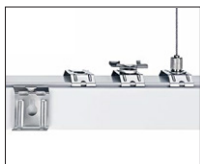


# Installation Instructions – INDIVIDUAL & CONTINUOUS



**Important Preinstallation Note:** 4" square welded junction box (30 cu. in. volume) supplied by others. Canopies and suspensions are ordered separately. **Junction boxes should be installed regressed 3/16" into sheetrock ceiling.** For T-bar ceilings use caddy clips by others. Please refer to the approved layout drawings prior to installation, if applicable.

## TECTON TRUNKING for TECTON SYSTEM

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### DANGER

#### RISK OF FIRE AND ELECTRICAL SHOCK



Contact, improper installation, or improper servicing MAY RESULT IN DEATH OR SERIOUS INJURY!

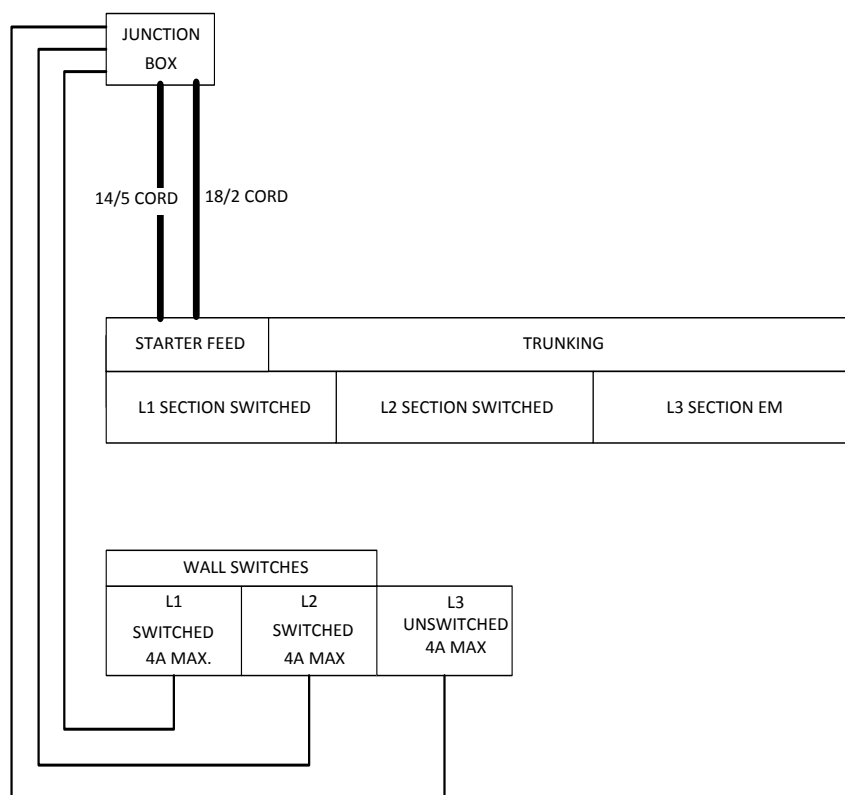
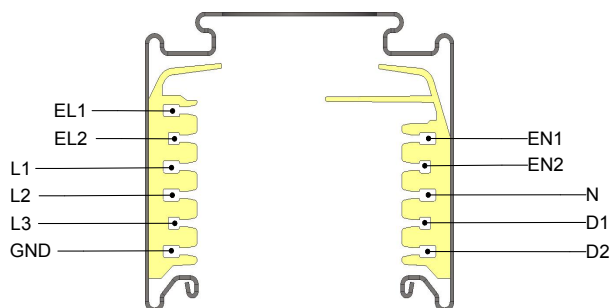
Fixture must be installed by a qualified electrician only. Fixture is intended for installation in accordance with the National Electrical Code, local and federal code specifications. Disconnect power at electrical panel before servicing. Retain these instructions for maintenance reference.

## READ ENTIRE INSTRUCTIONS BEFORE STARTING INSTALLATION

**1 Unpack fixture.** Suspensions/canopies are ordered and packaged separately.

**2 Determine spacing for mounting points.** The supplied Starter Feed contains pre-wired (5) 14-gauge SJT cord. For dimming applications additional (2) 18-gauge SJT cord is supplied. 15A max. rated, in single circuit with three switch legs. **It is not intended for use with three phase installation wiring conditions.**

**The unused (4) conductors EL1, EL2, EN1, EN2 are terminated (along with the line voltage conductors) at the end of the run.**



EL1	NOT USED	EN1	NOT USED
EL2	NOT USED	EN2	NOT USED
L1	SWITCHED HOT	N	NEUTRAL
L2	SWITCHED HOT	D1	DIMMING
L3	UNSWITCHED HOT EM	D2	DIMMING
GND	GROUND		

