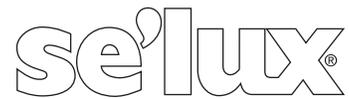


# M100 Super Recessed Linear Fluorescent Flanged Extrusion



**Project:** \_\_\_\_\_ **Type:** \_\_\_\_\_ **Qty:** \_\_\_\_\_

Fixture Series	Lamp Type	Upper Shielding	Lower Shielding	Mounting	Nominal Length	Finish	Voltage
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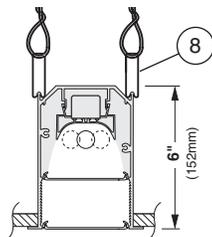
**Options** (refer to separate data sheets for ordering codes and details)

Fixture Series	Lamp Type	Upper / Lower Shielding	Mounting	Nominal Length	Finish	Voltage	Options
<b>M1B1</b> M100 Super Recessed Continuous Flange (Flanged Extrusion/ Flanged Endcaps)	<b>1T5</b> F28T5	<b>SA</b> Specular Parabolic	<b>SH</b> Suspension Clips	<b>004</b> 4 foot	<b>WH</b> White	<b>120</b>	<b>TB</b> Lengths to Fit 2' Grid T-Bar Ceiling System <sup>1</sup> <b>(qty)EM</b> Stand-by Battery Pack <sup>2</sup> (prefix quantity, i.e. - <b>5EM</b> ) <b>FS</b> Single Fusing <b>DM</b> Dimming <sup>2</sup> (specify system) <b>DMA</b> Digital Addressable Dimming <sup>2</sup> <b>SI</b> Satine Acrylic Inlay <sup>4</sup> <b>FW</b> Flex Whip (standard) <b>FW1</b> Flex Whip (dimming) <b>Track</b> Eutrac Standard <sup>3</sup> <b>DL</b> Suitable for Damp Locations <b>CCEA</b> Chicago Plenum <b>Downlights</b> (See MR16 spec sheets, pp.98-99)
	<b>2T5</b> (2x)F28/T5	<b>MA</b> Matte Parabolic	<b>TS</b> 1" Studs (factory installed)	<b>008</b> 8 foot	<b>BK</b> Black	<b>277</b>	
	<b>1T5HO</b> F54T5HO	<b>MP</b> Silky Specular Parabolic	<b>RC</b> Rotating Crossbars	<b>012</b> 12 foot	<b>SV</b> Silver	<b>347</b>	
<b>M1B2</b> M100 Super Recessed Flush End (Flanged Extrusion/ Flangeless Endcaps)	<b>1T8</b> F032/T8	<b>PL</b> Matte Perforated Parabolic	<b>PM</b> Perimeter Mount	For actual lengths see following page. For other lengths, configura- tions indicate nominal length rounded to the next highest foot. Factory will supply layout draw- ings. Individual fixtures cannot be field joined.			
		<b>SD</b> Satine Lens			<b>SP</b> Specify RAL#		
		<b>OD</b> Extra Diffuse Lens					
		<b>X</b> None					

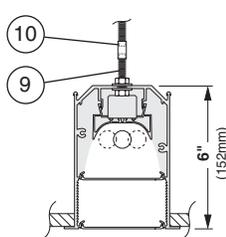
<sup>1</sup>M1B1 w/ T5 & T5HO lamps only, consult factory for other lamps. <sup>2</sup>Must be low profile ballasts (1 1/2" W x 1 3/16" H); consult factory for details. <sup>3</sup>Consult factory for details. <sup>4</sup>SA, MA, MP & PL shieldings only.

