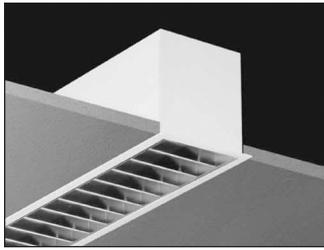


# M100 Recessed Linear Fluorescent Flanged Extrusion



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

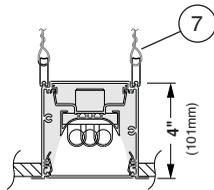
Series	Lamping	Shielding	Mounting	Nominal Length	Finish	Voltage	Option
Option	Option	Option	Option	Option	Option	Option	Option

Series	Lamping	Shielding	Mounting	Nominal Length	Finish	Voltage	Options
<b>M1R1</b> M100 Recessed Continuous Flange (Flanged Extrusion/ Flanged Endcaps)	<b>1T5</b> F28T5 <b>2T5</b> (2x)F28T5 <b>1T5HO</b> F54T5HO <b>1T8</b> F32T8	<b>SD</b> Satine Lens <b>OD</b> Extra Diffuse Lens <b>X</b> None	<b>SH</b> Suspension Clips <b>TS</b> 1" Studs (factory installed) <b>RC</b> Rotating Crossbars <b>PM</b> Perimeter Mount	<b>004</b> 4 foot <b>008</b> 8 foot <b>012</b> 12 foot  For actual lengths see following page. For other lengths, configurations indicate nominal length rounded to the next highest foot. Factory will supply layout drawings. Individual fixtures cannot be field joined.	<b>WH</b> White <b>BK</b> Black <b>SV</b> Silver <b>SP</b> Specify Premium Color	<b>120</b> <b>277</b> <b>347</b>	<b>TB</b> Lengths to Fit 2' Grid, T-Bar Ceiling System <sup>1</sup> <b>(qty)EMN</b> Stand-by Battery Pack <sup>2</sup> (prefix quantity, i.e. -5EMN) <b>FS</b> Single Fusing <b>DM</b> Dimming <sup>1</sup> (specify system) <b>DMA</b> Digital Addressable Dimming <sup>1</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>

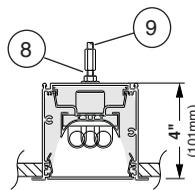
<sup>1</sup>T5 & T5HO lamps only, consult factory for other lamps. <sup>2</sup>Must be low profile ballasts (1 1/2" W x 1 3/8" H); consult factory for details. <sup>3</sup>Consult factory for details.

## Mounting Diagrams

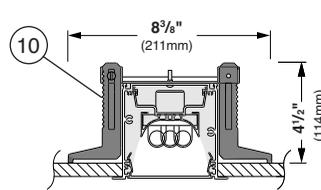
Suspension Clips (SH)



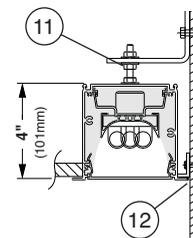
Pre-installed Rod (TS)



Rotating Crossbars (RC)



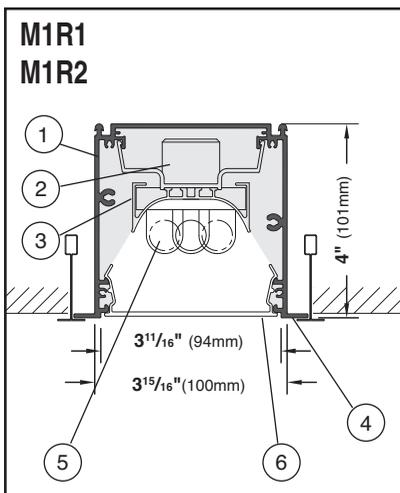
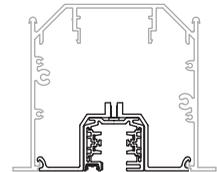
Perimeter Mount (PM)



Scale = 1 : 8

## 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 (M1R1) or flush end (M1R2).

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

**6. Shielding** - Extruded, impact resistant acrylic snap in lens: Extra diffuse (OD) or satine (SD).

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

**8. Pre-installed 1" 1/4-20 Studs** - Attached to fixture 6" (152mm) from each end of fixture housing.

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

**10. Rotating Crossbar** - For inaccessible ceilings, adjustable for ceiling thicknesses from 1/4" to 2". Supplied, (2) per fixture, locate 6" (152mm) from each end of fixture.

