

# Lumination® Montage

## Rough-In Kit



### 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.

#### RISK OF FIRE

- Follow all NEC and local codes.
- Use only UL approved wire for input/output connections. Minimum size 18 AWG or 14 AWG for continuous runs.

#### 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.

#### RISK OF FIRE

- 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 ou 14 AWG pour les rangées continues.

## Save These Instructions

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

## Prepare Electrical Wiring



#### Electrical Requirements

- The LED driver must be supplied with 120 or 277V, 50/60 Hz and connected to an individual properly grounded branch circuit, protected by a 20 ampere circuit breaker. Use min. 75°C supply conductor.

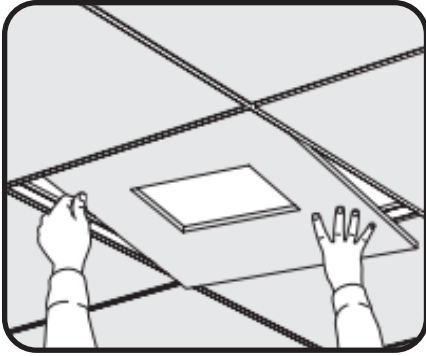


#### Grounding Instructions

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

## Unit Installation

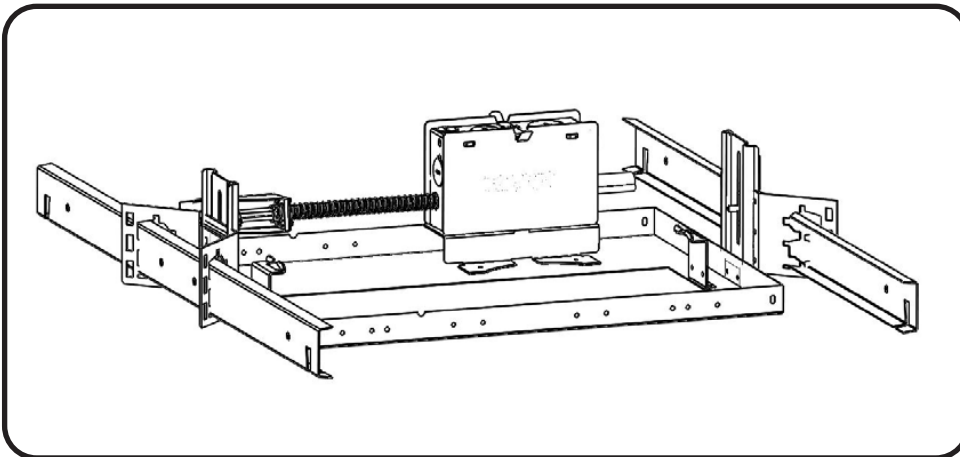
Tile Ceiling (above ceiling access after installation)



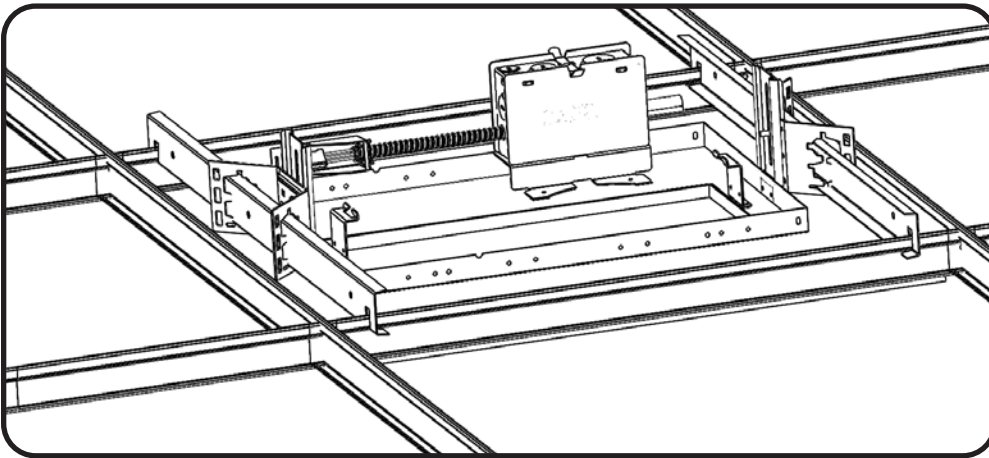
Fixture	Hole Size
MM1	5.56 in. x 5.56 in. (141.29 mm x 141.29 mm)
MM2	10.31 in. x 5.56 in. (261.94 mm x 141.29 mm)
MM3	14.81 in. x 5.56 in. (376.24 mm x 141.29 mm)
MM4	19.31 in. x 5.56 in. (490.54 mm x 141.29 mm)
MM2X2	11.25 in x 11.25 in. (285.75 mm x 285.75 mm)

- 1 Cut the appropriately sized hole (see table at the right) in the desired ceiling tile. Place the ceiling tile in the ceiling grid.

