

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: P596554

Luminaire Tested: **MSA-SA1D-827-U-SLR**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P596554  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA1D-827-U-SLR  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

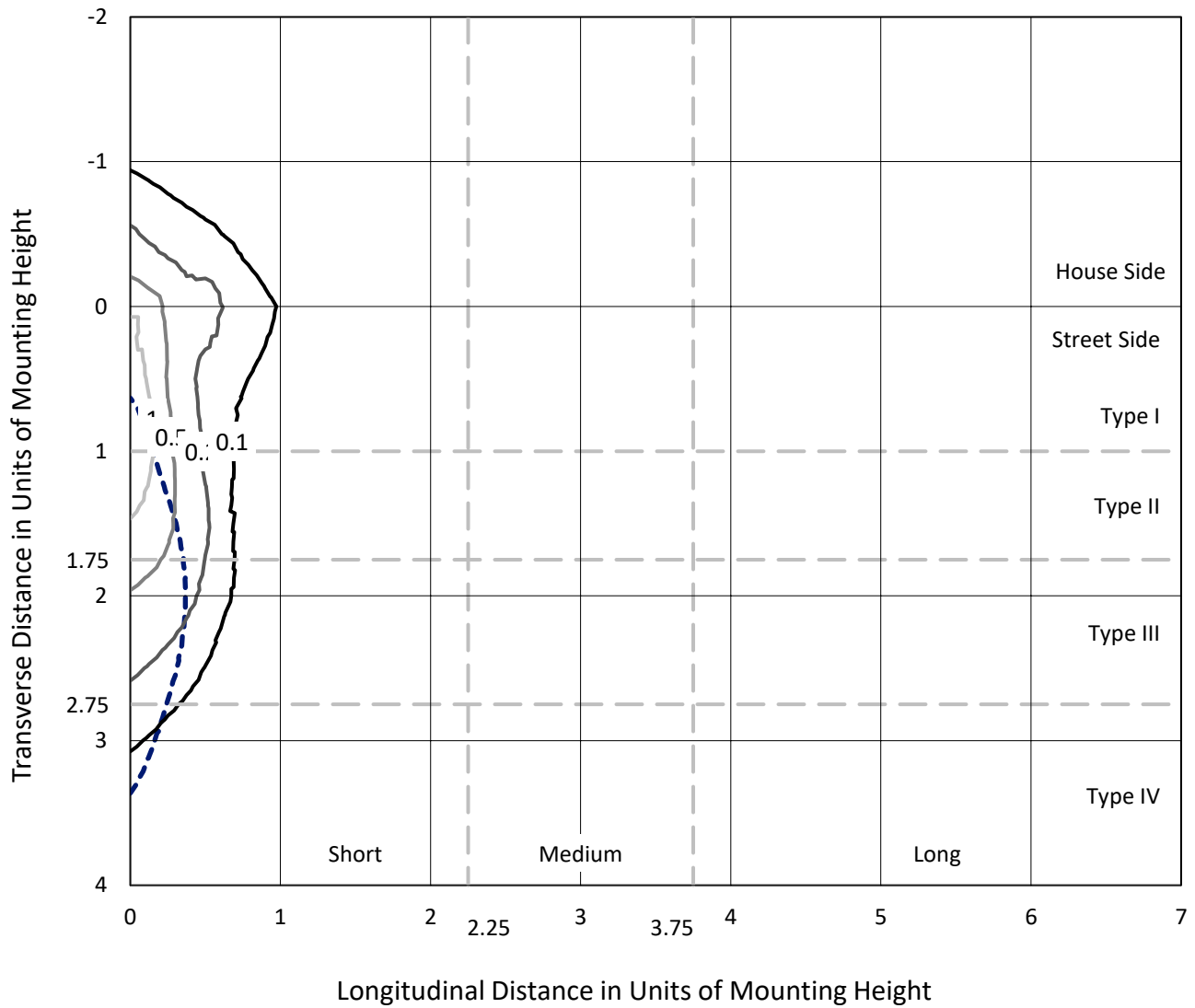
Lumens per Lamp: N/A  
Luminaire Lumens: 4318 lumens  
Efficiency: N/A  
Efficacy: 64.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 67  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P596554  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

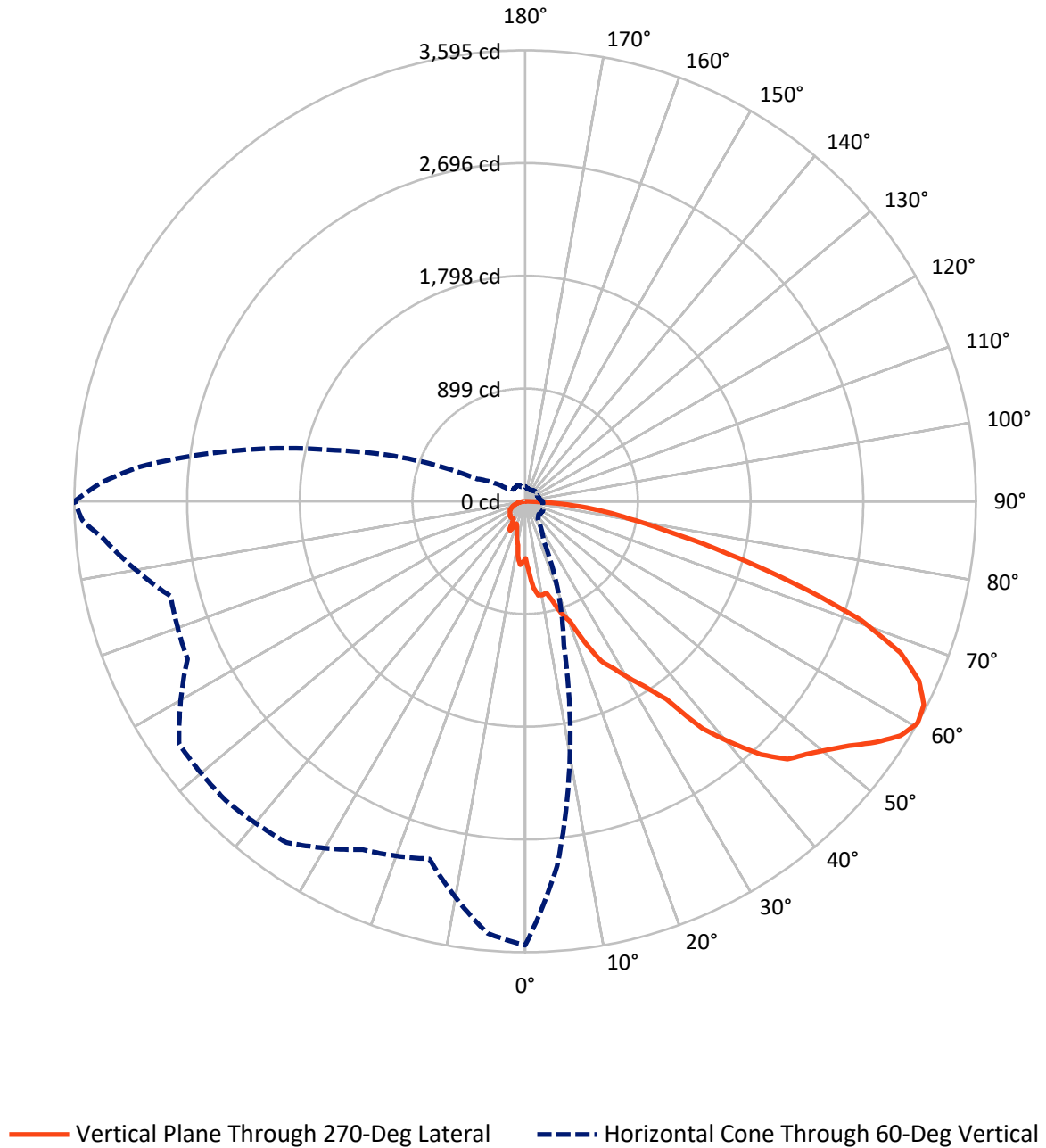
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.8 fc  
 Type IV - Short - N/A

REPORT NUMBER: P596554  
CATALOG NUMBER: MSA-SA1D-827-U-SLR

### Luminous Intensity Polar Plot



REPORT NUMBER: P596554

CATALOG NUMBER: MSA-SA1D-827-U-SLR

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	836.3	0.0	836.3
	% Fixture	19.4	0.0	19.4
<b>Street Side</b>	Lumens	3481.7	0.0	3481.7
	% Fixture	80.6	0.0	80.6
<b>Total</b>	Lumens	4318.0	0.0	4318.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	52.2	1.2
10°-20°	151.7	3.5
20°-30°	267.8	6.2
30°-40°	417.1	9.7
40°-50°	686.8	15.9
50°-60°	980.3	22.7
60°-70°	1039.4	24.1
70°-80°	574.1	13.3
80°-90°	148.5	3.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4318.0	100.0
0°-180°	4318.0	100.0