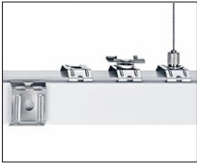
NOTE: CONSULT WITH FACTORY FOR USE  
ADDITIONAL SWITCHED CIRCUIT

Zumtobel Lighting, Inc. ©2015  
3300 Route 9W  
Highland, NY 12528-2630  
845-691-6262 • 800-448-4131 • [zli.us@zumtobel.com](mailto:zli.us@zumtobel.com)  
Part # D00471CI Date 06/09/22 Page 1 of 11

**Questions? Problems? Call (800) 448-4131**  
**and we will be happy to assist you. For technical**  
**specification sheets or other information about our**  
**products, please go to [www.zumtobel.us](http://www.zumtobel.us)**



# Installation Instructions – INDIVIDUAL & CONTINUOUS



**Important Preinstallation Note:** 4" square welded junction box (30 cu. in. volume) supplied by others. Canopies and suspensions are ordered separately. **Junction boxes should be installed regressed 3/16" into sheetrock ceiling.** For T-bar ceilings use caddy clips by others. Please refer to the approved layout drawings prior to installation, if applicable.

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### DANGER

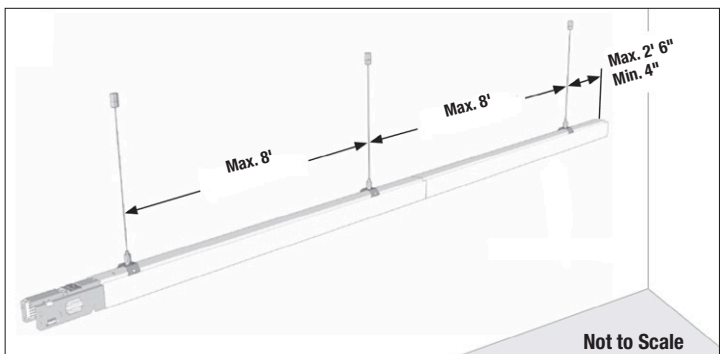
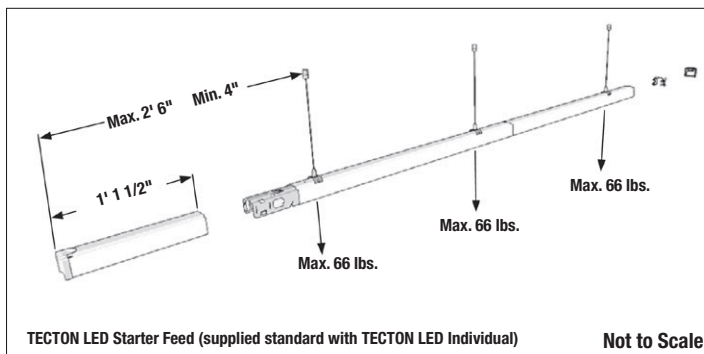


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Finished suspension length will be reduced by maximum of 2' 6" depending on location of first and last aircraft cable.

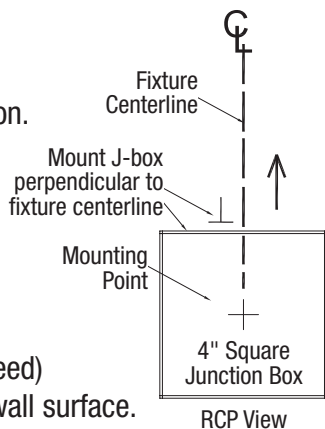


**3 Prepare ceiling/wall for** junction box and suspension installation using method(s) below that apply to your installation.

All mounting points must be in a straight line. J-boxes must be mounted perpendicular to fixture center line as shown.

#### a. Cable, Surface Mount –

Install junction box (feed or non-feed) 3/16" above the finished ceiling/wall surface. Trunking weight is approximately 1.2 lb/ft. (actual weight depends on optic used; please refer to individual optic spec sheets for details)



#### b. Cable Mount – Hang cable-mounted suspension.

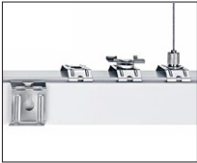
Screw cross bar bracket to junction box. Insert cable into keyhole in cross bar bracket.

**c. Cable Mount – 1/4-20 mounting:** Secure crossbar with stud at least 1/2" below ceiling tile.

***Make sure all mounting points, junction boxes and canopies are in a straight line.***

***Standby battery pack fixtures need separate junction box(es) and suspensions.***

# Installation Instructions – INDIVIDUAL & CONTINUOUS



**Important Preinstallation Note:** 4" square welded junction box (30 cu. in. volume) supplied by others. Canopies and suspensions are ordered separately. **Junction boxes should be installed regressed 3/16" into sheetrock ceiling.** For T-bar ceilings use caddy clips by others. Please refer to the approved layout drawings prior to installation, if applicable.

