

# Lumination® LED Luminaire

## LED Linear Suspended Corner (LALS Series)



### BEFORE YOU BEGIN

Read these instructions completely and carefully.



### WARNING/AVERTISSEMENT

#### RISK OF ELECTRIC SHOCK

- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.
- Ensure power cord rating exceeds rating of fixture

#### RISK OF FIRE

- Follow all NEC and local codes.
- Use only UL approved wire for input/output connections. Minimum size 18 AWG.

#### RISQUES DE DÉCHARGES ÉLECTRIQUES

- Coupez l'alimentation avant d'inspecter, installer ou déplacer le luminaire.
- Assurez-vous de correctement mettre à la terre le boîtier d'alimentation électrique.
- Assurez-vous que le calibre du cordon d'alimentation dépasse celui du luminaire

#### RISQUES D'INCENDIE

- Respectez tous les codes NEC et codes locaux.
- N'utilisez que des fils approuvés par UL pour les entrées/sorties de connexion. Taille minimum 18 AWG.

## Save These Instructions

Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

These instructions are to be used in conjunction with instructions provided with the adjacent luminance.

## Important

- 120V 60Hz - maximum 100 feet of luminaires can be connected on a single through wiring run
- 277V/347V 60Hz - maximum 200 feet of luminaires can be connected on a single through wiring run
- Please see technical data sheet for electrical properties to ensure safe installation
- Under any circumstance, maximum current through connected fixtures shall not exceed 16A

## Materials Supplied with Luminaire

- Fixture
- Knockout plate (2)
- 8-18 x 1/4" screws for knockout
- Suspension cable (2)
- T-bar clip (2)
- Locating tabs
- Suspension Bracket (2)
- Jumper Harnesses

## Prepare Electrical Wiring



### Electrical Requirements

- The LED luminaire must be connected to the mains supply according to its ratings on the product label.



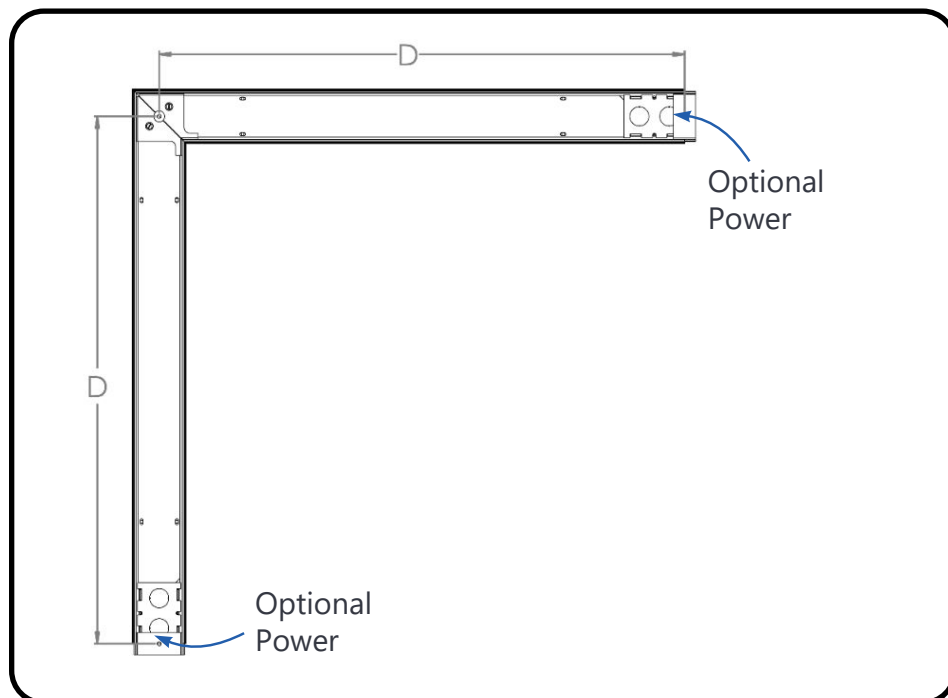
### Grounding Instructions

- The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) Article 600 and local codes.