## Mounting Diagrams

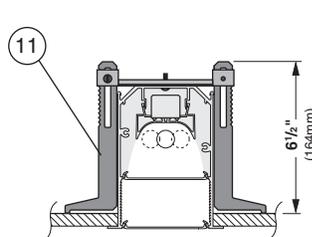
**Suspension Clips (SH)**



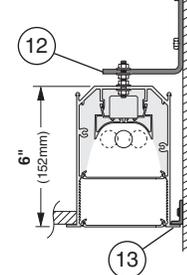
**Pre-installed Rod (TS)**



**Rotating Crossbars (RC)**

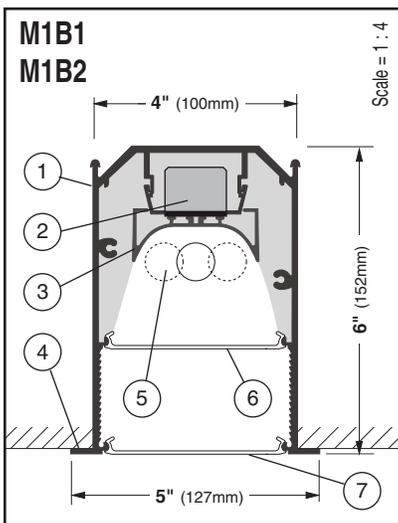
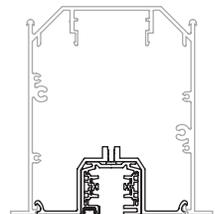


**Perimeter Mount (PM)**



## Track

Track insert including track available for all configurations, consult factory for details.



**1. Housing** - Continuous, 6063-T5 extruded aluminum profile up to 16 feet long. Joined with Connector Plus Joining System for ease of installation and to assure a uniform appearance.

**2. Ballast** - Electronic, high power factor, class "P", type "A" sound rating. Specify 120v, 277v, or 347v. Ballast is factory pre-wired with leads to one end of fixture. Consult factory for ballast options.

**3. Gear Tray** - Extruded aluminum, with white painted finish. Gear tray installed as a complete electrical unit and is held in place with knurled dress nuts. It is fully accessible from below ceiling.

**4. Flange** - 1/2" (12mm) wide flange runs full lengths of both sides and is part of the main extruded body. Specify continuous flange (M1B1) or flush end (M1B2).

**5. Lamps** - As noted (by others). Other lamp lengths or wattages available, consult factory.

**6. Upper Shielding** - Louvers offer excellent glare control in longitudinal, lateral, and all diagonal planes. High quality aluminum louvers and acrylic shielding allow true freedom of layout for today's modern spaces.

**7. Lower Shielding** - Same options as Upper Shielding #6.

**8. Spring Steel Suspension Clips** - Supplied two places, located nominally every 4 ft. Support wires supplied and installed by others.

**9. Pre-installed 1" 1/4-20 Stud** - Attached to fixture every nominal 4 feet.

**10. Coupling and Threaded Rod to Structure** - Supplied and installed by others.

**11. Rotating Crossbar** - For inaccessible ceilings, adjustable for ceiling thicknesses from 1/4" to 2". Support required nominally every 4 feet.

**12. Steel Wall Bracket and 1/4-20 Rod** - Supplied nominally every 4 ft. (Fasteners to wall and wall anchors by others)

**13. Aluminum wallbracket** - Secured to wall (fasteners and wall anchors by others) and runs entire length of fixture. Also supplied for width of fixtures when supplied with continuous flange. Allows for 1/8" gap between flange and wall to create shadow line allowing for unevenness of wall.

**Interior Luminaire Finish** - Standard interior colors are White (WH), Black (BK) and Silver (SV). RAL colors (SP) are available, please specify RAL#.

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M1B1-01 (v5.0)



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In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.com/usa are the most recent versions and supercede all other printed or electronic versions.

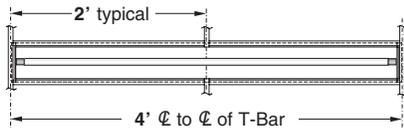
## M1B1 and M1B2 Layout Dimensions

Specify T5 lamps when using in grid ceiling systems where 24" or 48" light openings are required.

