	8995.1	8820.3	8920.5	9020.8
67.5°	10387.5	10171.7	9956.6	9740.8	9525.0	9160.1	8795.2	8429.7	8064.8	8011.6	7958.4
70°	9437.0	9319.0	9201.7	9083.7	8966.4	8404.0	7842.3	7279.9	6718.2	6583.1	6448.0
72.5°	7446.8	7520.1	7593.5	7667.5	7740.8	7138.7	6537.3	5935.2	5333.1	5162.0	4991.4
75°	5251.2	5500.0	5748.8	5997.5	6246.3	5697.4	5149.1	4600.2	4051.3	3886.9	3723.1
77.5°	2847.2	3313.6	3779.9	4246.3	4712.7	4259.8	3807.4	3354.5	2901.6	2787.3	2673.6
80°	1349.6	1618.6	1886.9	2155.9	2424.8	2322.7	2220.7	2118.0	2015.9	2040.9	2066.0
82.5°	413.8	608.2	802.6	996.9	1191.3	1206.6	1221.3	1236.5	1251.8	1289.7	1327.0
85°	138.8	190.1	241.4	292.8	344.1	434.6	525.1	616.1	706.6	647.9	589.9
87.5°	0.0	1.8	3.1	4.9	6.1	18.9	31.8	44.6	57.5	49.5	42.2
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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1626.5	1653.4	1654.0	1655.3	1655.9	1656.5	1659.5	1662.6	1666.3	1669.3	1649.1
5°	2210.9	2230.4	2194.4	2158.3	2121.6	2085.6	2118.0	2150.4	2182.8	2215.2	2201.1
7.5°	2490.2	2478.0	2473.7	2470.0	2465.8	2462.1	2474.3	2486.5	2498.8	2511.0	2509.8
10°	2713.9	2769.6	2783.0	2796.4	2810.5	2824.0	2795.8	2767.7	2739.6	2711.5	2699.9
12.5°	2917.5	2973.7	3018.3	3062.9	3108.2	3152.8	3112.5	3072.7	3032.4	2992.7	2954.8
15°	2894.2	2932.8	2969.4	3006.1	3042.8	3079.5	3066.0	3053.2	3039.7	3026.3	3020.2
17.5°	2949.9	2973.1	2964.5	2956.0	2946.8	2938.3	2934.0	2930.3	2926.0	2921.8	2907.1
20°	2859.4	2881.4	2875.9	2871.0	2865.5	2860.0	2856.3	2852.7	2849.0	2845.3	2833.7
22.5°	2779.9	2745.1	2735.9	2727.4	2718.2	2709.6	2710.9	2712.1	2712.7	2713.9	2766.5
25°	2872.9	2786.7	2753.0	2719.4	2685.2	2651.6	2666.9	2681.5	2696.8	2712.1	2787.9
27.5°	2890.0	2760.4	2706.6	2652.8	2599.0	2545.2	2600.2	2655.2	2710.3	2765.3	2888.1
30°	3019.5	2890.6	2815.4	2740.8	2665.6	2591.1	2661.4	2731.7	2801.9	2872.2	3005.5
32.5°	3130.8	3040.3	2986.5	2932.8	2879.0	2825.2	2828.2	2830.7	2833.7	2836.8	3024.4
35°	3222.5	3088.6	3039.7	2991.4	2942.5	2894.2	2967.0	3039.7	3112.5	3185.2	3353.9
37.5°	3614.9	3525.0	3435.2	3346.0	3256.1	3166.9	3224.9	3283.0	3341.7	3399.7	3586.2
40°	3891.8	3745.1	3721.9	3699.3	3676.0	3653.4	3683.4	3712.7	3742.7	3772.6	3935.8
42.5°	4464.5	4366.1	4303.2	4240.8	4177.9	4115.5	4139.4	4163.2	4187.6	4211.5	4366.1
45°	5141.8	5073.9	5032.4	4990.8	4948.6	4907.1	4871.0	4835.6	4799.5	4764.0	4921.1
47.5°	5790.3	5822.7	5914.4	6005.5	6097.2	6188.2	6113.7	6039.1	5963.9	5889.3	5890.0
50°	6760.4	6989.6	7036.0	7081.9	7128.3	7174.2	7015.3	6856.3	6696.8	6537.9	6518.9
52.5°	7587.4	7903.4	7919.9	7936.4	7953.5	7970.0	7905.8	7841.7	7776.9	7712.7	7542.2