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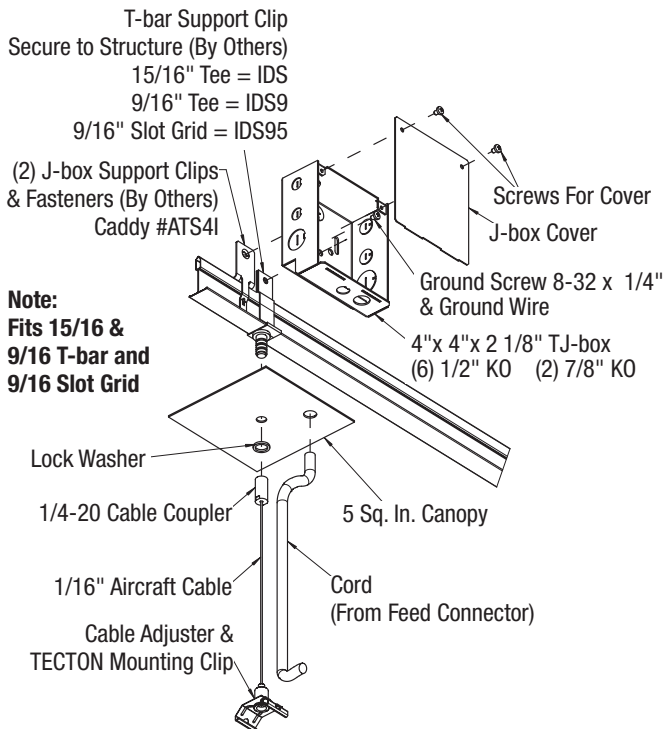
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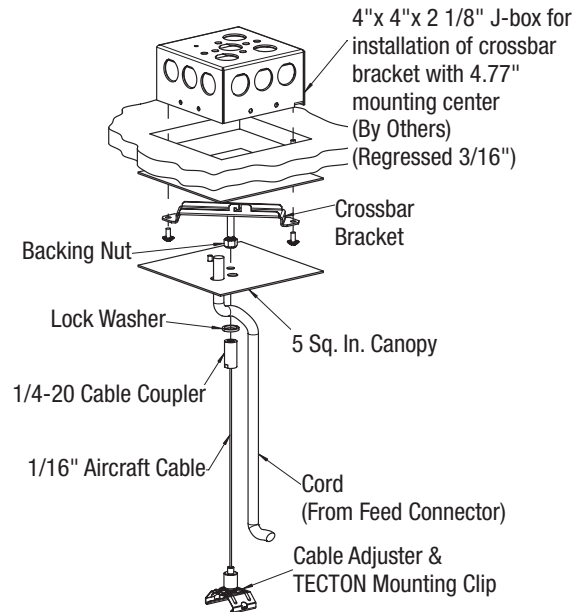
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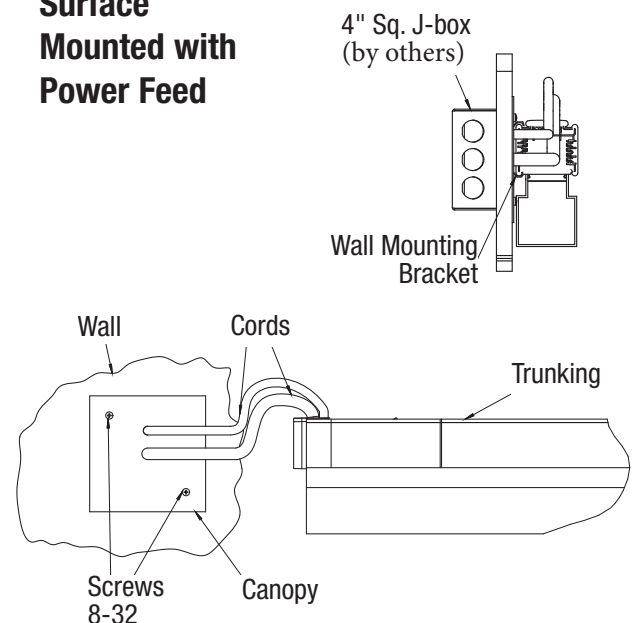
#### T-bar Mounted with Power Feed



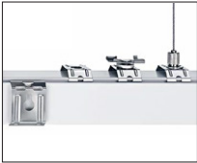
#### J-box Mounted with Power Feed



#### Surface Mounted with Power Feed



# Installation Instructions – INDIVIDUAL & CONTINUOUS



**Important Preinstallation Note:** 4" square welded junction box (30 cu. in. volume) supplied by others. Canopies and suspensions are ordered separately. **Junction boxes should be installed regressed 3/16" into sheetrock ceiling.** For T-bar ceilings use caddy clips by others. Please refer to the approved layout drawings prior to installation, if applicable.