**11. Steel Wall Bracket and 1/4-20 Rod** - Supplied, (2) per fixture, rods are attached to fixture 6" (152mm) from each end of fixture housing. (Fasteners to wall and wall anchors by others.)

**12. 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 -

Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated, and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard interior colors are White (WH), Black (BK), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

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www.selux.us  
M1R1-0118-01 (v6.1)



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.us are the most recent versions and supercede all other printed or electronic versions.

# M100 Recessed Linear Fluorescent Flanged Extrusion



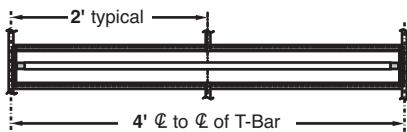
## M1R1 and M1R2 Layout Dimensions

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

M1R1 Recessed - nominal 4 foot individual



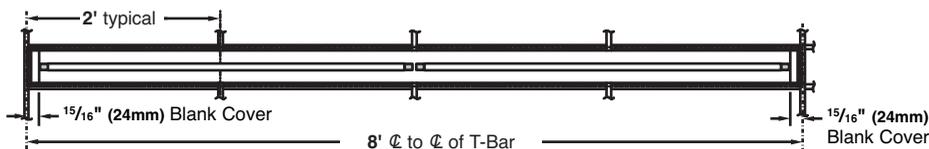
M1R1 Recessed - T-Bar Length - nominal 4 foot individual



M1R1 Recessed - nominal 8 foot individual



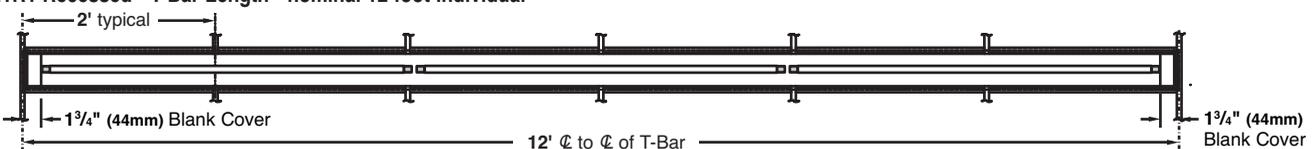
M1R1 Recessed - T-Bar Length - nominal 8 foot individual



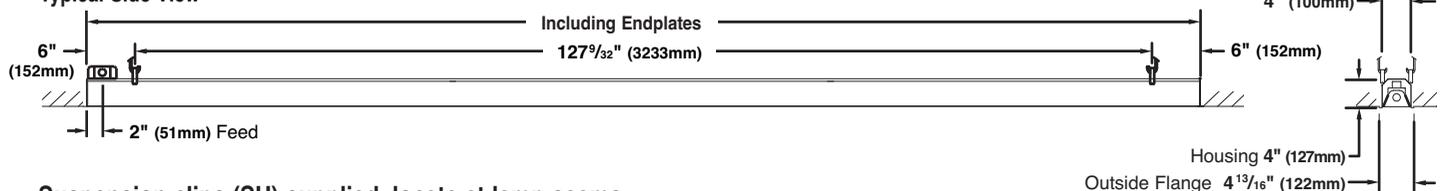
M1R1 Recessed - nominal 12 foot individual



M1R1 Recessed - T-Bar Length - nominal 12 foot individual



Typical Side View



Suspension clips (SH) supplied, locate at lamp seams.

Fixture supplied with 7/8 drilled hole located 2" from end in top of fixture.

Continuous Flange (M1R1)



Flush End (M1R2)



	T5 (1 or 2 lamp)				T8 (1 lamp)	
	M1R1/M1R2 Including Endplates	M1R1 Outside Flange	M1R1/M1R2 - TB Including Endplates	M1R1 - TB Outside Flange	M1R1/M1R2 Including Endplates	M1R1 Outside Flange
<b>4 foot individual</b>	46.78" (1188mm)	47.58" (1209mm)	47.03" (1195mm)	47.91" (1217mm)	48.33" (1228mm)	49.20" (1250mm)
<b>8 foot individual</b>	93.19" (2367mm)	94.00" (2388mm)	95.03" (2414mm)	95.91" (2436mm)	96.37" (2448mm)	97.24" (2470mm)
<b>12 foot individual</b>	139.59" (3546mm)	140.41" (3568mm)	143.03" (3633mm)	143.91" (3655mm)	144.41" (3668mm)	145.28" (3690mm)

For other lengths, lampping, 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).