



*SES America, Inc.*  
*90 Douglas Pike*  
*Smithfield, RI 02917*  
*(401) 232-3370 - tel*  
*(401) 232-7130 - fax*  
[www.sesamerica.com](http://www.sesamerica.com)

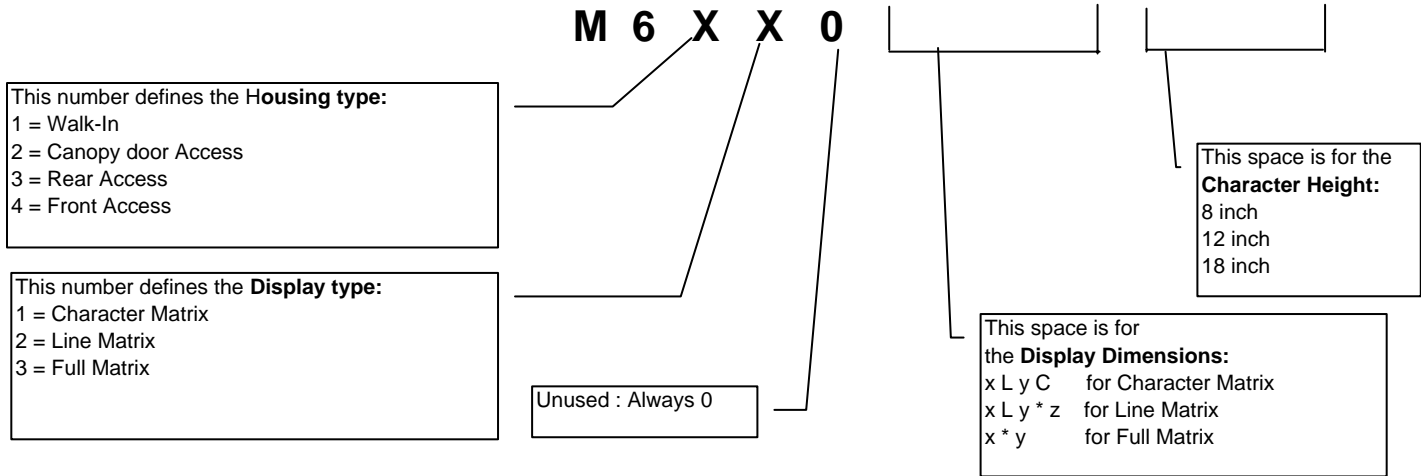
**MESSENGER 6000**  
**MODEL SPECIFICATIONS**

<b>CONTENTS</b>	<b>Page</b>
<b>- Model Identifier Guide</b>	<b>2</b>
<b>- General Notes</b>	<b>3</b>
<b>- M6000 - 8 inch Character DMS</b>	<b>4-5</b>
<b>- M6000 - 12 inch Character DMS</b>	<b>6-7</b>
<b>- M6000 - 18 inch Character DMS</b>	<b>8-11</b>



# M6000 Model Identifier guide

## General rules:



12 different combinations - Matrix Type and Housing				
	Walk-in	Canopy Door	Rear Access	Front Access
Character matrix	6110	6120	6130	6140
Line matrix	6210	6220	6230	6240
Full matrix	6310	6320	6330	6340

3 different ways of defining Display Types		
Character matrix	x L y C	x = number of lines and y = number of characters per line
Line matrix	x L y * z	x = number of lines, y = line height in pixels, z = line length in pixels
Full matrix	x * y	x = matrix height in pixels, y = matrix length in pixels

## EXAMPLES

	Matrix and Housing	Dimensions	Character Height
<b>Example 1:</b>	M 6310	28 * 125	18"
<b>Example 2:</b>	M 6220	3 L 7 x 110	12"
<b>Example 3:</b>	M 6140	3 L 15 C	8"

Example 1 is an M6000 Walk-in Full Matrix sign with a matrix of 28 pixels high and 125 pixels wide, 18 inch characters.  
 Example 2 is an M6000 Canopy Doors with 3 lines of 7 pixels high by 110 pixels wide, 12 inch characters.  
 Example 3 is an M6000 Rear Access with 3 lines of 15 Characters, 8 inch characters.



# M6000 DIMENSIONS CHART

## GENERAL NOTES

The data for the Dynamic Message Signs has been provided using the following conditions:

### 1- All distance dimensions are as follow:

#### Depth of sign:

- Front access: from the Front mask on the access door to the rear of the sign.
- Rear access: from the Front mask to the rear of the back doors
- Canopy door: from the Front mask to the rear of the mounting catwalk
- Walk-In: from the Front mask to the backwall

#### Height of sign:

- The height of all signs includes a contrast border on the top and bottom.