**Coefficient of Utilization**



REPORT NUMBER: P596554

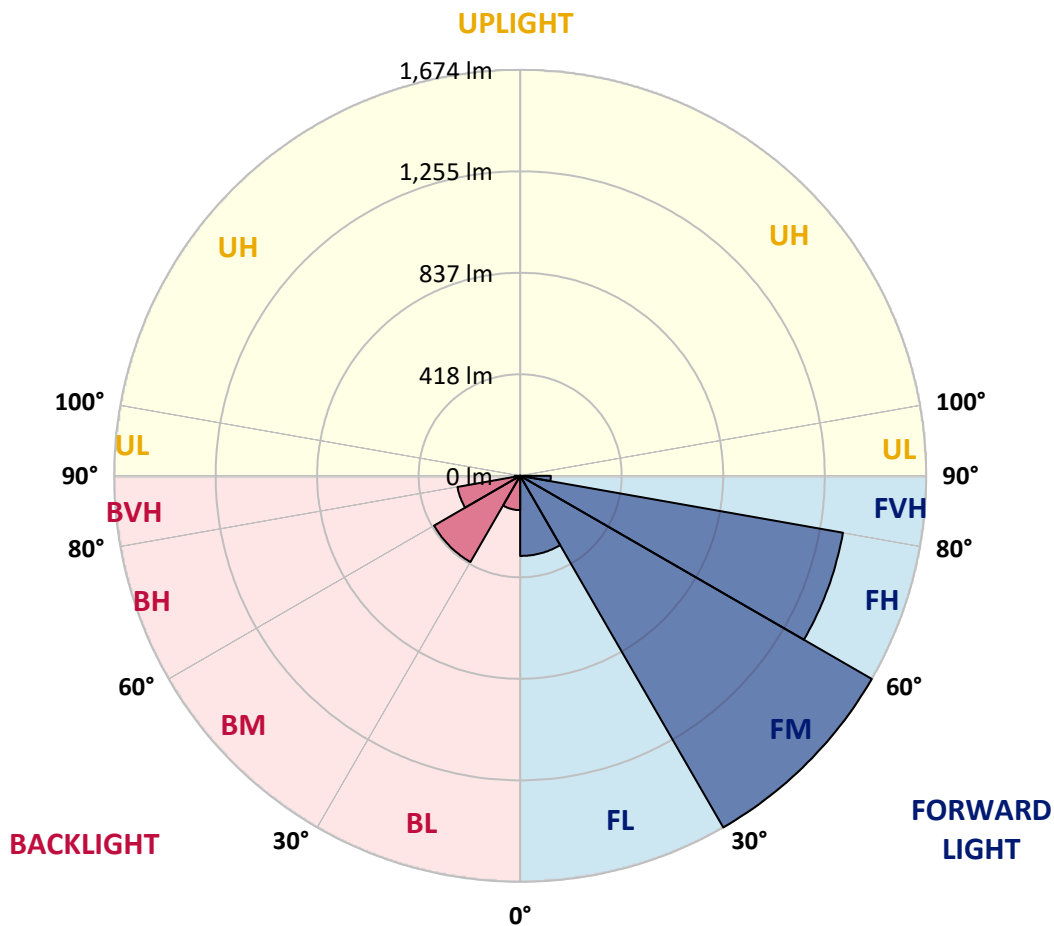
CATALOG NUMBER: MSA-SA1D-827-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	330.4	7.7			
FM (30°-60°)	1673.9	38.8			
FH (60°-80°)	1351.1	31.3			G1/1800
FVH (80°-90°)	126.2	2.9			G2/225
BL (0°-30°)	141.4	3.3	B1/500		
BM (30°-60°)	410.2	9.5	B1/1000		
BH (60°-80°)	262.4	6.1	B1/500		G1/500
BVH (80°-90°)	22.3	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**

Type IV Short





REPORT NUMBER: P596554

CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	609.9	613.7	617.2	610.1	603.0	595.7	588.5	577.8	566.9	556.2	545.4
5°	732.5	718.7	704.6	699.0	693.5	687.9	682.2	677.0	671.7	666.3	661.0
7.5°	770.9	751.2	731.3	722.9	714.5	705.9	697.5	678.6	659.8	640.7	621.8
10°	728.7	708.2	687.5	679.3	670.9	662.7	654.3	631.3	608.4	585.4	562.3
12.5°	762.7	741.7	720.6	694.6	668.6	642.4	616.4	603.6	590.8	577.8	565.1
15°	795.4	767.1	738.6	712.6	686.6	660.4	634.4	608.9	583.3	557.7	532.1
17.5°	914.9	867.7	820.5	773.6	726.4	679.5	632.3	602.8	573.0	543.5	513.7
20°	1060.5	994.9	929.1	857.8	786.4	715.1	643.6	606.3	569.2	531.9	494.6
22.5°	1233.8	1151.1	1068.3	978.4	888.4	798.3	708.4	654.3	600.3	546.0	491.9
25°	1371.5	1291.9	1212.3	1098.2	984.2	870.2	756.2	694.8	633.4	571.8	510.3
27.5°	1505.3	1378.5	1251.5	1120.9	990.5	859.9	729.4	672.6	615.8	559.0	502.2
30°	1618.2	1517.6	1417.0	1246.6	1076.2	905.6	735.2	665.4	595.7	525.9	456.1
32.5°	1783.6	1640.0	1496.3	1318.5	1140.8	963.1	785.3	696.0	606.8	517.5	428.2
35°	1977.1	1827.8	1678.6	1458.7	1239.1	1019.2	799.4	704.8	610.1	515.6	420.9
37.5°	2337.8	2074.7	1811.5	1571.5	1331.5	1091.3	851.3	741.5	631.7	521.7	411.8
40°	2536.7	2293.5	2050.4	1751.3	1452.2	1152.9	853.9	741.5	629.0	516.6	404.1
42.5°	2801.8	2494.3	2186.6	1863.2	1540.1	1216.7	893.3	768.8	644.3	519.6	395.1
45°	2963.4	2620.7	2277.8	1932.2	1586.6	1241.0	895.4	769.0	642.6	516.2	389.8
47.5°	3067.5	2738.5	2409.2	2037.2	1665.2	1293.0	920.9	786.8	652.4	518.3	384.0
50°	3166.3	2840.3	2514.2	2128.0	1741.9	1355.6	969.3	822.8	676.3	529.6	383.1
52.5°	3287.4	2987.3	2686.9	2272.6	1858.0	1443.6	1029.1	869.6	710.1	550.6	391.1
55°	3463.7	3167.9	2872.0	2427.2	1982.3	1537.5	1092.6	915.5	738.6	561.5	384.4
57.5°	3577.9	3278.0	2978.0	2524.5	2070.9	1617.2	1163.6	967.5	771.3	574.9	378.7
60°	3540.0	3230.6	2921.0	2488.7	2056.3	1623.9	1191.5	979.6	767.9	556.0	344.1
62.5°	3372.3	3043.4	2714.6	2327.3	1940.2	1552.8	1165.5	950.1	734.8	519.4	303.9
65°	3138.0	2798.0	2457.8	2108.5	1759.1	1409.7	1060.3	864.8	669.0	473.5	277.7
67.5°	2850.4	2496.0	2141.4	1832.0	1522.7	1213.1	903.7	740.3	577.0	413.5	250.0
70°	2489.7	2141.4	1793.0	1525.4	1257.7	990.1	722.5	599.4	476.6	353.6	230.5
72.5°	2001.2	1700.6	1400.1	1189.4	978.8	768.1	557.5	472.0	386.7	301.2	215.7
75°	1423.3	1246.6	1070.0	906.1	742.2	578.0	414.1	358.8	303.5	248.2	192.8
77.5°	1011.5	907.3	803.1	674.7	546.2	417.7	289.2	256.7	224.5	192.0	159.5
80°	747.8	660.8	573.9	477.0	380.2	283.4	186.5	170.6	154.9	139.0	123.0
82.5°	492.3	453.1	413.7	337.0	260.3	183.6	106.9	101.0	95.2	89.3	83.4
85°	220.5	232.9	245.0	198.1	150.9	104.0	56.8	54.1	51.3	48.6	45.9
87.5°	21.2	31.2	41.3	35.4	29.3	23.5	17.4	17.2	17.2	17.0	16.8
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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