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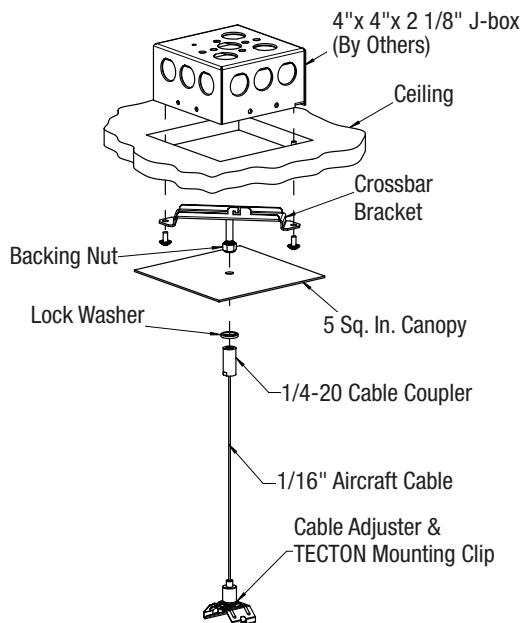


#### RISK OF FIRE AND ELECTRICAL SHOCK

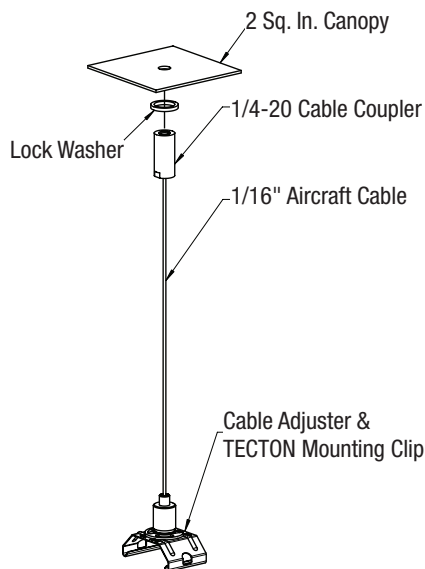
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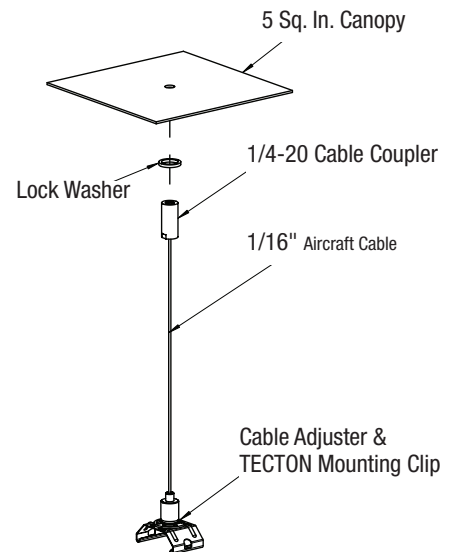
#### J-box Mounted Non-Power Feed – 5" Canopy



#### 1/4-20 Fastener Non-Power Feed – 2" Canopy



#### 1/4-20 Fastener Non-Power Feed – 5" Canopy



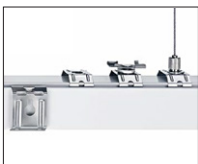
# TECTON TRUNKING for TECTON SYSTEM

 **DANGER**



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# Installation Instructions – INDIVIDUAL & CONTINUOUS



**Important Preinstallation Note:** 4" square welded junction box (30 cu. in. volume) supplied by others. Canopies and suspensions are ordered separately. **Junction boxes should be installed regressed 3/16" into sheetrock ceiling.** For T-bar ceilings use caddy clips by others. Please refer to the approved layout drawings prior to installation, if applicable.