## Materials Supplied with Starter Kit

- End caps (2)
- 8-18 x 2" screws
- Suspension bracket
- Suspension cable
- T-bar clip
- Locating tabs
- AC and dimming leader cables
- Power cords

## Planning - Suspension Locations

**Note:**

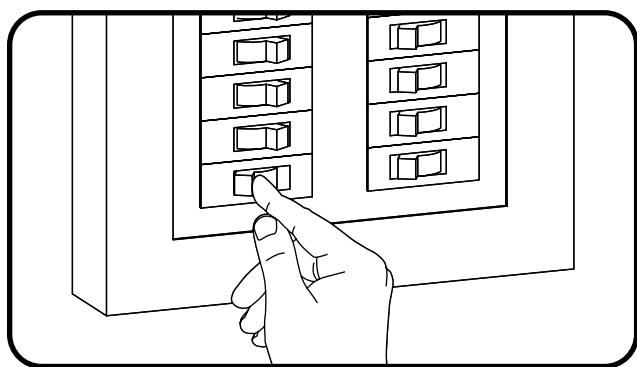
- Power can only be supplied at ends of fixtures. Not at the middle of the fixture.
- 3 suspension points are required per fixture. Adjacent fixture can share a suspension point.

**Distance D**

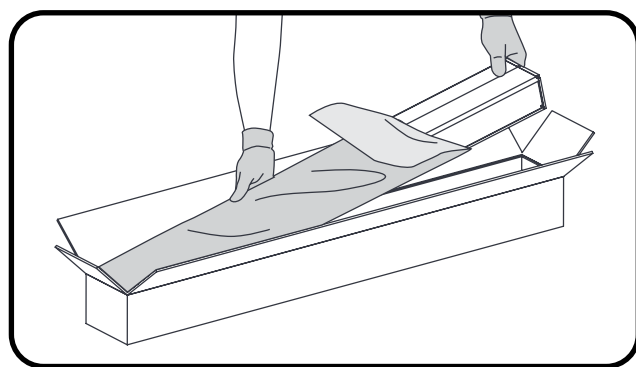
23.75"

See LALS Series Installation Guide for more details

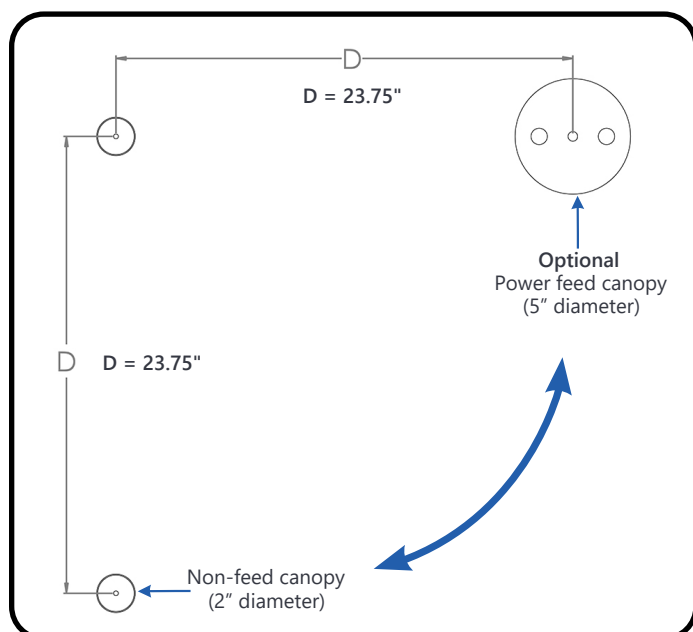
## Installation



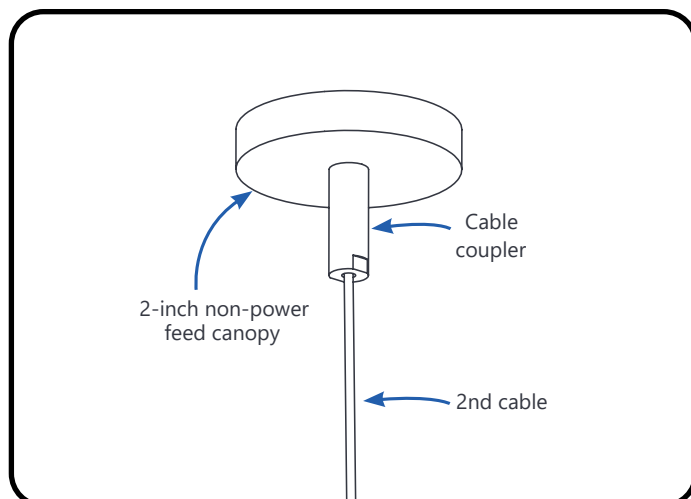
① TURN OFF POWER at the source to the fixture.