#### Width of sign:

-The width of all signs includes a contrast border on the right and left. The contrast border width will change if flashers are added.

-If flashers are added, they are embeded within each side contrast border. (Typical 2 flasher design).

- For 8 inch character height signs, the flasher diameter is 8 inches and the width of the sign will be 1 foot 8 inches (500 mm) more, which must be added to the value of the width in the table.
- For 12 or 18 inch character height signs, the flasher diameter is 12 inches and the width of the sign will be 2 feet 6 inches (750 mm) more which must be added to the value of the width in the table.

### 2- Mounting arrangement:

- SESA can provide vertical and horizontal I-beams, and tilting mechanisms for mounting the sign.  
If any of these are added, only the depth of the sign will change by the dimension of the item.
- SESA can provide vertical I-beams (3.15 or 3.94 inch (80 or 100 mm) at the rear of each sign.
- SESA can provide a horizontal beam (6.69 inch (120mm) high by 4.72 inch (170 mmm) depth below the sign when the sign is to be mounted on a pole.

### 3- Power consumption:

Power consumption is calculated for the maximum operating conditions below:

- 65% of the pixels ON at maximum brightness
- It is assumed that the sign contains all services and they are ON: heating system, controller, sign and controller cabinet lights ON.
- 2 flashers included
- No loads are included for the utility outlets.

As SESA constantly improves the design and options, all product measurements are subject to change without notice.

STANDARD M6000 LED DMS DIMENSIONS



**8" Character Matrix - Amber- 30 degree Cone of Vision**  
**Front Access (FA), Rear Access (RA), Canopy Door (CD), Walk-in (WI)**

8" CHARACTER MATRIX				Approximate Housing Dimensions mm (in)			Weight Kg (Lb)	MAX Power VA
Model Number	Access	Line	Character	L	H	D		
M6130-1L12C-8	RA	1	12	2610 (8' 7")	435 (1' 5")	230 (9")	51 (112)	542
M6140-1L12C-8	FA	1	12	2610 (8' 7")	435 (1' 5")	230 (9")	51 (112)	542
M6130-1L15C-8	RA	1	15	3219 (10' 7")	435 (1' 5")	230 (9")	63 (139)	707
M6140-1L15C-8	FA	1	15	3219 (10' 7")	435 (1' 5")	230 (9")	63 (139)	707
M6130-2L12C-8	RA	2	12	2610 (8' 7")	754 (2' 6")	230 (9")	89 (196)	632
M6140-2L12C-8	FA	2	12	2610 (8' 7")	754 (2' 6")	230 (9")	89 (196)	632
M6130-2L15C-8	RA	2	15	3219 (10' 7")	754 (2' 6")	230 (9")	109 (240)	752
M6140-2L15C-8	FA	2	15	3219 (10' 7")	754 (2' 6")	230 (9")	109 (240)	752
M6130-3L12C-8	RA	3	12	2610 (8' 7")	1073 (3' 6")	230 (9")	126 (278)	722
M6140-3L12C-8	FA	3	12	2610 (8' 7")	1073 (3' 6")	230 (9")	126 (278)	722
M6130-3L15C-8	RA	3	15	3220 (10' 7")	1073 (3' 6")	230 (9")	155 (342)	752
M6140-3L15C-8	FA	3	15	3220 (10' 7")	1073 (3' 6")	230 (9")	155 (342)	752
M6130-4L12C-8	RA	4	12	2610 (8' 7")	1392 (4' 7")	230 (9")	163 (359)	812
M6140-4L12C-8	FA	4	12	2610 (8' 7")	1392 (4' 7")	230 (9")	163 (359)	812
M6140-4L15C-8	RA	4	15	3219 (10' 7")	1392 (4' 7")	230 (9")	202 (445)	977
M6140-4L15C-8	FA	4	15	3219 (10' 7")	1392 (4' 7")	230 (9")	202 (445)	977

STANDARD M6000 LED DMS DIMENSIONS



**8" Full Matrix - Amber- 30 degree Cone of Vision**  
**Front Access (FA), Rear Access (RA), Canopy Door (CD), Walk-in (WI)**