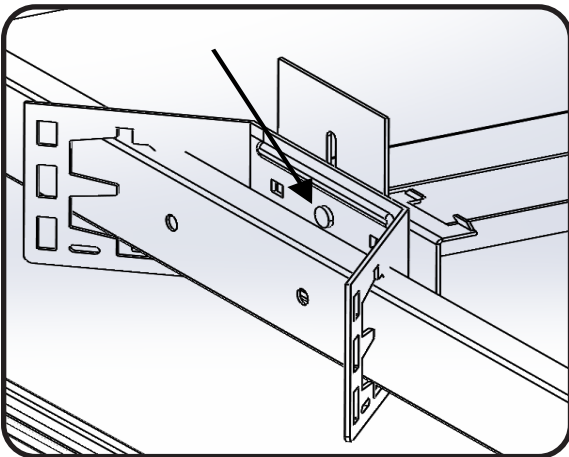
Tile Ceiling (above ceiling access after installation)



- 2 Slide hanger bars through the adjustable mounting brackets on the rough in kit.



- ③ Mount Rough-in-Kit by attaching the hanger bars to the T-Grid ceiling.

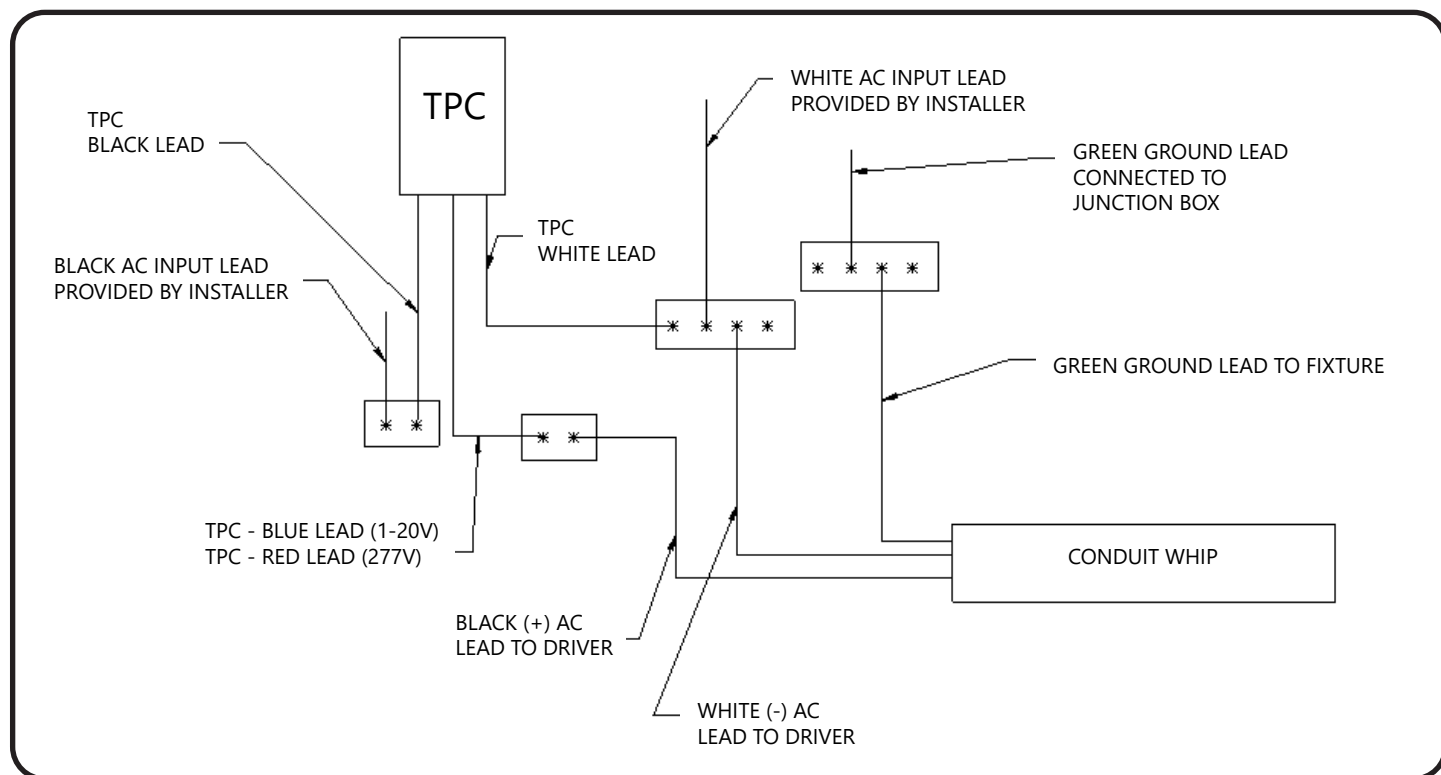


- ④ If necessary, the height of the adjustable mounting brackets can be adjusted by loosening the nut so that the bottom of the rough in kit is flush with the top of the ceiling tile.

## Spacing Requirements

Minimum Spacing Requirements for Fixtures	MM 1 and 2	MM 3, 4, and 2x2
Center to center of adjacent luminaire	24"	36"
Top of Luminaire to overhead building member	0.5"	0.5"
Luminaire center to side building member	12"	18"

## Wiring Instructions



- 1 Bring supply leads and ground to the junction box supplied on the Rough in Kit. Be sure to connect leads to existing wire connectors to ensure proper function of thermal protector and fixture.

Must use UL approved conduit fittings for all enclosure box connections to prevent wire cuts by sharp edges and excessive strain on wiring.

- 2 Install listed electrical fittings in the knockout holes for wire protection. Connect the AC line to the luminaire internal wires according to the wiring diagrams using 18-14AWG twist-on wire connectors.

Fixture intended for commercial use only. Use only in non-insulated applications.