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### DANGER

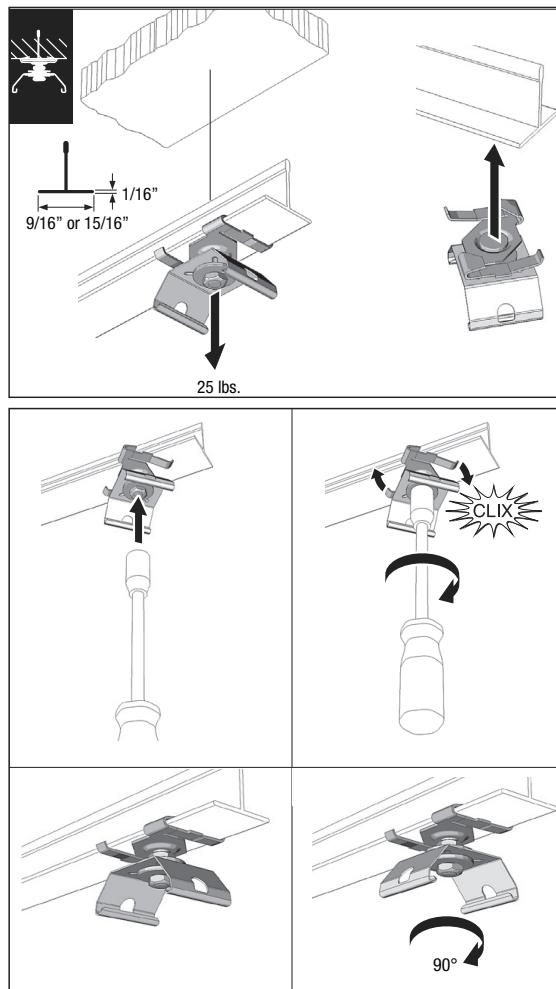
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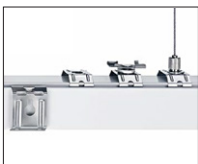


**c. Surface Mount T-bar** – Attach caddy clip to T-bar and with nut driver (by others) twist caddy clip 90° to securely lock in place.





# Installation Instructions – INDIVIDUAL & CONTINUOUS



**Important Preinstallation Note:** 4" square welded junction box (30 cu. in. volume) supplied by others. Canopies and suspensions are ordered separately. **Junction boxes should be installed regressed 3/16" into sheetrock ceiling.** For T-bar ceilings use caddy clips by others. Please refer to the approved layout drawings prior to installation, if applicable.

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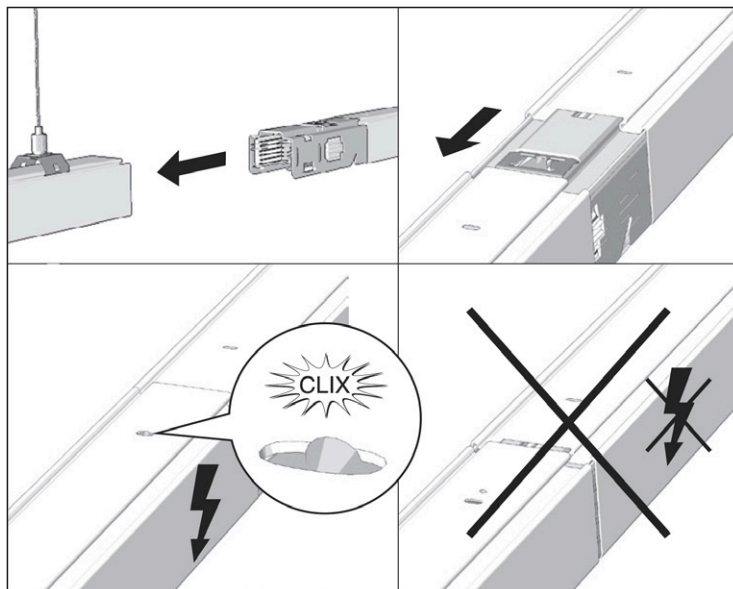


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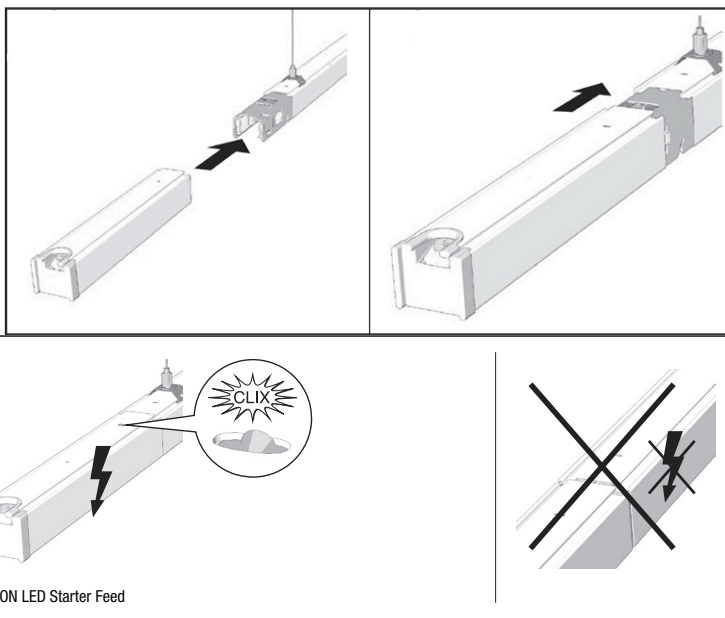
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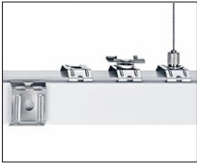
**5 Attach trunking sections** to each other for continuous runs by pressing firmly until the CLIX sound is heard. Make sure to orient the trunkings correctly as shown. Trunkings are shipped prewired for mechanical and electrical connection and grounding.