M1B1 Recessed - nominal 4 foot individual



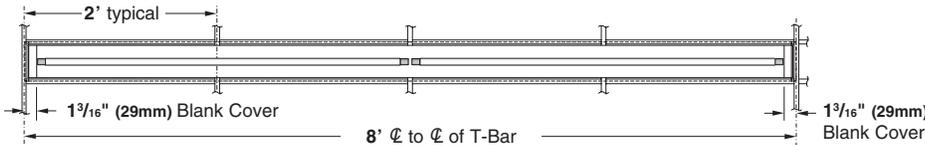
M1B1 Recessed - T-Bar Length - nominal 4 foot individual



M1B1 Recessed - nominal 8 foot individual



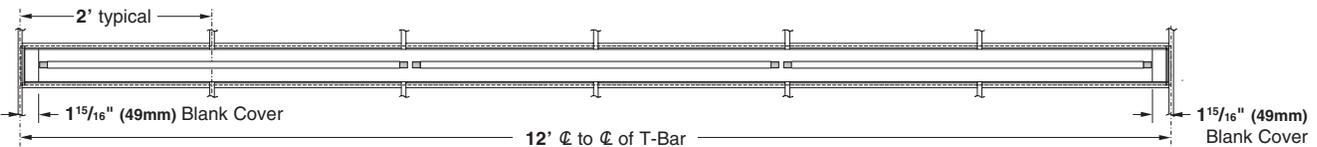
M1B1 Recessed - T-Bar Length - nominal 8 foot individual



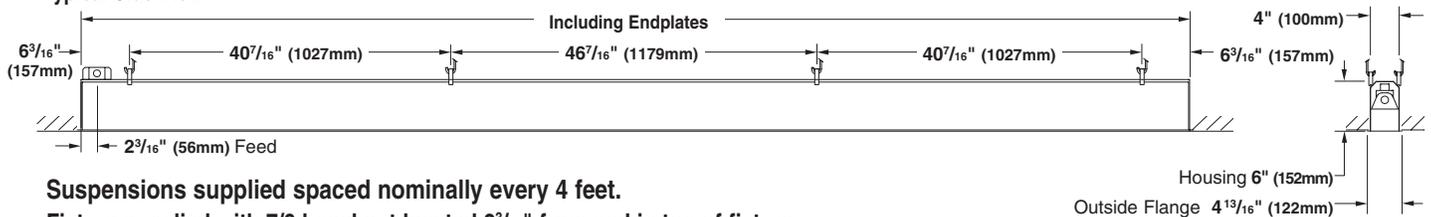
M1B1 Recessed - nominal 12 foot individual



M1B1 Recessed - T-Bar Length - nominal 12 foot individual



Typical Side View



Suspensions supplied spaced nominally every 4 feet.  
Fixture supplied with 7/8 knockout located 2<sup>3</sup>/<sub>16</sub>" from end in top of fixture.

	T5 (1 or 2 lamp)				T8 (1 lamp)	
	M1B1/M1B2 Including Endplates	M1B1 Outside Flange	M1B1/M1B2 - TB Including Endplates	M1B1 - TB Outside Flange	M1B1/M1B2 Including Endplates	M1B1 Outside Flange
<b>4 foot individual</b>	46.81" (1186mm)	47.58" (1209mm)	47.03" (1195mm)	47.91" (1216mm)	48.33" (1228mm)	49.20" (1250mm)
<b>8 foot individual</b>	93.21" (2365mm)	94.00" (2388mm)	95.03" (2414mm)	95.91" (2436mm)	96.37" (2448mm)	97.24" (2470mm)
<b>12 foot individual</b>	139.65" (3544mm)	140.41" (3567mm)	143.03" (3633mm)	143.91" (3655mm)	144.41" (3668mm)	145.28" (3690mm)

For other lengths, lamping, continuous runs or configurations please specify overall length (in feet), accessories desired and sketch/drawing of configuration. SELUX will detail project drawings upon order and supply submittal drawings for approval. Individual fixtures cannot be field joined. If you have any questions please contact SELUX customer service or applications engineering for assistance (1-800-SELUX-CS).