8" LINE MATRIX								
Model Number	Access	Line	Pixel Layout	Approximate Housing Dimensions			Weight Kg (Lb)	MAX Power VA
				L	H	D		
M6230-1L 7X75-8	RA	1	7 X 75	2407 (7' 11")	435 (1' 5")	230 (9")	47 (104)	565
M6240-1L 7X75-8	FA	1	7 X 75	2407 (7' 11")	435 (1' 5")	230 (9")	47 (104)	565
M6230-1L 7X90-8	RA	1	7 X 90	2842 (9' 4")	435 (1' 5")	230 (9")	56 (124)	662
M6240-1L 7X90-8	FA	1	7 X 90	2842 (9' 4")	435 (1' 5")	230 (9")	56 (124)	662
M6230-2L 7X75-8	RA	2	7 X 75	2407 (7' 11")	754 (2' 6")	230 (9")	82 (181)	677
M6240-2L 7X75-8	FA	2	7 X 75	2407 (7' 11")	754 (2' 6")	230 (9")	82 (181)	677
M6230-2L 7X90-8	RA	2	7 X 90	2842 (9' 4")	754 (2' 6")	230 (9")	96 (212)	797
M6240-2L 7X90-8	FA	2	7 X 90	2842 (9' 4")	754 (2' 6")	230 (9")	96 (212)	797
M6230-3L 7X75-8	RA	3	7 X 75	2407 (7' 11")	1073 (3' 6")	230 (9")	116 (256)	790
M6240-3L 7X75-8	FA	3	7 X 75	2407 (7' 11")	1073 (3' 6")	230 (9")	116 (256)	790
M6230-3L 7X90-8	RA	3	7 X 90	2842 (9' 4")	1073 (3' 6")	230 (9")	137 (302)	932
M6240-3L 7X90-8	FA	3	7 X 90	2842 (9' 4")	1073 (3' 6")	230 (9")	137 (302)	932

8" FULL MATRIX								
Model Number	Access	Line	Pixel Layout	Approximate Housing Dimensions			Weight Kg (Lb)	MAX Power VA
				L	H	D		
M6330-21X75-8	RA		21 X 75	2407 (7' 11")	841 (2' 9")	230 (9")	91 (201)	790
M6340-21X75-8	FA		21 X 75	2407 (7' 11")	841 (2' 9")	230 (9")	91 (201)	790
M6330-21X90-8	RA		21 X 90	2842 (9' 4")	841 (2' 9")	230 (9")	108 (238)	1322
M6340-21X90-8	FA		21 X 90	2842 (9' 4")	841 (2' 9")	230 (9")	108 (238)	1322
M6330-28X75-8	RA		28 X 75	2407 (7' 11")	1044 (3' 5")	230 (9")	113 (249)	902
M6340-28X75-8	FA		28 X 75	2407 (7' 11")	1044 (3' 5")	230 (9")	113 (249)	902
M6330-28X90-8	RA		28 X 90	2842 (9' 4")	1044 (3' 5")	230 (9")	134 (295)	1067
M6340-28X90-8	FA		28 X 90	2842 (9' 4")	1044 (3' 5")	230 (9")	134 (295)	1067

STANDARD M6000 LED DMS DIMENSIONS



**12" Character Matrix - Amber- 30 degree Cone of Vision**  
**Front Access (FA), Rear Access (RA), Canopy Door (CD), Walk-in (WI)**