**6 Attach Starter feed module** to trunking unit by pushing firmly until CLIX sound is heard. Make electrical connections from supplied power cord to ceiling.



# Installation Instructions – INDIVIDUAL & CONTINUOUS



**Important Preinstallation Note:** 4" square welded junction box (30 cu. in. volume) supplied by others. Canopies and suspensions are ordered separately. **Junction boxes should be installed regressed 3/16" into sheetrock ceiling.** For T-bar ceilings use caddy clips by others. Please refer to the approved layout drawings prior to installation, if applicable.

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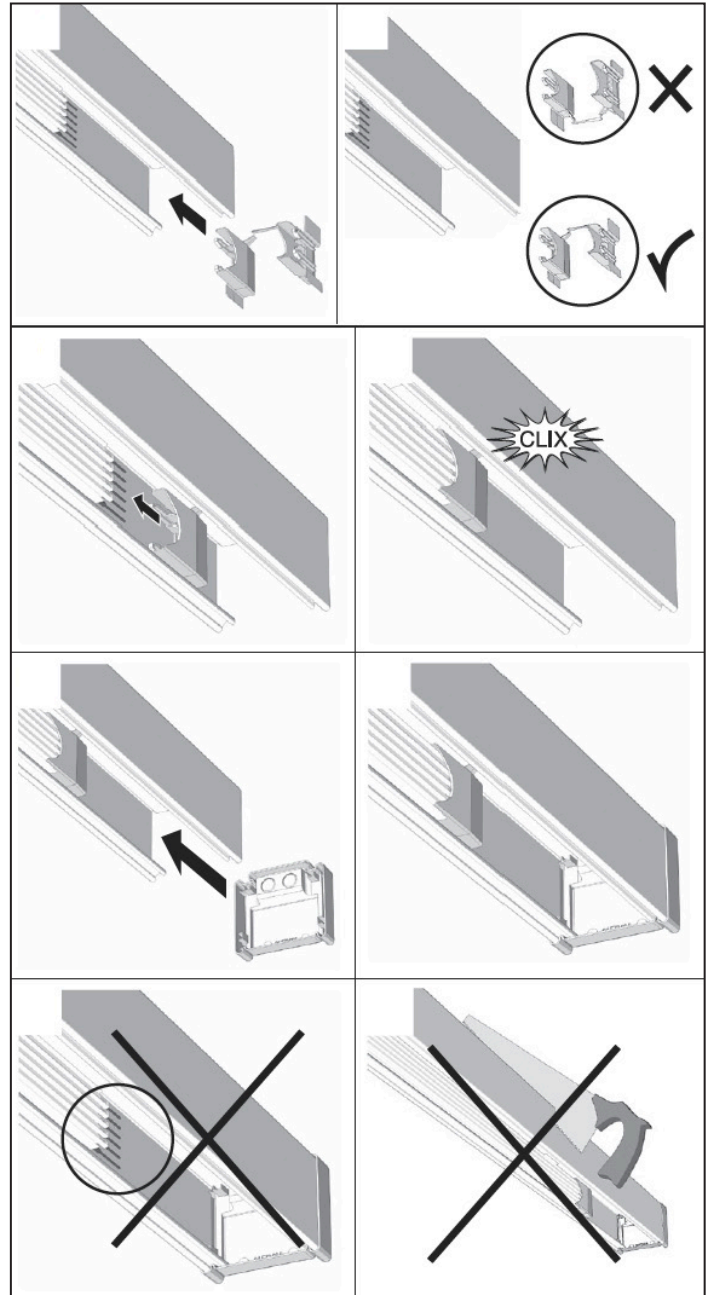
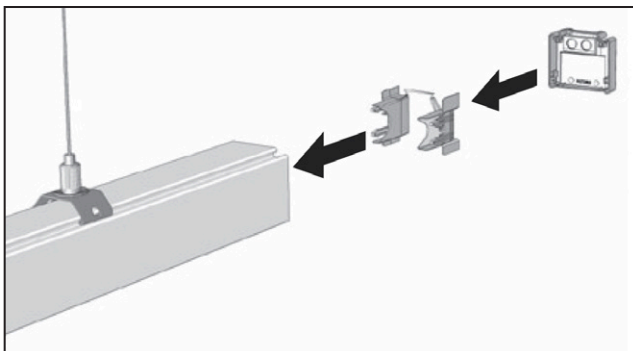
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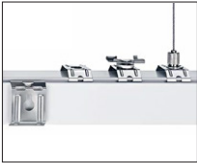
## 7 Complete the run. **THIS IS A VERY IMPORTANT STEP.**

**a. End Cap** – Terminate the wiring using supplied busbar terminator cover as shown below. Insert the cover through the open end of the trunking, making sure the orientation is correct. Push the cover in until you hear a click to indicate positive engagement. Finally complete the run by inserting supplied end cap.