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





REPORT NUMBER: P596554

CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	548.3	551.2	554.2	557.1	553.9	550.8	547.4	544.3	540.3	536.3	532.1
5°	652.2	643.2	634.4	625.4	612.0	598.6	585.0	571.5	569.9	568.0	566.3
7.5°	605.3	588.9	572.4	555.8	534.9	514.1	493.2	472.2	465.9	459.6	453.3
10°	551.2	539.9	528.8	517.5	504.5	491.5	478.3	465.3	448.1	430.7	413.5
12.5°	546.6	528.2	509.5	491.1	483.1	475.1	467.2	459.2	444.1	429.0	413.7
15°	517.3	502.2	487.3	472.2	460.7	449.1	437.6	426.1	413.9	401.6	389.4
17.5°	496.5	479.3	462.1	445.0	431.8	418.5	405.1	391.9	377.3	362.4	347.7
20°	474.9	455.4	435.7	416.0	399.3	382.7	365.9	349.2	333.0	317.1	301.0
22.5°	466.1	440.3	414.6	388.8	371.2	353.4	335.8	317.9	303.1	288.2	273.3
25°	479.5	448.9	418.1	387.3	363.6	339.7	316.1	292.2	279.8	267.4	254.9
27.5°	463.8	425.3	386.9	348.3	323.0	297.4	272.0	246.5	244.6	242.7	240.6
30°	415.6	375.2	334.7	294.3	271.0	247.5	224.3	200.8	196.4	191.8	187.4
32.5°	386.9	345.6	304.3	263.0	242.3	221.3	200.6	179.6	174.6	169.6	164.5
35°	376.0	331.2	286.3	241.4	223.6	205.8	188.0	170.2	166.6	163.3	159.7
37.5°	367.2	322.8	278.1	233.5	216.3	199.1	181.7	164.5	161.8	159.1	156.4
40°	358.8	313.8	268.5	223.2	207.9	192.8	177.5	162.2	160.5	158.9	157.0
42.5°	351.3	307.5	263.5	219.6	206.0	192.6	179.0	165.4	163.7	162.0	160.3
45°	347.1	304.3	261.6	218.8	209.0	199.1	189.0	179.2	175.2	171.2	167.0
47.5°	343.9	303.9	263.9	223.8	213.6	203.3	193.0	182.8	179.2	175.6	171.9
50°	344.6	306.2	267.6	229.1	216.7	204.1	191.8	179.2	178.8	178.4	177.9
52.5°	350.2	309.6	268.7	227.8	214.4	201.0	187.4	174.0	176.7	179.2	181.9
55°	342.0	299.7	257.2	214.8	202.0	189.5	176.7	163.9	167.5	170.8	174.4
57.5°	332.8	286.9	241.0	195.1	185.5	175.8	166.0	156.4	160.1	164.1	167.9
60°	302.2	260.3	218.4	176.5	170.0	163.5	157.0	150.5	152.2	153.8	155.5
62.5°	268.7	233.3	198.1	162.6	157.6	152.4	147.3	142.1	142.1	142.3	142.3
65°	247.3	216.9	186.5	156.1	150.5	144.8	139.0	133.3	132.5	131.6	130.8
67.5°	225.9	202.0	177.9	153.8	145.7	137.7	129.5	121.4	120.3	119.5	118.4
70°	209.2	187.8	166.4	145.0	135.8	126.8	117.6	108.4	107.5	106.9	106.1
72.5°	195.5	175.6	155.5	135.4	125.8	115.9	106.3	96.4	95.8	95.2	94.3
75°	175.0	157.4	139.6	121.8	112.3	103.1	93.7	84.3	83.4	82.8	81.9
77.5°	144.8	129.9	115.3	100.4	93.1	85.9	78.6	71.3	70.8	70.4	69.8
80°	111.5	100.0	88.2	76.7	71.9	66.9	62.0	57.0	56.8	56.6	56.2
82.5°	76.5	69.6	62.7	55.8	52.2	48.4	44.9	41.1	41.3	41.5	41.7
85°	43.6	41.1	38.8	36.3	33.3	30.6	27.7	24.7	25.4	26.0	26.4
87.5°	15.9	15.1	14.3	13.4	11.9	10.7	9.2	7.8	8.2	8.8	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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	528.2	521.9	515.6	509.3	503.0	490.0	477.2	464.2	451.2	459.2	467.4
5°	564.4	553.7	542.8	532.1	521.2	515.2	509.1	503.0	496.9	500.1	503.4
7.5°	447.1	440.8	434.3	428.0	421.5	418.8	416.2	413.5	410.8	418.5	426.3
10°	396.1	387.3	378.5	369.5	360.7	355.5	350.2	345.0	339.7	341.8	343.9
12.5°	398.6	385.6	372.6	359.7	346.7	338.9	331.2	323.4	315.6	317.5	319.4
15°	377.1	363.6	350.2	336.8	323.4	314.4	305.2	296.1	286.9	283.8	280.4
17.5°	332.8	318.2	303.5	288.8	274.1	268.1	262.0	255.9	249.8	246.5	243.1
20°	284.8	271.2	257.6	244.0	230.3	226.1	222.0	217.6	213.4	211.3	209.0
22.5°	258.4	250.0	241.4	233.1	224.5	219.6	215.0	210.2	205.4	203.1	200.6
25°	242.5	244.2	246.1	247.7	249.4	247.3	245.0	242.9	240.6	241.4	242.1
27.5°	238.7	242.3	246.1	249.6	253.2	255.1	257.0	258.8	260.7	261.4	262.0
30°	182.8	184.6	186.3	188.2	189.9	195.1	200.4	205.4	210.6	218.8	227.2
32.5°	159.5	158.9	158.2	157.4	156.8	158.0	159.3	160.3	161.6	164.5	167.7
35°	156.1	154.7	153.0	151.5	149.9	150.5	151.1	151.7	152.4	154.7	157.0
37.5°	153.6	153.0	152.6	152.0	151.3	152.8	154.0	155.5	156.8	158.7	160.5
40°	155.3	155.1	154.9	154.5	154.3	155.1	155.9	156.8	157.6	160.1	162.6
42.5°	158.7	158.7	158.4	158.4	158.2	159.1	159.7	160.5	161.2	162.6	164.1
45°	163.1	162.6	162.4	162.0	161.6	161.4	161.4	161.2	161.0	161.8	162.9
47.5°	168.3	166.8	165.2	163.7	162.0	161.6	161.0	160.5	159.9	160.3	160.8
50°	177.5	173.5	169.8	165.8	161.8	160.8	159.7	158.7	157.6	157.4	157.4
52.5°	184.4	178.6	172.7	166.8	161.0	159.1	157.2	155.3	153.4	153.0	152.8
55°	177.7	173.3	169.1	164.7	160.3	157.6	154.7	152.0	149.0	148.4	147.8
57.5°	171.7	168.9	166.2	163.5	160.8	158.0	155.1	152.4	149.4	148.0	146.5
60°	157.2	157.2	157.4	157.4	157.4	154.5	151.5	148.6	145.7	144.2	142.9
62.5°	142.3	144.6	146.7	149.0	151.1	147.1	142.9	139.0	134.8	133.7	132.9
65°	129.9	130.6	131.4	132.0	132.7	129.5	126.4	123.2	120.1	119.5	118.6
67.5°	117.4	117.2	117.0	116.5	116.3	114.4	112.3	110.5	108.4	107.5	106.7
70°	105.2	105.0	104.8	104.4	104.2	102.5	100.8	99.1	97.5	96.8	96.2
72.5°	93.7	93.5	93.1	92.8	92.4	91.0	89.7	88.2	86.8	85.9	85.1
75°	81.1	80.7	80.3	79.9	79.4	78.2	76.9	75.5	74.2	73.4	72.5
77.5°	69.4	68.7	68.1	67.3	66.6	65.6	64.3	63.3	62.0	61.0	60.2
80°	56.0	55.5	55.1	54.5	54.1	53.0	52.0	50.7	49.7	48.4	47.4
82.5°	41.9	41.7	41.3	41.1	40.7	39.6	38.6	37.5	36.5	35.2	34.0
85°	27.0	26.8	26.6	26.4	26.2	25.4	24.7	23.9	23.1	21.8	20.7
87.5°	9.6	9.2	9.0	8.6	8.2	8.0	7.5	7.3	6.9	6.3	5.7
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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	475.3	483.3	483.5	483.5	487.3	490.9	483.5	476.2	468.6	461.3	454.0
5°	506.6	509.7	508.9	507.8	503.2	498.6	493.8	489.0	484.2	479.3	479.5
7.5°	434.1	441.8	448.1	454.2	448.3	442.4	439.3	436.2	433.0	429.9	429.4
10°	345.8	347.9	350.4	352.7	349.2	345.4	351.7	358.0	364.1	370.3	363.4
12.5°	321.3	323.2	318.8	314.2	312.7	311.2	309.8	308.1	306.6	305.0	304.1
15°	277.3	273.9	270.6	267.0	266.2	265.1	264.1	262.8	261.8	260.5	256.7
17.5°	239.8	236.4	230.8	224.9	222.6	220.1	219.4	218.8	218.0	217.3	213.8
20°	206.9	204.6	203.1	201.4	199.1	196.8	194.5	192.2	189.7	187.4	184.0
22.5°	198.3	195.8	193.9	191.8	191.4	190.9	186.7	182.3	178.2	173.7	171.9
25°	242.9	243.5	232.0	220.3	219.2	218.2	210.6	202.9	195.3	187.6	181.1
27.5°	262.4	263.0	262.6	262.2	258.8	255.3	242.5	229.5	216.7	203.7	194.5
30°	235.4	243.5	246.7	249.8	247.5	245.0	231.6	218.4	205.0	191.6	185.5
32.5°	170.6	173.5	178.8	183.8	186.5	189.0	184.9	180.7	176.5	172.3	171.2
35°	159.1	161.4	162.4	163.5	161.8	160.1	157.0	153.8	150.5	147.3	146.7
37.5°	162.2	164.1	166.2	168.3	163.7	158.9	155.3	152.0	148.4	144.8	141.9
40°	165.2	167.7	168.9	170.2	165.6	161.0	156.6	152.4	148.0	143.6	140.6
42.5°	165.6	167.0	169.3	171.7	165.2	158.4	154.5	150.3	146.3	142.1	139.2
45°	163.7	164.5	166.6	168.7	161.2	153.4	149.9	146.1	142.5	138.7	136.2
47.5°	161.0	161.4	163.1	164.5	156.6	148.4	145.0	141.7	138.1	134.8	132.3
50°	157.2	157.0	158.2	159.3	151.1	142.9	139.6	136.4	133.1	129.7	127.6
52.5°	152.4	152.0	153.2	154.3	145.7	137.1	134.1	131.4	128.5	125.5	123.9
55°	146.9	146.3	147.3	148.4	140.0	131.4	128.9	126.2	123.7	120.9	119.5
57.5°	144.8	143.4	144.0	144.6	135.2	125.8	123.2	120.7	118.2	115.7	114.6
60°	141.5	140.0	140.6	141.1	131.0	120.7	118.4	115.9	113.6	111.1	110.0
62.5°	131.8	130.8	131.6	132.5	123.4	114.2	112.1	110.2	108.1	106.1	104.6
65°	118.0	117.2	118.8	120.5	112.8	105.0	103.7	102.5	101.0	99.8	98.3
67.5°	105.8	105.0	106.7	108.4	102.7	97.0	95.8	94.5	93.3	92.0	91.2
70°	95.6	94.9	96.4	97.9	93.1	88.2	87.0	85.9	84.7	83.4	82.8
72.5°	84.0	83.2	85.1	86.8	82.8	78.6	77.5	76.3	75.2	74.0	73.6
75°	71.7	70.8	72.5	74.0	71.3	68.3	67.3	66.2	65.2	64.1	63.9
77.5°	59.1	58.1	59.7	61.2	59.5	57.6	56.8	55.8	54.9	53.9	53.9
80°	46.1	44.9	46.1	47.2	46.5	45.9	45.3	44.4	43.8	43.0	43.2
82.5°	32.7	31.4	32.1	32.7	33.1	33.5	33.5	33.5	33.5	33.5	33.5
85°	19.5	18.2	18.4	18.7	19.3	19.9	20.1	20.3	20.5	20.7	21.0
87.5°	5.0	4.4	4.0	3.4	4.0	4.4	4.8	5.0	5.4	5.7	5.7