12" CHARACTER MATRIX				Approximate Housing Dimensions mm (in)			Weight Kg (Lb)	MAX Power VA
Model Number	Access	Line	Character	L	H	D		
M6130-1L12C-12	RA	1	12	4140 (13' 7")	690 (2' 3")	230 (9")	129 (284)	707
M6140-1L12C-12	FA	1	12	4140 (13' 7")	690 (2' 3")	230 (9")	129 (284)	707
M6130-1L15C-12	RA	1	15	5106 (16' 9")	690 (2' 3")	230 (9")	159 (351)	827
M6140-1L15C-12	FA	1	15	5106 (16' 9")	690 (2' 3")	230 (9")	159 (351)	827
M6130-1L18C-12	RA	1	18	6072 (19' 11")	690 (2' 3")	230 (9")	189 (417)	947
M6140-1L18C-12	FA	1	18	6072 (19' 11")	690 (2' 3")	230 (9")	189 (417)	947
M6130-2L12C-12	RA	2	15	4140 (13' 7")	1196 (3' 11")	230 (9")	223 (492)	1087
M6140-2L12C-12	FA	2	15	4140 (13' 7")	1196 (3' 11")	230 (9")	223 (492)	1087
M6130-2L15C-12	RA	2	15	5106 (16' 9")	1196 (3' 11")	230 (9")	275 (606)	1252
M6140-2L15C-12	FA	2	15	5106 (16' 9")	1196 (3' 11")	230 (9")	275 (606)	1252
M6130-2L18C-12	RA	2	18	6072 (19' 11")	1196 (3' 11")	230 (9")	327 (721)	1417
M6140-2L18C-12	FA	2	18	6072 (19' 11")	1196 (3' 11")	230 (9")	327 (721)	1417
M6130-3L12C-12	RA	3	12	4140 (13' 7")	1702 (5' 7")	230 (9")	317 (699)	1467
M6140-3L12C-12	FA	3	12	4140 (13' 7")	1702 (5' 7")	230 (9")	317 (699)	1467
M6130-3L15C-12	RA	3	15	5106 (16' 9")	1702 (5' 7")	230 (9")	391 (862)	1677
M6140-3L15C-12	FA	3	15	5106 (16' 9")	1702 (5' 7")	230 (9")	391 (862)	1677
M6130-3L18C-12	RA	3	18	6072 (19' 11")	1702 (5' 7")	230 (9")	465 (1025)	1987
M6140-3L18C-12	FA	3	18	6072 (19' 11")	1702 (5' 7")	230 (9")	465 (1025)	1987
M6130-4L12C-12	RA	4	12	4140 (13' 7")	2208 (7' 3")	230 (9")	411 (906)	1647
M6140-4L12C-12	FA	4	12	4140 (13' 7")	2208 (7' 3")	230 (9")	411 (906)	1647
M6130-4L15C-12	RA	4	15	5106 (16' 9")	2208 (7' 3")	230 (9")	507 (1118)	1902
M6140-4L15C-12	FA	4	15	5106 (16' 9")	2208 (7' 3")	230 (9")	507 (1118)	1902
M6130-4L18C-12	RA	4	18	6072 (19' 11")	2208 (7' 3")	230 (9")	603 (1329)	2257
M6140-4L18C-12	FA	4	18	6072 (19' 11")	2208 (7' 3")	230 (9")	603 (1329)	2257

STANDARD M6000 LED DMS DIMENSIONS



**12" Line Matrix - Amber- 30 degree Cone of Vision**  
**Front Access (FA), Rear Access (RA), Canopy Door (CD), Walk-in (WI)**

12" LINE MATRIX								
Model Number	Access	Line	Pixel Layout	Approximate Housing Dimensions mm (in)			Weight Kg (Lb)	MAX Power VA
				L	H	D		
M6230-1L 7X75-12	RA	1	7 X 75	3818 (12' 6")	690 (2' 3")	230 (9")	119 (262)	677
M6240-1L 7X75-12	FA	1	7 X 75	3818 (12' 6")	690 (2' 3")	230 (9")	119 (262)	677
M6230-1L 7X90-12	RA	1	7 X 90	4508 (14' 9")	690 (2' 3")	230 (9")	140 (309)	897
M6240-1L 7X90-12	FA	1	7 X 90	4508 (14' 9")	690 (2' 3")	230 (9")	140 (309)	897
M6230-1L 7X110-12	RA	1	7 X 110	5428 (17' 10")	690 (2' 3")	230 (9")	169 (373)	1032
M6240-1L 7X110-12	FA	1	7 X 110	5428 (17' 10")	690 (2' 3")	230 (9")	169 (373)	1032
M6230-2L 7X75-12	RA	2	7 X 75	3818 (12' 6")	1196 (3' 11")	230 (9")	205 (452)	1102
M6240-2L 7X75-12	FA	2	7 X 75	3818 (12' 6")	1196 (3' 11")	230 (9")	205 (452)	1102
M6230-2L 7X90-12	RA	2	7 X 90	4508 (14' 9")	1196 (3' 11")	230 (9")	243 (536)	1267
M6230-2L 7X90-12	FA	2	7 X 90	4508 (14' 9")	1196 (3' 11")	230 (9")	243 (536)	1267
M6230-2L 7X110-12	RA	2	7 X 110	5428 (17' 10")	1196 (3' 11")	230 (9")	292 (644)	1562
M6240-2L 7X110-12	FA	2	7 X 110	5428 (17' 10")	1196 (3' 11")	230 (9")	292 (644)	1562
M6230-3L 7X75-12	RA	3	7 X 75	3818 (12' 6")	1702 (5' 7")	230 (9")	292 (644)	1327
M6240-3L 7X75-12	FA	3	7 X 75	3818 (12' 6")	1702 (5' 7")	230 (9")	292 (644)	1327
M6230-3L 7X90-12	RA	3	7 X 90	4508 (14' 9")	1702 (5' 7")	230 (9")	345 (761)	1617
M6230-3L 7X90-12	FA	3	7 X 90	4508 (14' 9")	1702 (5' 7")	230 (9")	345 (761)	1617
M6230-3L 7X110-12	RA	3	7 X 110	5428 (17' 10")	1702 (5' 7")	230 (9")	416 (917)	1892
M6240-3L 7X110-12	FA	3	7 X 110	5428 (17' 10")	1702 (5' 7")	230 (9")	416 (917)	1892