# Installation Instructions – INDIVIDUAL & CONTINUOUS



**Important Preinstallation Note:** 4" square welded junction box (30 cu. in. volume) supplied by others. Canopies and suspensions are ordered separately. **Junction boxes should be installed regressed 3/16" into sheetrock ceiling.** For T-bar ceilings use caddy clips by others. Please refer to the approved layout drawings prior to installation, if applicable.

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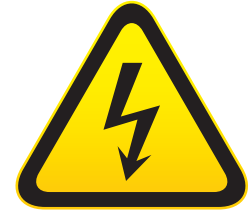
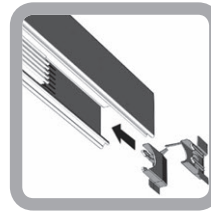
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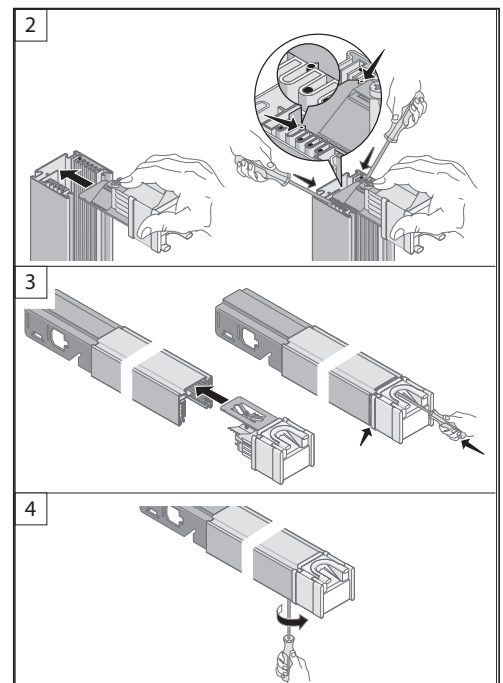
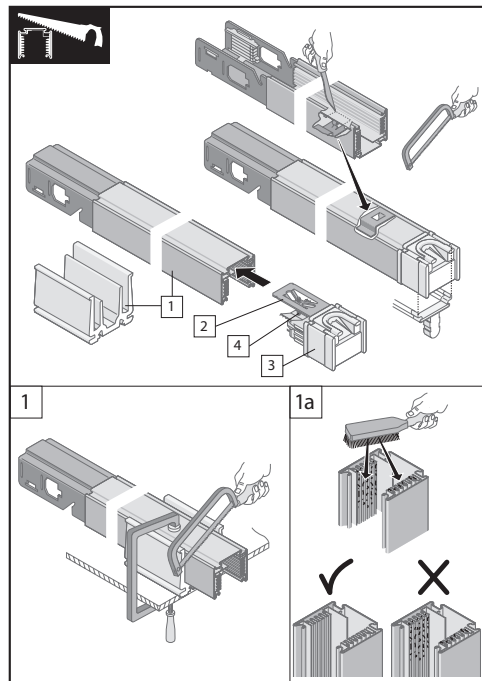
### DANGER



**REMOVE LABEL AFTER INSTALLATION**

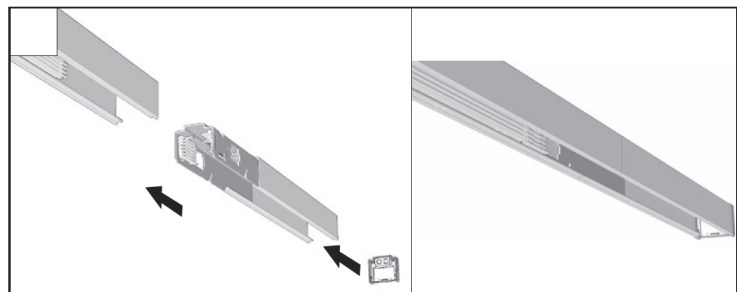
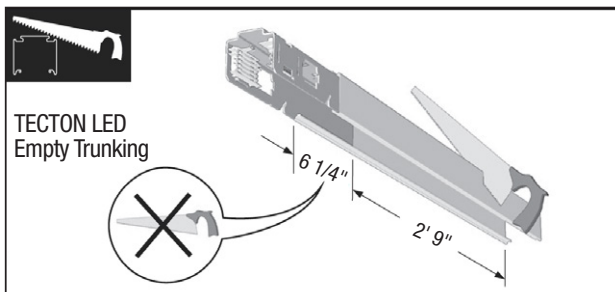
**OR**

**b. Cut the trunking** as desired using supplied cutting aid (ordered separately). Brush out the shavings and terminate the wiring using supplied end cap ordered separately.

