

# M100 Recessed Linear Fluorescent Flanged Extrusion - STAGGERED LAMPS



# selux



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

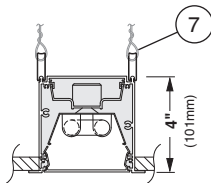
Fixture Series	Lamp Type	Shielding	Mounting	Nominal Length	Finish	Voltage
_____	_____	_____	_____	_____	_____	_____

### Options

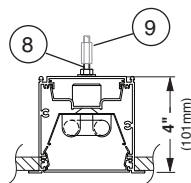
Fixture Series	Lamp Type	Shielding	Mounting	Nominal Length	Finish	Voltage	Options
<b>M1R1S</b> M100 Recessed Continuous Flange (Flanged Extrusion/Flanged Endcaps) Staggered Lamps	<b>1T5</b> F28/T5 <b>1T5HO</b> F54T5HO  <b>2T5</b> (2x)F28/T5 	<b>SD</b> Satine Lens <b>OD</b> Extra Diffuse Lens	<b>SH</b> Suspension Clips <b>TS</b> 1" Studs (factory installed) <b>RC</b> Rotating Crossbars <b>PM</b> Perimeter Mount	<b>008</b> 8 foot <b>012</b> 12 foot <small>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.</small>	<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)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>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> Available with M1R1S only. <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.							

### Mounting Diagrams

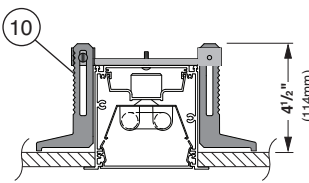
#### Suspension Clips (SH)



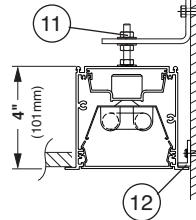
#### Pre-installed Rod (TS)



#### Rotating Crossbars (RC)



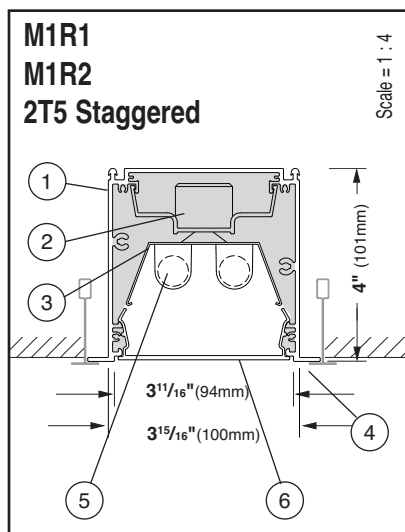
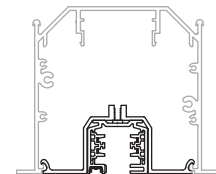
#### Perimeter Mount (PM)



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** - Die formed gear tray with integral factory preset sliding covers to fill extrusion with light, with a matt white finish for even illumination. Geartray installs as 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 (M1R1S) or flangeless endcaps (M1R2S).

**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** - 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.

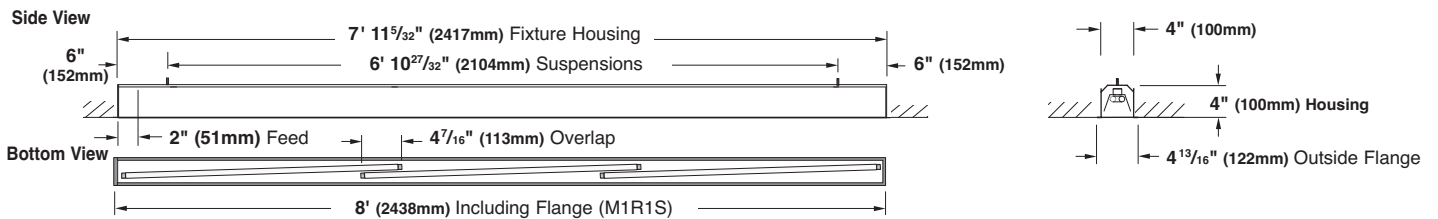


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M1R1S-0118-01 (v6.1)