12" FULL MATRIX								
Model Number	Access	Line	Pixel Layout	Approximate Housing Dimensions mm (in)			Weight Kg (Lb)	Power VA
				L	H	D		
M6330-21X75-12	RA		21 X 75	3818 (12' 6")	1334 (4' 4")	230 (9")	229 (505)	1327
M6340-21X75-12	FA		21 X 75	3818 (12' 6")	1334 (4' 4")	230 (9")	229 (505)	1327
M6330-21X90-12	RA		21 X 90	4508 (14' 9")	1334 (4' 4")	230 (9")	271 (598)	1537
M6340-21X90-12	FA		21 X 90	4508 (14' 9")	1334 (4' 4")	230 (9")	271 (598)	1537
M6330-21X110-12	RA		21 X 110	5428 (17' 10")	1334 (4' 4")	230 (9")	326 (719)	1892
M6340-21X110-12	FA		21 X 110	5428 (17' 10")	1334 (4' 4")	230 (9")	326 (719)	1892
M6330-28X75-12	RA		28 X 75	3818 (12' 6")	1656 (5' 5")	230 (9")	285 (628)	1552
M6340-28X75-12	FA		28 X 75	3818 (12' 6")	1656 (5' 5")	230 (9")	285 (628)	1552
M6330-28X90-12	RA		28 X 90	4508 (14' 9")	1656 (5' 5")	230 (9")	336 (741)	1807
M6340-28X90-12	FA		28 X 90	4508 (14' 9")	1656 (5' 5")	230 (9")	336 (741)	1807
M6330-28X110-12	RA		28 X 110	5428 (17' 10")	1656 (5' 5")	230 (9")	404 (891)	2222
M6340-28X110-12	FA		28 X 110	5428 (17' 10")	1656 (5' 5")	230 (9")	404 (891)	2222

STANDARD M6000 LED DMS DIMENSIONS



18" Character Matrix - Amber- 30 degree Cone of Vision  
 Front Access (FA), Rear Access (RA), Canopy Door (CD), Walk-in (WI)

18" CHARACTER MATRIX								
Model Number	Access	Line	Character	Approximate Housing Dimensions mm (in)			Weight Kg (Lb)	MAX Power VA
				L	H	D		
M6130-1L12C-18	RA	1	12	5965 (19' 7")	1067 (3' 6")	230 (9")	286 (630)	1082
M6140-1L12C-18	FA	1	12	5965 (19' 7")	1067 (3' 6")	230 (9")	286 (630)	1082
M6130-1L15C-18	RA	1	15	7336 (24')	1067 (3' 6")	230 (9")	352 (776)	1258
M6140-1L15C-18	FA	1	15	7336 (24')	1067 (3' 6")	230 (9")	352 (776)	1258
M6130-1L18C-18	RA	1	18	8707 (28' 7")	1067 (3' 6")	230 (9")	418 (922)	1435
M6140-1L18C-18	FA	1	18	8707 (28' 7")	1067 (3' 6")	230 (9")	418 (922)	1435
M6130-1L21C-18	RA	1	21	10078 (33' 1")	1067 (3' 6")	230 (9")	484 (1067)	1611
M6140-1L21C-18	FA	1	21	10078 (33' 1")	1067 (3' 6")	230 (9")	484 (1067)	1611
M6130-2L12C-18	RA	2	12	5965 (19' 7")	1753 (5' 9")	230 (9")	470 (1036)	1887
M6140-2L12C-18	FA	2	12	5965 (19' 7")	1753 (5' 9")	230 (9")	470 (1036)	1887
M6130-2L15C-18	RA	2	15	7336 (24')	1753 (5' 9")	230 (9")	579 (1276)	2165
M6140-2L15C-18	FA	2	15	7336 (24')	1753 (5' 9")	230 (9")	579 (1276)	2165
M6130-2L18C-18	RA	2	18	8707 (28' 7")	1753 (5' 9")	230 (9")	687 (1515)	2542
M6140-2L18C-18	FA	2	18	8707 (28' 7")	1753 (5' 9")	230 (9")	687 (1515)	2542
M6130-2L21C-18	RA	2	21	10078 (33' 1")	1753 (5' 9")	230 (9")	795 (1753)	2920
M6140-2L21C-18	FA	2	21	10078 (33' 1")	1753 (5' 9")	230 (9")	795 (1753)	2920
M6110-3L12C-18	WI	3	12	5965 (19' 7")	2438 (8')	950 (3' 1")	959 (2114)	2467
M6120-3L12C-18	CD	3	12	5965 (19' 7")	2438 (8')	950 (3' 1")	873 (1925)	2467
M6130-3L12C-18	RA	3	12	5965 (19' 7")	2438 (8')	230 (9")	654 (1442)	2467
M6140-3L12C-18	FA	3	12	5965 (19' 7")	2438 (8')	230 (9")	654 (1442)	2467
M6110-3L15C-18	WI	3	15	7336 (24')	2438 (8')	950 (3' 1")	1185 (2612)	2846
M6120-3L15C-18	CD	3	15	7336 (24')	2438 (8')	950 (3' 1")	1072 (2363)	2846
M6130-3L15C-18	RA	3	15	7336 (24')	2438 (8')	230 (9")	805 (1775)	2846
M6140-3L15C-18	FA	3	15	7336 (24')	2438 (8')	230 (9")	805 (1775)	2846