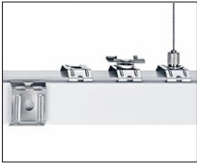


**OR**

**c. End the run with an empty trunking** by cutting it to desired length and completing with an end cap.



# Installation Instructions – INDIVIDUAL & CONTINUOUS



**Important Preinstallation Note:** 4" square welded junction box (30 cu. in. volume) supplied by others. Canopies and suspensions are ordered separately. **Junction boxes should be installed regressed 3/16" into sheetrock ceiling.** For T-bar ceilings use caddy clips by others. Please refer to the approved layout drawings prior to installation, if applicable.

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#### RISK OF FIRE AND ELECTRICAL SHOCK

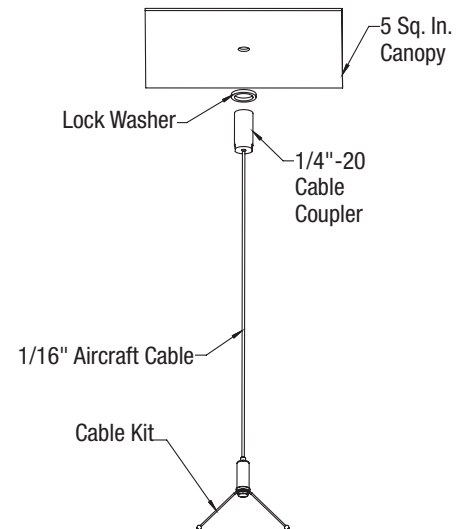
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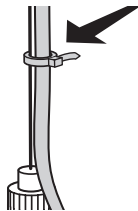


**8** Make electrical connections using supplied power cord. Attach canopy ground wire to a suitable point in the junction box, per NEC and local codes.

**9** Slide canopy to cover junction box. Repeat for all canopies.



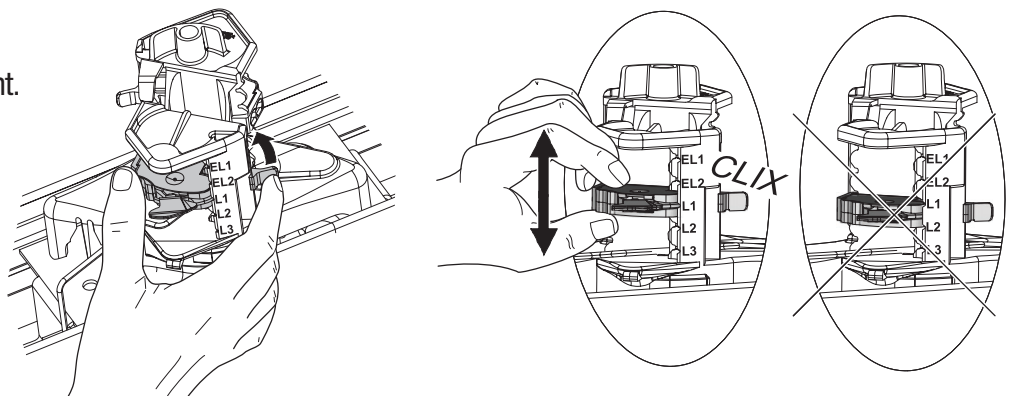
**10** Secure power cord to aircraft cable with wire ties provided. Wire ties provide strain relief.



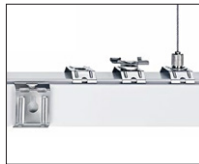
**BELOW INSTRUCTIONS FOR FIELD CHANGE REQUIREMENTS ONLY. INDIVIDUAL FIXTURES ARE SUPPLIED ASSEMBLED.**

**11** Attach batten to installed trunking. Select switchable leg by choosing L1, L2 or L3. Press lever on movable contact to disengage as shown and slide it up or down to desired location. When the indicator lines up with L1, L2 or L3 and clicks into place, release to re-engage lever.

**Note:** Plan loading of 4A each circuit. (80% of maximum rating). Maximum 12A total for each feed point.



# Installation Instructions – INDIVIDUAL & CONTINUOUS



**Important Preinstallation Note:** 4" square welded junction box (30 cu. in. volume) supplied by others. Canopies and suspensions are ordered separately. **Junction boxes should be installed regressed 3/16" into sheetrock ceiling. For T-bar ceilings use caddy clips by others.** Please refer to the approved layout drawings prior to installation, if applicable.

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before servicing. Retain these instructions for  
maintenance reference.

**12.** For corners, make electrical connections as described on page 7.

**13. Mate the corners** to the trunking  
by pressing firmly until a clicking sound is heard.