55°	8237.1	8572.7	8595.3	8617.3	8639.9	8662.0	8605.7	8550.1	8493.9	8437.6	8265.3
57.5°	8781.1	9084.3	9097.8	9110.6	9124.1	9137.5	9141.8	9146.1	9150.9	9155.2	8922.3
60°	9247.5	9573.9	9547.0	9520.8	9493.9	9467.6	9427.2	9386.9	9346.5	9306.2	9155.8
62.5°	9356.3	9604.5	9562.9	9522.0	9480.4	9439.5	9405.2	9371.6	9337.4	9303.1	9207.2
65°	9121.0	9221.2	9178.5	9135.7	9092.3	9049.5	9027.5	9006.1	8984.1	8962.1	8949.8
67.5°	7904.6	7851.4	7902.2	7952.9	8003.6	8054.4	8123.4	8192.5	8262.2	8331.3	8290.9
70°	6312.3	6177.2	6233.5	6289.1	6345.3	6401.0	6505.5	6610.0	6715.1	6819.7	6791.5
72.5°	4820.3	4649.1	4657.1	4665.0	4673.6	4681.5	4678.5	4676.0	4673.0	4669.9	4718.8
75°	3558.7	3394.2	3316.6	3239.0	3161.4	3083.7	3064.8	3045.8	3026.9	3007.9	3099.0
77.5°	2559.3	2445.6	2392.4	2339.8	2286.7	2234.1	2261.0	2287.9	2315.4	2342.3	2374.1
80°	2091.7	2116.7	2075.8	2035.4	1994.5	1953.5	1984.1	2014.1	2044.6	2075.2	1980.4
82.5°	1364.9	1402.2	1276.3	1150.4	1024.4	898.5	974.9	1051.3	1128.4	1204.8	1165.6
85°	531.2	473.1	403.4	334.4	264.7	195.0	253.7	312.3	371.0	429.7	468.8
87.5°	34.2	26.9	21.4	15.9	9.8	4.3	9.2	14.1	19.6	24.4	41.0
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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843

CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2	1292.2
2.5°	1629.6	1609.4	1589.8	1551.3	1512.8	1474.3	1435.8	1489.6	1543.4	1597.2	1651.0
5°	2187.6	2173.6	2160.1	2163.8	2167.5	2171.8	2175.4	2183.4	2191.3	2198.6	2206.6
7.5°	2509.2	2507.9	2506.7	2478.6	2450.5	2421.8	2393.6	2407.7	2421.8	2435.8	2449.9
10°	2688.9	2677.3	2665.6	2603.9	2542.2	2479.8	2418.1	2391.2	2363.7	2336.8	2309.9
12.5°	2916.9	2878.4	2840.5	2774.4	2709.0	2643.0	2577.0	2552.6	2527.5	2503.0	2478.0
15°	3014.7	3008.5	3003.0	2956.0	2908.3	2861.2	2813.6	2729.8	2645.5	2561.7	2478.0
17.5°	2892.4	2877.1	2862.5	2937.0	3011.0	3085.6	3160.1	3073.3	2986.5	2899.7	2812.9
20°	2822.1	2810.5	2798.9	2937.6	3075.8	3214.5	3352.7	3314.2	3275.1	3236.5	3198.0
22.5°	2819.1	2872.2	2924.8	3046.4	3167.5	3289.1	3410.1	3476.8	3544.0	3610.6	3677.2
25°	2863.7	2940.1	3015.9	3217.6	3419.3	3621.6	3823.3	3899.7	3975.5	4051.9	4127.7
27.5°	3010.4	3133.2	3255.5	3431.5	3607.6	3784.2	3960.3	4127.1	4294.6	4461.5	4628.3
30°	3138.1	3271.4	3404.6	3614.3	3823.3	4033.0	4242.0	4451.1	4660.1	4869.2	5078.2
32.5°	3212.1	3400.4	3588.0	3842.9	4097.2	4352.1	4607.0	4836.2	5065.4	5294.0	5523.2
35°	3522.6	3691.9	3860.6	4142.4	4424.2	4706.6	4988.4	5272.0	5555.6	5838.6	6122.2
37.5°	3772.6	3959.6	4146.1	4454.1	4761.6	5069.7	5377.7	5769.5	6162.0	6553.8	6945.6
40°	4099.0	4262.2	4425.4	4713.9	5001.8	5290.3	5578.8	6075.8	6572.7	7069.0	7566.0