STANDARD M6000 LED DMS DIMENSIONS



**18" Character Matrix - Amber- 30 degree Cone of Vision**  
**Front Access (FA), Rear Access (RA), Canopy Door (CD), Walk-in (WI)**

18" CHARACTER MATRIX (Cont...)								
Model Number	Access	Line	Character	Approximate Housing Dimensions			Weight Kg (Lb)	MAX Power VA
				L	H	D		
M6110-3L18C-18	WI	3	18	8707 (28' 7")	2438 (8')	950 (3'1")	1397 (3080)	3325
M6120-3L18C-18	CD	3	18	8707 (28' 7")	2438 (8')	950 (3'1")	1262 (2782)	3325
M6130-3L18C-18	RA	3	18	8707 (28' 7")	2438 (8')	230 (9")	955 (2105)	3325
M6140-3L18C-18	FA	3	18	8707 (28' 7")	2438 (8')	230 (9")	955 (2105)	3325
M6110-3L21C-18	WI	3	21	10078 (33' 1")	2438 (8')	950 (3'1")	1610 (3549)	3803
M6120-3L21C-18	CD	3	21	10078 (33' 1")	2438 (8')	950 (3'1")	1454 (3206)	3803
M6130-3L21C-18	RA	3	21	10078 (33' 1")	2438 (8')	230 (9")	1106 (2438)	3803
M6140-3L21C-18	FA	3	21	10078 (33' 1")	2438 (8')	230 (9")	1106 (2438)	3803
M6110-4L12C-18	WI	4	12	5965 (19' 7")	3124 (10"3")	950 (3'1")	1230 (2712)	2872
M6120-4L12C-18	CD	4	12	5965 (19' 7")	3124 (10"3")	950 (3'1")	1118 (2465)	2872
M6130-4L12C-18	RA	4	12	5965 (19' 7")	3124 (10"3")	230 (9")	839 (1850)	2872
M6140-4L12C-18	FA	4	12	5965 (19' 7")	3124 (10"3")	230 (9")	839 (1850)	2872
M6110-4L15C-18	WI	4	15	7336 (24')	3124 (10"3")	950 (3'1")	1512 (3333)	3352
M6120-4L15C-18	CD	4	15	7336 (24')	3124 (10"3")	950 (3'1")	1375 (3031)	3352
M6130-4L15C-18	RA	4	15	7336 (24')	3124 (10"3")	230 (9")	1031 (2273)	3352
M6140-4L15C-18	FA	4	15	7336 (24')	3124 (10"3")	230 (9")	1031 (2273)	3352
M6110-4L18C-18	WI	4	18	8707 (28' 7")	3124 (10"3")	950 (3'1")	1795 (3957)	3932
M6120-4L18C-18	CD	4	18	8707 (28' 7")	3124 (10"3")	950 (3'1")	1632 (3598)	3932
M6130-4L18C-18	RA	4	18	8707 (28' 7")	3124 (10"3")	230 (9")	1224 (2698)	3932
M6140-4L18C-18	FA	4	18	8707 (28' 7")	3124 (10"3")	230 (9")	1224 (2698)	3932
M6110-4L21C-18	WI	4	21	10078 (33' 1")	3124 (10"3")	950 (3'1")	2078 (4581)	4422
M6120-4L21C-18	CD	4	21	10078 (33' 1")	3124 (10"3")	950 (3'1")	1889 (4165)	4422
M6130-4L21C-18	RA	4	21	10078 (33' 1")	3124 (10"3")	230 (9")	1416 (3122)	4422
M6140-4L21C-18	FA	4	21	10078 (33' 1")	3124 (10"3")	230 (9")	1416 (3122)	4422