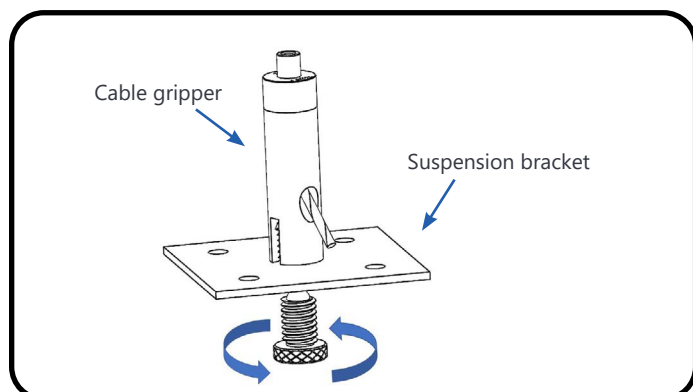
② Carefully unpack unit from its packaging. Properly inspect for defects before installing. Wear work gloves to prevent dirt and oil from being transferred to the luminaire.



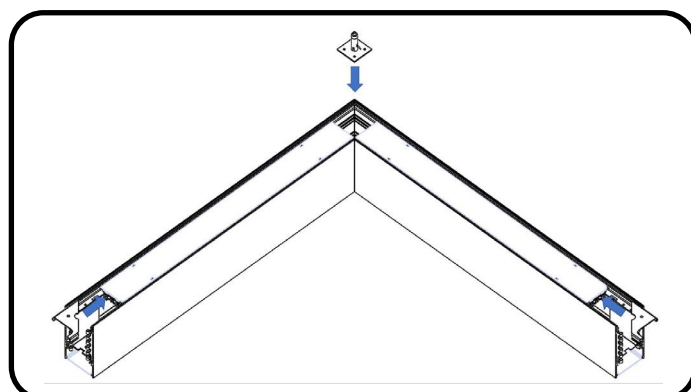
- ③ For T-Grid installation, use hardware provided with fixture and starter kit. For drywall installation, 1/4"-20 threaded rod should be provided and installed by other.



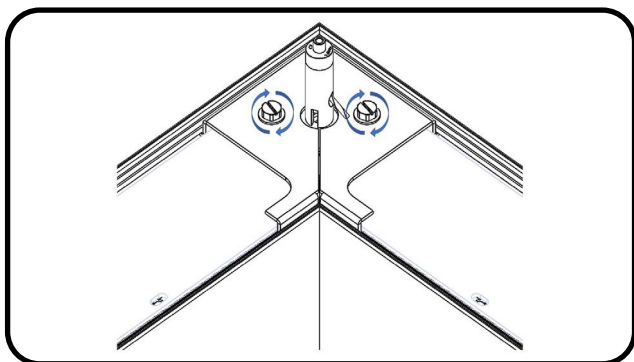
- ④ Hang cable from a structural ceiling member capable of supporting the weight of the fixture and cover with canopy.



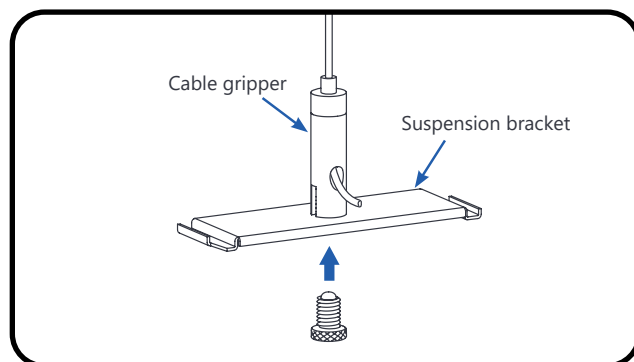
- ⑤ Connect cable gripper to suspension bracket using provided screw. Feed cable into top of cable gripper and pull through.