42.5°	4520.2	4674.8	4829.4	5138.1	5446.8	5755.5	6064.2	6614.3	7164.4	7713.9	8264.0
45°	5078.2	5235.9	5393.0	5638.7	5884.5	6130.2	6375.9	6960.9	7545.2	8130.2	8714.5
47.5°	5890.6	5891.2	5891.8	6069.1	6246.3	6424.2	6601.4	7190.7	7779.3	8368.6	8957.2
50°	6500.0	6480.4	6461.5	6553.2	6644.2	6735.9	6827.6	7369.8	7912.6	8454.7	8996.9
52.5°	7372.2	7201.7	7031.8	7086.2	7140.0	7194.4	7248.1	7707.2	8166.8	8625.9	9084.9
55°	8093.5	7921.1	7748.8	7728.6	7708.4	7688.2	7668.1	8090.4	8512.8	8935.2	9357.5
57.5°	8690.1	8457.2	8224.9	8178.5	8132.6	8086.2	8039.7	8485.3	8930.3	9375.9	9820.9
60°	9006.1	8855.7	8705.4	8675.4	8644.8	8614.9	8584.3	8949.8	9315.4	9680.9	10046.4
62.5°	9111.8	9015.9	8920.5	8976.7	9033.0	9089.8	9146.1	9306.8	9467.0	9627.7	9787.9
65°	8938.2	8926.0	8913.8	9029.3	9144.2	9259.7	9375.3	9335.5	9295.2	9255.5	9215.7
67.5°	8251.2	8210.9	8171.1	8424.8	8677.8	8931.5	9185.2	8992.6	8799.5	8606.9	8414.4
70°	6763.4	6734.7	6706.6	7072.1	7437.6	7803.8	8169.3	7935.8	7702.3	7468.8	7235.3
72.5°	4767.1	4816.0	4864.9	5295.8	5726.1	6157.1	6587.4	6352.1	6116.7	5881.4	5646.1
75°	3189.5	3280.6	3371.6	3815.4	4259.2	4703.5	5147.3	4871.0	4594.7	4318.4	4042.2
77.5°	2405.9	2437.6	2469.4	2750.0	3030.6	3311.7	3592.3	3364.3	3135.7	2907.7	2679.1
80°	1885.7	1790.3	1695.6	1787.9	1880.2	1972.5	2064.8	1928.5	1792.2	1656.5	1520.2
82.5°	1126.5	1087.4	1048.3	1098.4	1147.9	1198.0	1248.2	1189.5	1130.2	1071.5	1012.2
85°	507.3	546.5	585.0	635.7	685.8	736.6	787.3	705.4	623.5	541.6	459.7
87.5°	56.8	73.3	89.9	111.2	132.6	154.0	175.4	136.9	97.8	59.3	20.8
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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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: P367843  
 CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1292.2	1292.2
2.5°	1682.1	1713.3
5°	2206.0	2204.8
7.5°	2413.2	2375.9
10°	2275.7	2241.4
12.5°	2390.6	2303.2
15°	2412.0	2346.0
17.5°	2705.4	2597.2
20°	3059.3	2919.9
22.5°	3486.5	3295.2
25°	3900.4	3673.0
27.5°	4492.0	4355.1
30°	4940.1	4801.3
32.5°	5429.1	5334.9
35°	6028.7	5934.6
37.5°	6970.0	6993.9
40°	7580.7	7595.3
42.5°	8320.9	8377.7
45°	8778.1	8841.7
47.5°	9045.8	9134.4
50°	9139.9	9283.0
52.5°	9261.6	9437.6
55°	9553.8	9750.0
57.5°	9977.4	10133.8
60°	10053.8	10061.1
62.5°	9674.8	9561.7
65°	9095.3	8974.9
67.5°	8341.7	8268.3
70°	7138.7	7042.2
72.5°	5466.4	5286.7
75°	3819.7	3597.2
77.5°	2562.3	2445.6
80°	1523.8	1526.9
82.5°	1040.3	1067.8
85°	454.2	448.0
87.5°	14.7	7.9
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: P367843  
CATALOG NUMBER: MSA-SA3B-740-U-SLR-HSS

**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)