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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	446.6	439.1	431.8	436.4	440.8	445.4	449.8	450.0	450.0	450.2	450.2
5°	480.0	480.2	480.4	476.0	471.8	467.4	463.0	460.7	458.4	455.9	453.6
7.5°	428.8	428.4	427.8	423.6	419.4	415.2	411.0	400.9	390.7	380.6	370.3
10°	356.3	349.4	342.3	340.6	339.1	337.4	335.8	333.0	330.5	327.8	325.1
12.5°	303.3	302.4	301.6	297.2	292.8	288.2	283.8	283.8	283.8	283.8	283.8
15°	252.8	249.0	245.0	242.9	240.6	238.5	236.2	235.2	234.1	233.1	232.0
17.5°	210.0	206.4	202.7	202.3	201.8	201.4	201.0	199.9	198.9	197.9	196.8
20°	180.7	177.3	174.0	175.2	176.5	177.5	178.8	177.7	176.7	175.4	174.4
22.5°	169.8	167.9	165.8	164.7	163.7	162.4	161.4	161.4	161.6	161.6	161.6
25°	174.8	168.3	161.8	158.7	155.5	152.2	149.0	147.8	146.7	145.5	144.2
27.5°	185.3	175.8	166.6	161.2	155.7	150.3	144.8	142.5	140.0	137.7	135.2
30°	179.2	173.1	166.8	160.5	154.3	148.0	141.7	138.7	135.8	132.7	129.7
32.5°	170.2	168.9	167.9	162.0	156.1	150.1	144.2	142.9	141.9	140.6	139.4
35°	145.9	145.2	144.4	142.9	141.5	140.0	138.5	136.9	135.2	133.5	131.8
37.5°	139.2	136.2	133.3	132.7	132.0	131.4	130.8	130.2	129.5	128.7	128.1
40°	137.7	134.8	131.8	130.8	129.7	128.5	127.4	127.6	128.1	128.3	128.5
42.5°	136.0	133.1	129.9	129.1	128.3	127.4	126.6	126.8	127.2	127.4	127.6
45°	133.9	131.4	128.9	127.4	126.2	124.7	123.2	124.5	125.8	126.8	128.1
47.5°	129.7	127.0	124.5	123.7	122.8	121.8	120.9	122.2	123.4	124.5	125.8
50°	125.3	123.2	120.9	120.7	120.5	120.1	119.9	120.7	121.6	122.4	123.2
52.5°	122.0	120.3	118.4	118.4	118.2	118.2	118.0	118.8	119.7	120.3	121.1
55°	118.2	116.7	115.3	115.5	115.9	116.1	116.3	117.2	118.2	119.0	119.9
57.5°	113.4	112.3	111.1	111.9	112.5	113.4	114.0	114.6	115.5	116.1	116.7
60°	108.8	107.7	106.5	107.3	108.4	109.2	110.0	110.7	111.3	111.9	112.5
62.5°	103.1	101.4	100.0	101.2	102.3	103.5	104.6	105.0	105.6	106.1	106.5
65°	97.0	95.6	94.1	94.9	95.8	96.4	97.2	97.9	98.5	99.1	99.8
67.5°	90.1	89.3	88.2	88.9	89.5	90.1	90.8	91.0	91.0	91.2	91.2
70°	81.9	81.3	80.5	80.9	81.5	81.9	82.4	82.4	82.4	82.2	82.2
72.5°	73.4	72.9	72.5	72.7	73.1	73.4	73.6	73.4	73.1	72.9	72.7
75°	63.7	63.5	63.3	63.5	63.9	64.1	64.3	64.1	63.7	63.5	63.1
77.5°	54.1	54.1	54.1	54.1	54.3	54.3	54.3	53.9	53.4	53.0	52.6
80°	43.4	43.6	43.8	43.8	43.8	43.8	43.8	43.4	43.0	42.3	41.9
82.5°	33.5	33.5	33.5	33.5	33.7	33.7	33.7	32.7	31.9	30.8	29.8
85°	21.0	21.2	21.2	21.4	21.6	21.6	21.8	20.3	19.1	17.6	16.1
87.5°	5.7	5.7	5.7	5.7	5.7	5.4	5.4	4.2	2.7	1.5	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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	451.5	452.7	453.8	455.0	455.2	455.4	455.4	455.6	451.2	446.8	442.2
5°	456.7	459.6	462.8	465.7	465.1	464.4	463.8	463.2	461.9	460.9	459.6
7.5°	368.0	365.9	363.6	361.3	363.2	365.1	367.0	368.9	369.7	370.6	371.2
10°	319.8	314.6	309.4	304.1	301.2	298.0	295.1	292.0	291.5	291.3	290.9
12.5°	278.3	272.7	267.2	261.6	259.9	258.0	256.3	254.4	256.1	257.8	259.3
15°	229.7	227.6	225.3	223.0	224.9	226.8	228.7	230.5	232.2	233.7	235.4
17.5°	195.8	194.9	193.9	192.8	194.5	196.4	198.1	199.7	203.5	207.3	211.1
20°	173.5	172.9	172.1	171.2	170.6	169.8	169.1	168.3	173.7	179.0	184.4
22.5°	160.3	159.1	157.8	156.6	156.8	157.0	157.0	157.2	161.6	166.2	170.6
25°	143.8	143.4	142.9	142.5	143.8	145.0	146.1	147.3	151.3	155.3	159.1
27.5°	135.4	135.6	135.8	136.0	137.7	139.6	141.3	142.9	145.7	148.4	151.1
30°	130.8	132.0	133.1	134.1	134.8	135.4	136.0	136.7	139.4	141.9	144.6
32.5°	137.7	136.0	134.1	132.5	133.3	134.3	135.2	136.0	138.5	141.1	143.6
35°	131.2	130.4	129.7	128.9	129.9	131.0	131.8	132.9	135.2	137.3	139.6
37.5°	127.8	127.6	127.4	127.2	127.8	128.5	128.9	129.5	131.6	133.7	135.6
40°	127.6	126.6	125.8	124.7	125.3	126.0	126.4	127.0	129.5	132.0	134.6
42.5°	126.4	125.1	123.7	122.4	123.0	123.9	124.5	125.1	127.8	130.4	133.1
45°	126.2	124.3	122.2	120.3	121.1	122.0	122.8	123.7	125.8	127.8	129.7
47.5°	123.9	122.0	120.1	118.2	118.6	119.0	119.3	119.7	121.6	123.2	125.1
50°	122.0	120.5	119.3	117.8	117.2	116.7	116.1	115.5	117.0	118.4	119.9
52.5°	119.7	118.2	116.5	115.1	114.2	113.4	112.5	111.7	113.0	114.0	115.3
55°	118.2	116.3	114.6	112.8	111.7	110.7	109.6	108.6	109.4	110.0	110.9
57.5°	115.1	113.4	111.5	109.8	108.6	107.3	105.8	104.6	105.0	105.4	105.8
60°	110.9	109.0	107.3	105.4	104.0	102.5	100.8	99.3	99.6	100.0	100.2
62.5°	104.8	103.1	101.2	99.6	97.9	96.4	94.7	93.1	93.5	93.7	94.1
65°	98.1	96.2	94.5	92.6	91.2	89.7	88.0	86.6	87.0	87.4	87.6
67.5°	89.9	88.4	87.2	85.7	84.5	83.0	81.7	80.3	80.5	80.7	80.9
70°	81.1	79.9	78.8	77.5	76.5	75.5	74.4	73.4	73.4	73.6	73.6
72.5°	71.7	70.6	69.6	68.5	67.5	66.6	65.6	64.6	65.0	65.4	65.6
75°	62.0	61.2	60.2	59.1	58.3	57.4	56.4	55.5	56.0	56.4	56.6
77.5°	52.0	51.3	50.5	49.9	49.0	48.2	47.2	46.3	46.7	47.2	47.4
80°	41.5	41.1	40.5	40.0	39.2	38.4	37.5	36.7	36.9	36.9	37.1
82.5°	30.0	30.2	30.2	30.4	29.8	28.9	28.3	27.5	27.5	27.5	27.2
85°	16.8	17.6	18.2	18.9	18.2	17.6	17.0	16.3	16.1	16.1	15.9
87.5°	0.6	1.0	1.7	2.1	1.9	1.7	1.3	1.0	1.3	1.5	1.5
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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	437.8	441.4	445.0	448.5	452.1	457.5	463.0	468.6	474.3	471.2	467.8
5°	458.4	460.5	462.8	464.9	467.0	473.0	478.9	486.2	493.4	492.5	491.5
7.5°	372.0	375.0	377.9	380.6	383.5	392.8	402.0	409.7	417.5	416.5	415.2
10°	290.5	296.6	302.9	308.9	315.0	322.6	329.9	336.4	342.9	353.8	364.5
12.5°	260.9	270.4	279.8	289.2	298.7	304.1	309.4	317.7	326.1	332.0	338.1
15°	236.8	245.6	254.4	263.2	272.0	272.5	272.9	281.7	290.5	295.5	300.3
17.5°	214.8	219.6	224.5	229.1	233.9	232.2	230.5	234.7	238.7	240.8	243.1
20°	189.7	193.0	196.4	199.7	203.1	205.4	207.5	210.0	212.3	210.2	207.9
22.5°	175.0	180.0	185.3	190.3	195.3	196.8	198.1	196.6	195.1	194.5	193.9
25°	163.1	169.1	175.4	181.5	187.6	190.5	193.5	194.7	195.8	193.5	191.1
27.5°	153.8	161.2	168.3	175.6	182.8	188.0	193.2	194.7	196.0	194.3	192.4
30°	147.1	155.1	163.1	171.0	179.0	187.0	194.7	201.6	208.3	207.7	207.1
32.5°	146.1	151.5	157.0	162.4	167.9	172.9	177.7	178.2	178.4	176.7	174.8
35°	141.7	145.2	148.8	152.4	155.9	159.1	162.0	161.6	161.2	159.5	157.8
37.5°	137.7	141.3	145.0	148.6	152.2	157.6	162.9	161.8	160.5	158.9	157.2
40°	137.1	141.1	145.0	148.8	152.8	157.8	162.9	161.8	160.8	158.7	156.6
42.5°	135.6	139.6	143.4	147.3	151.1	157.2	163.1	161.2	159.1	157.4	155.7
45°	131.8	135.4	139.0	142.5	146.1	152.6	159.1	156.8	154.5	153.8	153.0
47.5°	126.8	130.4	133.9	137.5	141.1	147.6	153.8	152.0	149.9	149.6	149.2
50°	121.4	124.7	128.3	131.6	135.0	141.5	147.8	146.1	144.4	144.6	144.6
52.5°	116.3	119.5	122.4	125.5	128.5	135.0	141.3	140.0	138.5	139.0	139.2
55°	111.5	114.0	116.5	119.0	121.6	127.8	134.1	132.3	130.4	131.0	131.6
57.5°	106.3	108.4	110.5	112.3	114.4	120.7	126.8	124.7	122.4	123.4	124.3
60°	100.4	102.3	104.2	105.8	107.7	113.4	118.8	117.0	114.9	116.3	117.6
62.5°	94.3	95.8	97.2	98.7	100.2	105.4	110.7	109.2	107.7	109.4	110.9
65°	88.0	89.1	90.3	91.4	92.4	97.5	102.3	101.2	100.2	101.7	103.1
67.5°	81.1	81.9	83.0	83.8	84.7	89.3	93.9	92.8	91.6	92.8	93.9
70°	73.6	74.4	75.0	75.9	76.5	80.7	84.9	83.4	81.7	83.0	84.0
72.5°	66.0	66.4	67.1	67.5	67.9	71.1	74.2	72.9	71.7	72.9	74.0
75°	57.0	57.4	57.8	58.3	58.7	61.4	63.9	62.5	60.8	62.0	63.3
77.5°	47.8	48.0	48.4	48.6	48.8	50.7	52.4	50.9	49.3	50.7	52.2
80°	37.1	37.3	37.5	37.5	37.7	38.4	39.0	37.9	36.7	38.6	40.5
82.5°	27.2	27.0	27.0	26.8	26.6	26.6	26.4	25.8	24.9	26.6	28.3
85°	15.7	15.5	15.1	14.9	14.5	13.8	13.2	13.0	12.8	14.3	15.7
87.5°	1.7	1.5	1.0	0.8	0.4	0.2	0.0	0.0	0.0	0.8	1.9
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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554

CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	464.7	461.3	458.2	455.0	451.9	448.7	454.6	460.5	466.3	472.2	477.4
5°	490.6	489.6	486.9	484.4	481.6	478.9	480.4	482.1	483.5	485.0	488.1
7.5°	414.1	412.9	418.8	424.4	430.3	435.9	437.4	438.7	440.1	441.4	440.6
10°	375.4	386.1	388.8	391.3	394.0	396.5	400.7	404.9	408.9	413.1	415.4
12.5°	343.9	349.8	359.4	369.3	378.9	388.6	394.9	401.2	407.4	413.7	426.7
15°	305.4	310.2	317.5	324.9	332.2	339.5	348.5	357.8	366.8	375.8	390.0
17.5°	245.2	247.3	252.8	258.2	263.5	268.9	281.1	293.0	305.2	317.1	333.5
20°	205.8	203.5	203.5	203.7	203.7	203.7	215.9	227.8	240.0	251.9	273.5
22.5°	193.0	192.4	190.1	187.6	185.3	182.8	189.0	195.5	201.8	208.1	225.7
25°	188.6	186.3	183.4	180.5	177.5	174.6	178.6	182.6	186.5	190.5	204.3
27.5°	190.7	188.8	190.3	191.6	193.0	194.3	195.5	196.8	198.1	199.3	204.1
30°	206.4	205.8	208.1	210.2	212.5	214.6	211.7	209.0	206.0	203.1	204.8
32.5°	173.1	171.2	170.4	169.6	168.7	167.9	167.7	167.5	167.0	166.8	170.6
35°	156.1	154.5	153.2	152.0	150.5	149.2	149.9	150.3	150.9	151.3	155.5
37.5°	155.5	153.8	152.4	150.9	149.2	147.8	148.4	149.2	149.9	150.5	153.6
40°	154.5	152.4	151.5	150.7	149.9	149.0	149.4	149.9	150.1	150.5	152.8
42.5°	153.8	152.2	151.7	151.3	150.9	150.5	150.9	151.3	151.5	152.0	154.7
45°	152.4	151.5	152.0	152.4	152.8	153.2	153.2	153.2	153.2	153.2	156.1
47.5°	149.0	148.6	149.9	151.1	152.4	153.6	155.7	157.8	159.7	161.8	162.4
50°	144.8	144.8	146.9	149.0	150.9	153.0	158.0	162.9	167.9	172.7	169.6
52.5°	139.6	139.8	142.9	145.9	149.0	152.0	156.6	161.2	165.6	170.2	165.6
55°	132.0	132.7	136.7	140.4	144.4	148.2	151.7	155.3	158.9	162.4	157.6
57.5°	125.3	126.2	130.4	134.3	138.5	142.5	144.6	146.9	149.0	151.1	148.0
60°	119.0	120.3	125.8	131.2	136.4	141.9	140.2	138.5	136.7	135.0	134.8
62.5°	112.5	114.0	119.0	124.1	128.9	133.9	131.4	128.9	126.2	123.7	124.7
65°	104.4	105.8	108.1	110.5	112.5	114.9	114.6	114.6	114.4	114.2	116.3
67.5°	95.2	96.2	97.7	98.9	100.4	101.7	102.5	103.5	104.4	105.2	107.7
70°	85.3	86.4	87.8	89.1	90.5	91.8	92.8	93.9	94.7	95.8	98.3
72.5°	75.2	76.3	77.8	79.2	80.5	81.9	82.8	83.6	84.3	85.1	87.2
75°	64.6	65.8	67.3	68.5	70.0	71.3	71.9	72.5	73.1	73.8	75.7
77.5°	53.7	55.1	56.6	58.1	59.5	61.0	61.2	61.4	61.6	61.8	63.5
80°	42.1	44.0	45.5	46.9	48.4	49.9	49.9	49.9	49.9	49.9	50.7
82.5°	30.0	31.6	33.3	34.8	36.5	37.9	37.9	37.7	37.7	37.5	37.5
85°	17.2	18.7	19.7	21.0	22.0	23.1	23.1	23.1	22.8	22.8	22.4
87.5°	2.7	3.6	4.0	4.6	5.0	5.4	5.2	5.2	5.0	4.8	4.2
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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	482.7	487.9	493.2	492.3	491.5	490.6	489.8	493.0	495.9	499.0	502.0
5°	491.1	494.2	497.1	499.5	501.8	504.1	506.4	517.1	527.5	538.2	548.7
7.5°	439.7	438.7	437.8	447.7	457.7	467.6	477.4	491.1	504.7	518.3	531.9
10°	417.7	420.0	422.3	426.3	430.5	434.5	438.5	451.9	465.3	478.7	492.1
12.5°	439.5	452.5	465.3	468.4	471.8	474.9	478.1	480.8	483.5	486.0	488.8
15°	404.3	418.5	432.8	441.0	449.1	457.1	465.3	485.8	506.2	526.7	547.0
17.5°	349.6	365.9	382.1	402.2	422.3	442.4	462.6	481.4	500.3	518.9	537.8
20°	295.1	316.5	338.1	360.1	381.9	403.9	425.7	444.1	462.6	480.8	499.2
22.5°	243.1	260.7	278.1	305.0	331.6	358.4	385.0	419.4	453.6	487.9	522.1
25°	218.0	231.8	245.4	273.1	300.8	328.2	355.9	400.5	445.0	489.6	534.0
27.5°	209.2	214.0	218.8	244.0	268.9	294.1	319.0	367.2	415.4	463.4	511.6
30°	206.4	208.1	209.8	229.5	249.2	268.9	288.6	336.2	384.0	431.5	479.1
32.5°	174.2	177.9	181.5	200.8	219.9	239.1	258.2	306.2	354.0	402.0	449.8
35°	159.7	163.9	168.1	187.0	205.8	224.5	243.3	293.8	344.6	395.1	445.6
37.5°	156.8	159.9	163.1	184.4	205.8	227.2	248.6	299.7	350.9	402.0	453.1
40°	155.3	157.6	159.9	180.7	201.6	222.4	243.1	296.8	350.2	403.9	457.3
42.5°	157.2	159.9	162.4	181.3	199.9	218.8	237.5	293.0	348.3	403.9	459.2
45°	158.9	161.8	164.5	182.1	199.7	217.3	234.9	294.3	353.4	412.7	471.8
47.5°	162.9	163.5	163.9	179.2	194.3	209.6	224.7	285.0	345.4	405.6	465.9
50°	166.2	163.1	159.7	175.6	191.4	207.3	223.0	280.2	337.4	394.4	451.7
52.5°	161.0	156.1	151.5	168.7	185.9	202.9	220.1	277.3	334.7	391.9	449.1
55°	153.0	148.2	143.4	160.8	178.2	195.5	212.9	270.0	327.2	384.2	441.2
57.5°	145.0	141.9	138.7	153.0	167.5	181.7	196.0	257.8	319.4	381.2	442.9
60°	134.6	134.1	133.9	145.0	156.4	167.5	178.6	239.1	299.5	360.1	420.4
62.5°	125.5	126.6	127.4	136.4	145.5	154.3	163.3	221.7	280.4	338.9	397.4
65°	118.6	120.7	122.8	133.1	143.4	153.4	163.7	212.7	261.8	310.8	359.9
67.5°	110.2	112.8	115.3	128.7	142.1	155.5	168.9	209.4	249.8	290.3	330.7
70°	100.6	103.1	105.4	122.6	139.6	156.8	173.7	209.6	245.6	281.5	317.3
72.5°	89.3	91.4	93.5	111.9	130.4	148.8	167.3	197.6	228.0	258.2	288.6
75°	77.8	79.6	81.5	97.5	113.4	129.3	145.2	168.7	192.0	215.5	238.7
77.5°	65.0	66.6	68.1	78.8	89.5	100.2	110.9	128.9	146.7	164.7	182.6
80°	51.6	52.4	53.2	59.5	65.6	71.9	78.0	89.9	101.9	113.6	125.5
82.5°	37.7	37.7	37.7	41.7	45.9	49.9	53.9	59.9	65.8	71.9	77.8
85°	22.0	21.4	21.0	23.7	26.4	29.1	31.9	34.4	36.9	39.4	41.9
87.5°	3.6	2.7	2.1	3.8	5.4	7.1	8.8	9.6	10.7	11.5	12.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554

CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	494.8	487.9	480.8	473.7	484.2	494.6	505.1	515.6	543.5	560.0	561.1
5°	557.5	566.3	575.1	583.9	592.7	601.5	610.1	618.9	664.2	692.1	697.3
7.5°	546.4	561.1	575.5	590.0	614.9	639.9	664.8	689.8	728.1	755.8	774.0
10°	510.1	528.2	546.2	564.2	593.8	623.5	653.1	682.6	723.3	759.8	777.2
12.5°	517.5	546.2	574.7	603.4	629.0	654.8	680.3	705.9	734.0	747.8	779.5
15°	566.9	586.8	606.8	626.7	665.2	703.6	742.2	780.5	796.4	828.1	856.6
17.5°	574.5	611.0	647.6	684.1	731.3	778.4	825.6	872.7	902.3	943.1	977.5
20°	551.0	602.6	654.3	705.9	766.7	827.7	888.4	949.2	986.7	1021.1	1074.4
22.5°	579.1	636.1	692.9	749.9	830.6	911.1	991.8	1072.3	1150.6	1227.4	1263.4
25°	610.1	686.4	762.5	838.6	939.4	1040.0	1140.8	1241.4	1342.2	1414.1	1455.6
27.5°	588.3	664.8	741.5	818.0	942.7	1067.6	1192.4	1317.1	1425.0	1511.6	1547.2
30°	573.0	666.9	760.8	854.7	1001.0	1147.3	1293.6	1439.9	1539.6	1636.3	1688.7
32.5°	570.3	690.8	811.1	931.6	1102.0	1272.2	1442.6	1612.8	1679.0	1764.7	1835.4
35°	577.8	710.3	842.5	974.8	1170.1	1365.5	1560.6	1755.9	1850.0	1934.9	1996.8
37.5°	600.9	748.7	896.2	1044.0	1279.3	1514.9	1750.3	1985.6	2143.5	2298.8	2326.4
40°	613.9	770.7	927.2	1083.8	1357.5	1631.2	1905.0	2178.7	2360.2	2530.6	2542.1
42.5°	629.2	799.2	968.9	1138.9	1442.4	1746.1	2049.6	2353.1	2577.7	2760.9	2766.4
45°	646.8	821.6	996.6	1171.4	1488.3	1805.0	2121.9	2438.6	2710.2	2932.8	2878.5
47.5°	653.7	841.7	1029.5	1217.3	1555.1	1892.8	2230.7	2568.3	2812.1	3014.5	2962.5
50°	656.4	861.4	1066.2	1270.9	1621.0	1971.2	2321.2	2671.2	2919.2	3116.6	3036.9
52.5°	673.4	897.7	1121.9	1346.2	1710.9	2075.6	2440.2	2804.9	3048.9	3238.6	3139.6
55°	696.3	951.3	1206.2	1461.3	1838.7	2216.0	2593.5	2970.7	3215.5	3392.0	3269.4
57.5°	717.4	992.2	1266.8	1541.3	1932.4	2323.7	2714.8	3105.9	3353.8	3528.4	3409.6
60°	707.2	993.9	1280.6	1567.3	1951.7	2335.9	2720.3	3104.4	3385.9	3595.3	3534.5
62.5°	676.1	954.9	1233.4	1512.2	1877.1	2241.8	2606.7	2971.3	3300.8	3569.3	3566.6
65°	616.4	872.9	1129.3	1385.8	1723.4	2061.3	2399.0	2736.6	3125.0	3451.1	3472.3
67.5°	543.7	756.6	969.6	1182.5	1500.4	1818.4	2136.3	2454.3	2869.5	3229.3	3247.6
70°	473.3	629.4	785.3	941.3	1220.4	1499.6	1778.6	2057.7	2477.1	2841.2	2858.0
72.5°	390.7	492.7	594.6	696.7	922.8	1149.0	1374.9	1601.0	1969.3	2249.3	2343.8
75°	299.3	359.9	420.4	481.0	664.0	846.9	1029.7	1212.7	1457.5	1664.1	1770.6
77.5°	214.0	245.4	276.9	308.3	463.8	619.3	774.6	930.2	1058.8	1176.0	1247.9
80°	140.4	155.1	170.0	184.6	314.0	443.3	572.4	701.7	780.1	843.0	879.2
82.5°	85.1	92.4	99.6	106.9	211.7	316.5	421.1	525.9	570.7	600.7	633.0
85°	45.9	49.9	53.9	57.8	125.1	192.2	259.5	326.5	330.9	334.5	382.5
87.5°	13.4	14.7	15.7	16.8	27.7	38.8	49.7	60.6	37.7	23.5	48.2
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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554

CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	555.0	552.3	549.5	546.6	543.9	532.4	521.0	509.5	498.0	509.1	520.0
5°	691.2	699.6	707.8	716.2	724.5	725.2	725.6	726.2	726.6	728.7	730.8
7.5°	789.3	804.2	818.9	833.7	848.6	860.2	871.7	883.4	894.9	884.5	874.0
10°	797.7	829.1	860.6	892.0	923.4	929.1	934.6	940.2	945.9	953.4	960.8
12.5°	806.1	844.4	882.6	920.9	959.3	976.1	992.6	1009.4	1025.9	1034.1	1042.1
15°	894.7	917.4	939.8	962.4	984.9	996.4	1007.7	1019.2	1030.8	1037.7	1044.4
17.5°	1008.8	1017.1	1025.3	1033.7	1042.1	1049.8	1057.6	1065.3	1073.1	1074.4	1075.6
20°	1112.7	1114.4	1115.9	1117.5	1119.0	1102.6	1086.5	1070.2	1053.8	1056.7	1059.5
22.5°	1268.6	1259.4	1250.4	1241.2	1232.2	1201.4	1170.8	1140.0	1109.4	1096.1	1083.2
25°	1503.4	1479.9	1456.4	1433.0	1409.5	1360.4	1311.6	1262.6	1213.7	1185.0	1156.5
27.5°	1579.0	1527.9	1477.0	1425.8	1374.7	1337.6	1300.7	1263.6	1226.7	1181.2	1135.8
30°	1732.0	1651.4	1570.9	1490.2	1409.5	1373.6	1337.8	1301.8	1265.9	1219.4	1173.1
32.5°	1867.6	1783.8	1700.0	1615.9	1532.1	1464.2	1396.3	1328.4	1260.5	1229.0	1197.6
35°	2024.6	1919.2	1813.8	1708.4	1602.9	1544.7	1486.6	1428.3	1370.3	1322.7	1275.3
37.5°	2253.3	2141.2	2029.0	1916.7	1804.6	1725.8	1647.2	1568.4	1489.8	1463.6	1437.6
40°	2471.3	2338.8	2206.6	2074.1	1941.8	1881.5	1821.1	1760.5	1700.2	1656.0	1611.7
42.5°	2653.8	2522.8	2392.0	2261.0	2130.3	2086.2	2042.4	1998.4	1954.6	1918.2	1881.7
45°	2716.5	2609.6	2502.9	2396.0	2289.1	2273.6	2258.3	2242.8	2227.5	2200.5	2173.4
47.5°	2817.3	2708.3	2599.5	2490.5	2381.6	2387.2	2392.9	2398.7	2404.4	2405.9	2407.1
50°	2876.6	2773.1	2669.7	2566.2	2462.9	2490.3	2517.6	2545.0	2572.5	2634.7	2696.8
52.5°	2963.2	2861.5	2760.1	2658.4	2556.8	2603.3	2649.6	2696.2	2742.5	2829.7	2916.8
55°	3071.7	2974.5	2877.4	2780.2	2683.2	2728.4	2773.5	2818.8	2863.8	2960.9	3057.9
57.5°	3215.7	3111.6	3007.6	2903.4	2799.5	2841.2	2882.7	2924.4	2965.9	3058.1	3150.3
60°	3379.6	3266.4	3153.3	3039.9	2926.7	2938.2	2949.5	2961.1	2972.4	3072.4	3172.1
62.5°	3460.1	3355.3	3250.7	3145.9	3041.1	3009.1	2977.0	2944.7	2912.7	3002.1	3091.4
65°	3390.3	3318.2	3246.3	3174.2	3102.1	3045.5	2989.2	2932.6	2876.0	2931.9	2987.7
67.5°	3168.1	3127.3	3086.6	3045.7	3004.9	2909.9	2815.0	2719.8	2624.9	2628.7	2632.2
70°	2808.1	2797.2	2786.5	2775.6	2764.7	2622.0	2479.4	2336.7	2194.0	2172.2	2150.4
72.5°	2351.8	2358.9	2365.8	2373.0	2380.1	2226.7	2073.3	1919.8	1766.4	1730.2	1693.9
75°	1821.5	1860.9	1900.3	1940.0	1979.4	1832.6	1685.9	1539.0	1392.3	1347.7	1303.0
77.5°	1287.1	1360.7	1434.0	1507.6	1581.1	1448.5	1316.0	1183.3	1050.7	1021.7	992.8
80°	897.5	933.5	969.6	1005.6	1041.7	975.0	908.4	841.7	775.1	783.0	790.8
82.5°	653.7	662.1	670.3	678.6	687.0	659.8	632.5	605.1	577.8	598.6	619.3
85°	418.8	448.7	478.5	508.5	538.2	508.0	477.9	447.5	417.3	431.1	445.0
87.5°	93.7	148.2	202.7	257.4	311.9	282.5	253.4	224.1	194.7	181.5	168.5
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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554

CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	531.1	542.2	538.9	535.7	532.4	529.0	535.1	541.2	547.4	553.5	551.4
5°	733.1	735.2	715.3	695.6	675.7	655.8	668.2	680.5	692.9	705.3	700.9
7.5°	863.5	853.0	841.5	830.0	818.2	806.7	804.2	801.7	799.0	796.4	793.1
10°	968.3	975.6	968.1	960.8	953.2	945.7	928.1	910.5	892.6	875.0	867.7
12.5°	1050.2	1058.4	1060.3	1062.0	1063.9	1065.8	1046.1	1026.6	1006.9	987.2	969.3
15°	1051.3	1058.2	1064.3	1070.2	1076.2	1082.1	1070.0	1058.0	1045.8	1033.7	1028.0
17.5°	1077.1	1078.3	1073.3	1068.5	1063.5	1058.6	1053.8	1049.2	1044.4	1039.8	1030.8
20°	1062.4	1065.3	1064.7	1064.1	1063.2	1062.6	1063.0	1063.2	1063.7	1063.9	1058.8
22.5°	1070.0	1056.7	1059.5	1062.0	1064.7	1067.2	1074.8	1082.3	1090.1	1097.6	1117.7
25°	1127.8	1099.1	1094.7	1090.5	1086.1	1081.9	1101.6	1121.1	1140.8	1160.5	1193.2
27.5°	1090.1	1044.6	1034.5	1024.5	1014.4	1004.3	1034.3	1064.1	1094.1	1124.0	1157.3
30°	1126.5	1080.2	1058.0	1035.8	1013.4	991.1	1019.9	1048.4	1077.1	1105.6	1142.5
32.5°	1166.2	1134.7	1119.8	1105.2	1090.3	1075.6	1077.9	1080.2	1082.5	1084.8	1136.8
35°	1227.8	1180.2	1165.5	1150.9	1136.2	1121.5	1146.0	1170.3	1194.9	1219.2	1263.2
37.5°	1411.4	1385.2	1358.8	1332.4	1305.7	1279.3	1293.8	1308.3	1322.7	1337.2	1378.7
40°	1567.5	1523.3	1518.9	1514.7	1510.3	1505.9	1507.2	1508.2	1509.5	1510.7	1546.1
42.5°	1845.0	1808.5	1786.1	1763.7	1741.3	1718.8	1717.4	1715.9	1714.2	1712.8	1739.4
45°	2146.2	2119.2	2102.4	2085.6	2068.6	2051.9	2025.3	1998.6	1971.8	1945.2	1968.5
47.5°	2408.6	2410.1	2440.5	2470.6	2501.0	2531.4	2485.9	2440.5	2395.0	2349.5	2319.5
50°	2759.0	2821.1	2828.4	2835.5	2842.9	2850.2	2773.1	2696.2	2619.0	2541.9	2510.5
52.5°	3004.2	3091.4	3080.1	3069.0	3057.7	3046.4	3001.7	2957.3	2912.7	2868.0	2799.5
55°	3155.1	3252.2	3243.6	3235.2	3226.6	3218.0	3185.5	3153.1	3120.6	3088.1	3012.8
57.5°	3242.5	3334.8	3337.3	3339.8	3342.3	3344.8	3336.2	3327.6	3319.0	3310.5	3212.6
60°	3272.1	3372.1	3373.1	3374.0	3375.0	3375.8	3362.2	3348.6	3334.8	3321.1	3257.2
62.5°	3180.9	3270.2	3274.2	3278.0	3282.0	3285.9	3276.5	3267.1	3257.6	3248.2	3200.8
65°	3043.6	3099.6	3100.7	3101.5	3102.5	3103.6	3079.7	3056.0	3032.1	3008.2	2996.9
67.5°	2636.0	2639.8	2662.0	2684.2	2706.4	2728.6	2730.5	2732.4	2734.5	2736.4	2720.0
70°	2128.6	2106.8	2130.9	2155.0	2179.1	2203.2	2213.5	2223.7	2234.2	2244.5	2252.0
72.5°	1657.4	1621.2	1639.0	1656.8	1674.8	1692.6	1677.3	1662.0	1646.7	1631.4	1679.9
75°	1258.4	1213.7	1211.4	1209.3	1207.0	1204.9	1197.2	1189.4	1181.5	1173.7	1219.0
77.5°	963.7	934.8	936.2	937.5	939.0	940.2	932.3	924.5	916.5	908.6	926.0
80°	798.7	806.5	806.7	806.9	807.1	807.3	799.8	792.5	784.9	777.4	764.8
82.5°	640.3	661.0	660.8	660.8	660.6	660.4	660.0	659.6	658.9	658.5	638.0
85°	458.8	472.6	458.4	444.1	429.9	415.6	426.1	436.6	447.3	457.7	449.1
87.5°	155.3	142.3	125.3	108.6	91.6	74.6	92.8	111.1	129.5	147.8	158.2
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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554

CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4	455.4
2.5°	549.5	547.4	545.6	532.4	518.9	505.7	492.3	516.6	541.2	565.5	589.8
5°	696.7	692.3	688.1	687.0	686.0	684.7	683.7	696.0	708.4	720.6	732.9
7.5°	789.7	786.4	783.0	774.2	765.6	756.8	748.0	755.6	762.9	770.4	777.8
10°	860.6	853.2	845.9	826.8	808.0	788.9	769.8	764.2	758.5	752.8	747.2
12.5°	951.5	933.5	915.7	894.1	872.3	850.7	828.9	826.0	823.1	820.3	817.4
15°	1022.6	1016.9	1011.3	994.1	976.9	959.7	942.5	919.5	896.2	873.1	850.1
17.5°	1022.0	1012.9	1004.1	1027.2	1050.0	1073.1	1095.9	1071.4	1046.7	1022.2	997.6
20°	1053.8	1048.6	1043.5	1086.1	1128.4	1171.0	1213.3	1199.9	1186.3	1172.9	1159.2
22.5°	1137.6	1157.8	1177.7	1214.1	1250.4	1286.9	1323.1	1338.4	1353.7	1369.0	1384.3
25°	1225.7	1258.4	1291.1	1345.4	1399.4	1453.7	1508.0	1518.9	1529.8	1540.7	1551.6
27.5°	1190.5	1223.8	1257.1	1298.2	1339.1	1380.1	1421.0	1468.8	1516.8	1564.6	1612.4
30°	1179.1	1216.0	1252.7	1309.1	1365.3	1421.6	1478.0	1543.8	1609.6	1675.2	1741.1
32.5°	1188.6	1240.6	1292.5	1368.8	1444.9	1521.2	1597.5	1666.7	1736.0	1805.2	1874.4
35°	1307.0	1351.0	1394.8	1480.1	1565.4	1650.7	1736.0	1817.1	1898.2	1979.1	2060.3
37.5°	1420.0	1461.5	1503.0	1590.2	1677.1	1764.3	1851.5	1979.6	2107.8	2235.9	2364.0
40°	1581.3	1616.8	1652.0	1726.6	1801.2	1875.8	1950.4	2104.9	2259.4	2413.8	2568.3
42.5°	1765.8	1792.4	1818.8	1896.1	1973.5	2050.8	2128.2	2296.3	2464.6	2632.6	2800.7
45°	1991.5	2014.8	2038.0	2091.3	2144.5	2198.0	2251.2	2424.5	2597.9	2771.2	2944.5
47.5°	2289.5	2259.6	2229.6	2255.8	2282.0	2308.2	2334.4	2505.8	2677.3	2848.5	3020.0
50°	2479.0	2447.6	2416.1	2418.4	2420.5	2422.8	2425.2	2585.1	2745.0	2904.7	3064.6
52.5°	2730.9	2662.2	2593.7	2593.0	2592.4	2591.6	2590.9	2730.3	2869.9	3009.3	3148.7
55°	2937.6	2862.4	2787.1	2772.4	2757.8	2742.9	2728.2	2866.1	3003.8	3141.7	3279.4
57.5°	3114.7	3016.6	2918.7	2895.7	2872.6	2849.6	2826.5	2975.1	3123.9	3272.5	3421.1
60°	3193.5	3129.6	3065.9	3037.6	3009.3	2981.0	2952.7	3079.3	3205.9	3332.3	3458.8
62.5°	3153.7	3106.3	3059.2	3065.7	3072.2	3078.6	3085.1	3157.5	3230.0	3302.3	3374.6
65°	2985.8	2974.5	2963.4	3015.8	3068.2	3120.6	3173.0	3174.0	3175.1	3176.1	3177.2
67.5°	2703.7	2687.3	2671.0	2780.0	2888.8	2997.7	3106.7	3055.0	3003.2	2951.6	2899.9
70°	2259.4	2266.9	2274.2	2422.6	2570.8	2719.2	2867.6	2792.6	2717.3	2642.3	2567.0
72.5°	1728.3	1776.9	1825.3	1979.1	2133.0	2286.8	2440.7	2354.9	2269.0	2183.3	2097.4
75°	1264.2	1309.5	1354.8	1506.7	1658.7	1810.8	1962.8	1860.9	1759.1	1657.4	1555.6
77.5°	943.4	961.0	978.4	1104.7	1230.9	1357.3	1483.5	1381.2	1278.9	1176.8	1074.6
80°	752.4	739.8	727.5	797.5	867.5	937.5	1007.5	935.0	862.2	789.7	717.2
82.5°	617.7	597.1	576.8	602.8	628.8	655.0	681.0	622.9	564.8	506.8	448.7
85°	440.6	432.0	423.4	430.9	438.3	445.8	453.3	396.8	340.2	283.8	227.2
87.5°	168.5	179.0	189.5	201.4	213.2	225.1	236.8	185.5	134.1	83.0	31.6
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: P596554  
 CATALOG NUMBER: MSA-SA1D-827-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: P596554  
CATALOG NUMBER: MSA-SA1D-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	455.4	455.4
2.5°	599.8	609.9
5°	732.7	732.5
7.5°	774.4	770.9
10°	738.0	728.7
12.5°	790.1	762.7
15°	822.8	795.4
17.5°	956.4	914.9
20°	1110.0	1060.5
22.5°	1309.1	1233.8
25°	1461.7	1371.5
27.5°	1558.9	1505.3
30°	1679.6	1618.2
32.5°	1829.1	1783.6
35°	2018.8	1977.1
37.5°	2351.0	2337.8
40°	2552.6	2536.7
42.5°	2801.4	2801.8
45°	2953.9	2963.4
47.5°	3043.9	3067.5
50°	3115.5	3166.3
52.5°	3218.0	3287.4
55°	3371.7	3463.7
57.5°	3499.5	3577.9
60°	3499.5	3540.0
62.5°	3373.5	3372.3
65°	3157.7	3138.0
67.5°	2875.1	2850.4
70°	2528.5	2489.7
72.5°	2049.4	2001.2
75°	1489.5	1423.3
77.5°	1043.1	1011.5
80°	732.5	747.8
82.5°	470.5	492.3
85°	223.8	220.5
87.5°	26.4	21.2
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: P596554  
CATALOG NUMBER: MSA-SA1D-827-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)