STANDARD M6000 LED DMS DIMENSIONS



**18" Line Matrix - Amber- 30 degree Cone of Vision**  
**Front Access (FA), Rear Access (RA), Canopy Door (CD), Walk-in (WI)**

18" LINE MATRIX								
Model Number	Access	Line	Pixel Layout	Approximate Housing Dimensions mm (in)			Weight Kg (Lb)	MAX Power VA
				L	H	D		
M6230-1L 7X75-18	RA	1	7 X 75	5507 (18' 1")	1067 (3' 6")	230 (9")	264 (582)	1383
M6240-1L 7X75-18	FA	1	7 X 75	5507 (18' 1")	1067 (3' 6")	230 (9")	264 (582)	1383
M6230-1L 7X90-18	RA	1	7 X 90	6487 (21' 3")	1067 (3' 6")	230 (9")	311 (686)	1485
M6240-1L 7X90-18	FA	1	7 X 90	6487 (21' 3")	1067 (3' 6")	230 (9")	311 (686)	1485
M6230-1L 7X110-18	RA	1	7 X 110	7793 (25' 7")	1067 (3' 6")	230 (9")	374 (825)	1795
M6240-1L 7X110-18	FA	1	7 X 110	7793 (25' 7")	1067 (3' 6")	230 (9")	374 (825)	1795
M6230-1L 7X125-18	RA	1	7 X 125	8773 (28' 9")	1067 (3' 6")	230 (9")	421 (928)	2071
M6240-1L 7X125-18	FA	1	7 X 125	8773 (28' 9")	1067 (3' 6")	230 (9")	421 (928)	2071
M6230-2L 7X75-18	RA	2	7 X 75	5507 (18' 1")	1753 (5' 9")	230 (9")	434 (957)	1990
M6240-2L 7X75-18	FA	2	7 X 75	5507 (18' 1")	1753 (5' 9")	230 (9")	434 (957)	1990
M6230-2L 7X90-18	RA	2	7 X 90	6487 (21' 3")	1753 (5' 9")	230 (9")	512 (1129)	2292
M6230-2L 7X90-18	FA	2	7 X 90	6487 (21' 3")	1753 (5' 9")	230 (9")	512 (1129)	2292
M6230-2L 7X110-18	RA	2	7 X 110	7793 (307)	1753 (5' 9")	230 (9")	615 (1356)	2737
M6240-2L 7X110-18	FA	2	7 X 110	7793 (307)	1753 (5' 9")	230 (9")	615 (1356)	2737
M6230-2L 7X125-18	RA	2	7 X 125	8773 (28' 9")	1753 (5' 9")	230 (9")	692 (1526)	3115
M6240-2L 7X125-18	FA	2	7 X 125	8773 (28' 9")	1753 (5' 9")	230 (9")	692 (1526)	3115
M6210-3L 7X75-18	WI	3	7 X 75	5507 (18' 1")	2438 (8')	950 (3' 1")	902 (1989)	2571
M6220-3L 7X75-18	CD	3	7 X 75	5507 (18' 1")	2438 (8')	950 (3' 1")	817 (1801)	2571
M6230-3L 7X75-18	RA	3	7 X 75	5507 (18' 1")	2438 (8')	230 (9")	604 (1332)	2571
M6240-3L 7X75-18	FA	3	7 X 75	5507 (18' 1")	2438 (8')	230 (9")	604 (1332)	2571
M6210-3L 7X90-18	WI	3	7 X 90	6487 (21' 3")	2438 (8')	950 (3' 1")	1053 (2321)	3075
M6220-3L 7X90-18	CD	3	7 X 90	6487 (21' 3")	2438 (8')	950 (3' 1")	953 (2101)	3075
M6230-3L 7X90-18	RA	3	7 X 90	6487 (21' 3")	2438 (8')	230 (9")	712 (1570)	3075
M6230-3L 7X90-18	FA	3	7 X 90	6487 (21' 3")	2438 (8')	230 (9")	712 (1570)	3075
M6210-3L 7X110-18	WI	3	7 X 110	7793 (25' 7")	2438 (8')	950 (3' 1")	1256 (2769)	3655
M6220-3L 7X110-18	CD	3	7 X 110	7793 (25' 7")	2438 (8')	950 (3' 1")	1135 (2502)	3655
M6230-3L 7X110-18	RA	3	7 X 110	7793 (25' 7")	2438 (8')	230 (9")	855 (1885)	3655
M6240-3L 7X110-18	FA	3	7 X 110	7793 (25' 7")	2438 (8')	230 (9")	855 (1885)	3655
M6210-3L 7X125-18	WI	3	7 X 125	8773 (28' 9")	2438 (8')	950 (3' 1")	1407 (3102)	4133
M6220-3L 7X125-18	CD	3	7 X 125	8773 (28' 9")	2438 (8')	950 (3' 1")	1271 (2802)	4133
M6230-3L 7X125-18	RA	3	7 X 125	8773 (28' 9")	2438 (8')	230 (9")	962 (2121)	4133
M6240-3L 7X125-18	FA	3	7 X 125	8773 (28' 9")	2438 (8')	230 (9")	962 (2121)	4133