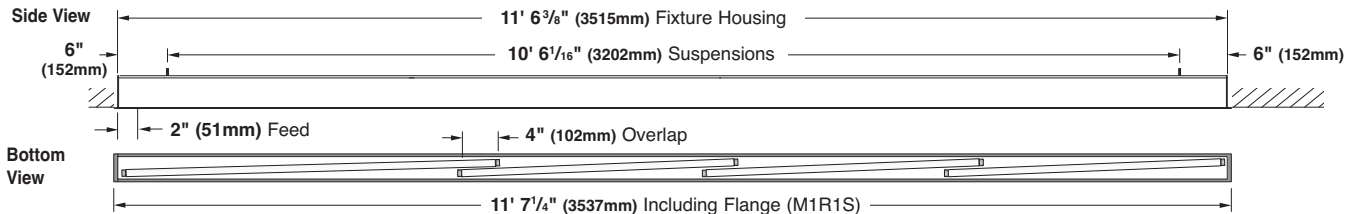
In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.us are the most recent versions and supercede all other printed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

## M1R1S/M1R2S (Single Staggered Lamps) Standard Layout Dimensions

### Nominal 8 foot Individual

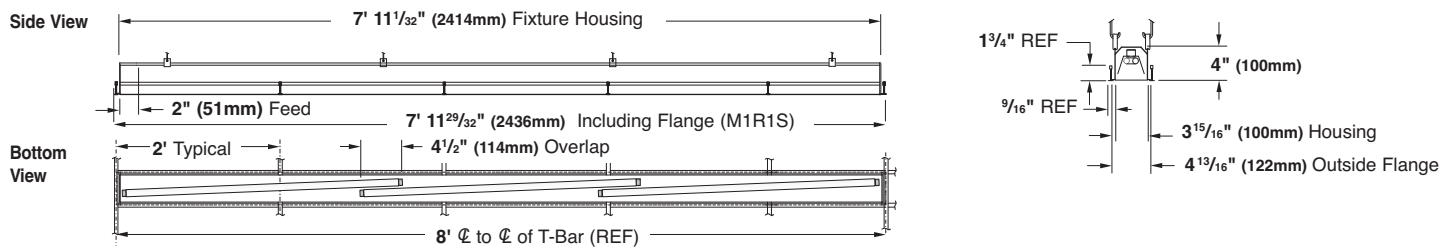


### Nominal 12 foot Individual

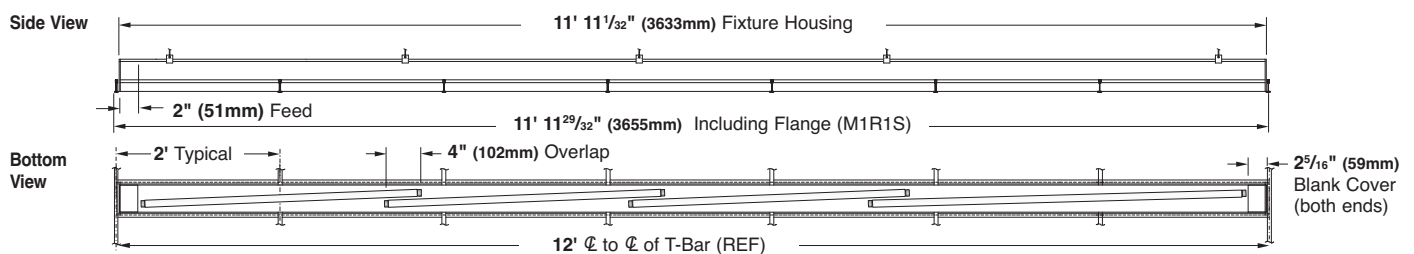


## M1R1S (Single Staggered Lamps) T-Bar Layout Dimensions (option - TB)

### Nominal 8 foot Individual



### Nominal 12 foot Individual



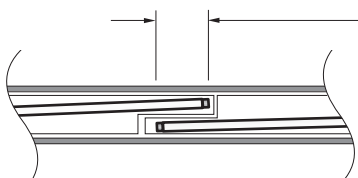
Suspension clips (SH) supplied, spaced at lamp seams. Fixture supplied with 7/8 drilled hole located 2" from end in top of fixture. Any length over 18 ft. possible, see below.

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).

## M1R1S/M1R2S (Double Staggered Lamps) Layout Dimensions -

Factory will provide submittal drawings.

## Staggered Lamps Principle



Lamps are spaced with 4" to 6" overlap to completely illuminate luminaire and eliminate socket shadows. Factory will supply approval drawings for other lengths using combinations of 21W & 28W T5 lamps, 25W & 32W@ T8 lamps, or 39W & 54W T5HO lamps.

Minimal socket shadows may be visible at certain angles.