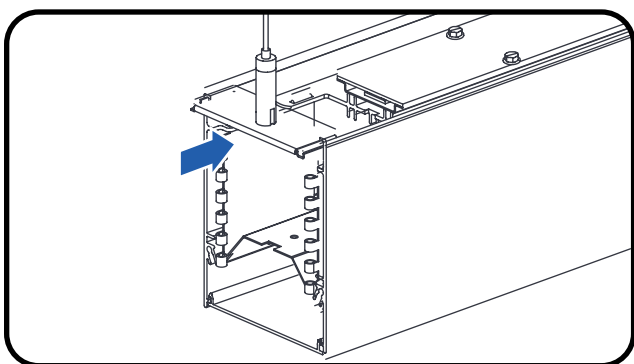
- ⑥ Place bracket with cable gripper in corner. Slide remaining brackets down fixture.



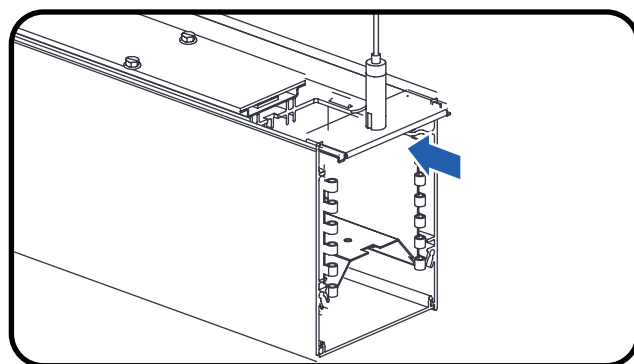
- ⑦ Secure brackets together with the two screws provided.



- ⑧ Connect cable gripper to suspension bracket using provided screw. Feed cable into top of cable gripper and pull through.



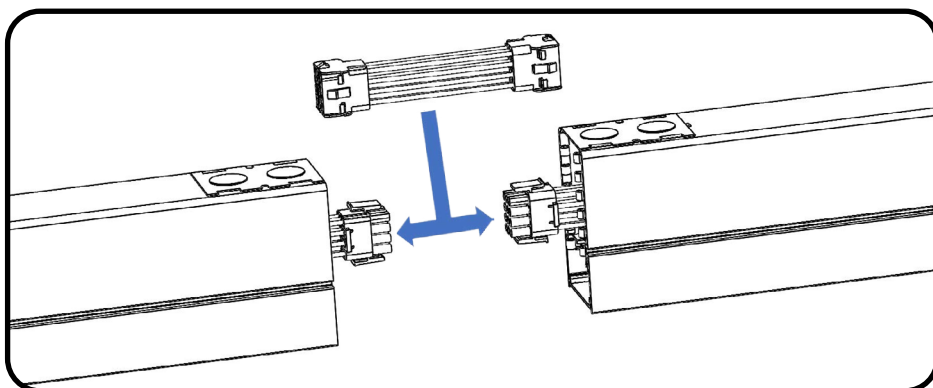
- ⑨ Slide suspension bracket into housing.



- ⑩ Slide second suspension bracket into opposite side of fixture and level fixture.

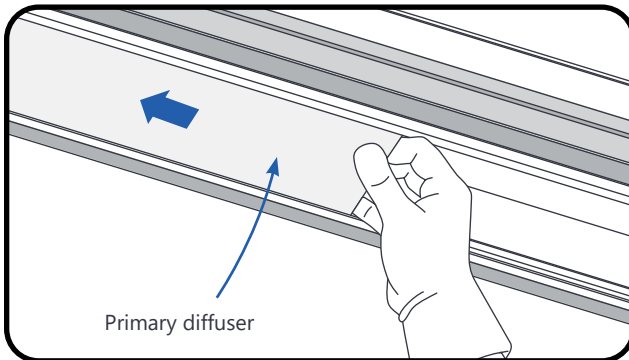
- ⑪ For additional installation instructions, see LALS installation instructions provided.

### Wiring Harness



- ① For continuous installations where the harnesses do not mate; use the supplied jumper harness to connect fixtures.

## Diffuser Installation



**Option - one diffuser (primary):** If diffusers were removed prior to installation then re-install diffusers into base of luminaires. Line up diffuser with fixture and snap in lens.

**Note:** Use care not to break the tip of the diffuser.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAN ICES-005 (A) / NMB-005 (A)

**Note:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

**Note:** This device complies with part 15 of the FCC rules for the United States and Industry Canada (IC) license exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment. This product is intended for commercial use only.