STANDARD M6000 LED DMS DIMENSIONS



**18" Full Matrix - Amber- 30 degree Cone of Vision**  
**Front Access (FA), Rear Access (RA), Canopy Door (CD), Walk-in (WI)**

18" FULL MATRIX								
Model Number	Access	Pixel Layout	Approximate Housing Dimensions mm (in)			Weight Kg (Lb)	MAX Power VA	
			L	H	D			
M6330-21X75-18	RA	21 X 75	5507 (18' 1")	1980 (6' 6")	230 (9")	491 (1082)	2496	
M6340-21X75-18	FA	21 X 75	5507 (18' 1")	1980 (6' 6")	230 (9")	491 (1082)	2496	
M6330-21X90-18	RA	21 X 90	6486 (21' 3")	1980 (6' 6")	230 (9")	578 (1274)	2900	
M6340-21X90-18	FA	21 X 90	6486 (21' 3")	1980 (6' 6")	230 (9")	578 (1274)	2900	
M6330-21X110-18	RA	21 X 110	7793 (25' 7")	1980 (6' 6")	230 (9")	694 (1530)	3480	
M6340-21X110-18	FA	21 X 110	7793 (25' 7")	1980 (6' 6")	230 (9")	694 (1530)	3480	
M6330-21X125-18	RA	21 X 125	8773 (28' 9")	1980 (6' 6")	230 (9")	782 (1724)	3958	
M6340-21X125-18	FA	21 X 125	8773 (28' 9")	1980 (6' 6")	230 (9")	782 (1724)	3958	
M6310-28X75-18	WI	28 X 75	5507 (18' 1")	2438 (8')	950 (3'1")	902 (1989)	3177	
M6320-28X75-18	CD	28 X 75	5507 (18' 1")	2438 (8')	950 (3'1")	817 (1801)	3177	
M6330-28X75-18	RA	28 X 75	5507 (18' 1")	2438 (8')	230 (9")	604 (1332)	3177	
M6340-28X75-18	FA	28 X 75	5507 (18' 1")	2438 (8')	230 (9")	604 (1332)	3177	
M6310-28X90-18	WI	28 X 90	6486 (21' 3")	2438 (8')	950 (3'1")	1003 (2211)	3682	
M6320-28X90-18	CD	28 X 90	6486 (21' 3")	2438 (8')	950 (3'1")	903 (1991)	3682	
M6330-28X90-18	RA	28 X 90	6486 (21' 3")	2438 (8')	230 (9")	712 (1570)	3682	
M6340-28X90-18	FA	28 X 90	6486 (21' 3")	2438 (8')	230 (9")	712 (1570)	3682	
M6310-28X110-18	WI	28 X 110	7792 (25' 7")	2438 (8')	950 (3'1")	1256 (2769)	4397	
M6320-28X110-18	CD	28 X 110	7792 (25' 7")	2438 (8')	950 (3'1")	1135 (2502)	4397	
M6330-28X110-18	RA	28 X 110	7792 (25' 7")	2438 (8')	230 (9")	855 (1885)	4397	
M6340-28X110-18	FA	28 X 110	7792 (25' 7")	2438 (8')	230 (9")	855 (1885)	4397	
M6310-28X125-18	WI	28 X 125	8773 (28' 9")	2438 (8')	950 (3'1")	1407 (3102)	4977	
M6320-28X125-18	CD	28 X 125	8773 (28' 9")	2438 (8')	950 (3'1")	1271 (2802)	4977	
M6330-28X125-18	RA	28 X 125	8773 (28' 9")	2438 (8')	230 (9")	962 (2121)	4977	
M6340-28X125-18	FA	28 X 125	8773 (28' 9")	2438 (8')	230 (9")	962 (2121)	4977	



SES America, Inc.  
90 Douglas Pike  
Smithfield, RI 02917  
USA

Telephone (800) 252-6220  
(401) 232-3370  
Fax (401) 232-7130

[sales@sesamerica.com](mailto:sales@sesamerica.com)

[www.sesamerica.com](http://www.sesamerica.com)