

## INSTALLATION INSTRUCTIONS

**WARNING:**



RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

### ⚠ IMPORTANT SAFETY INFORMATION

Read and follow all safety instructions before installation, maintenance, or servicing. Failure to do so may result in electrical shock, fire, or personal injury.

#### Electrical Safety Warnings

- RISK OF ELECTRICAL SHOCK. Installation and maintenance must be performed by a qualified, licensed electrician familiar with the luminaire's electrical system and associated hazards.
- Disconnect power before installation or servicing.
- Verify the supply voltage matches the luminaire's rating by checking the product label.
- Ensure all electrical and grounding connections comply with the National Electrical Code (NEC) and applicable local regulations.
- Use only UL-approved wire connectors for all wiring connections.

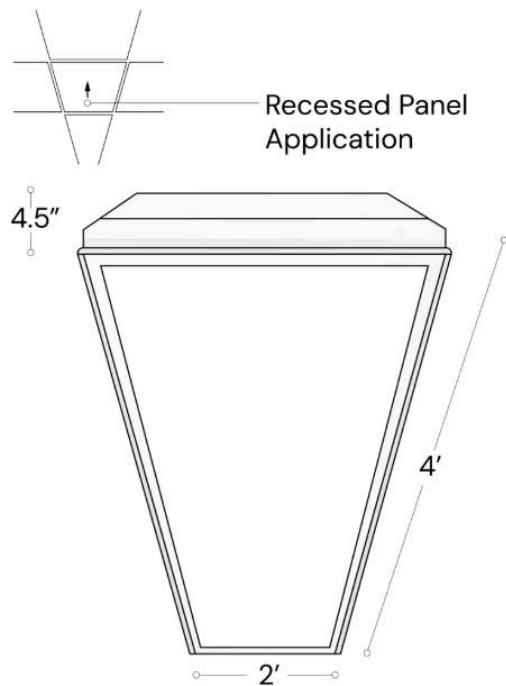
#### Fire & Installation Safety Warnings

- Avoid drilling near wires or electrical components. Drilling mounting holes in improper locations may damage internal wiring and cause fire or electrical shock.
- Do not alter or create new openings in any enclosure containing wiring or electrical components. Only the pre-designated holes shown in the installation guide should be used.
- Prevent wiring damage or abrasion. Keep wires away from sharp edges, sheet metal, or other abrasive surfaces.

#### Personal Safety Warnings

- Wear safety gloves and glasses during installation, maintenance, and handling of luminaire components.
- Allow the luminaire to cool before handling. Do not touch the enclosure or light source while hot.

**WARNING:** This product may contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. Wash hands thoroughly after handling.



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### SAFETY PRECAUTIONS

- Disconnect power before performing installation or maintenance.
- Read all instructions and warnings carefully before proceeding.

### REPLACEMENT PARTS

- If any part of the luminaire is damaged or broken, only use replacement components provided by Alcon Lighting Inc.

### APPLICATION GUIDELINES

- Use the luminaire only in its intended application.
- Unless specified otherwise, do not restrict ventilation. Ensure adequate airspace around the luminaire and avoid covering it with insulation, foam, or any material that could prevent proper cooling.
- Do not exceed the luminaire's maximum ambient temperature rating.

### HANDLING PRECAUTIONS

- Do not touch the LEDs to prevent damage.
- Electrostatic discharge (ESD) precautions must be taken. Wear personal grounding equipment during installation or maintenance to avoid damaging LED components.
- Avoid mounting or supporting the luminaire in a way that could cut the outer jacket or damage wire insulation.
- Do not carry the luminaire or components by attached wires. Ensure all conductors remain properly connected.

### CLEANING INSTRUCTIONS

- The outer surface of the luminaire housing and lens can be cleaned using a duster or damp cloth. Wipe dry afterward.
- If the inside of the lens becomes dirty, clean it in the same manner, but do not touch or clean the LEDs or other electrical components.
- Removable lenses or diffusers can be washed with cold water and must be wiped dry before reinstallation.
- Cleaning frequency depends on the ambient dirt level and the minimum acceptable light output as determined by the owner.

### RECYCLING INFORMATION

- For details on recycling LED electronic products, please visit [www.epa.gov](http://www.epa.gov).

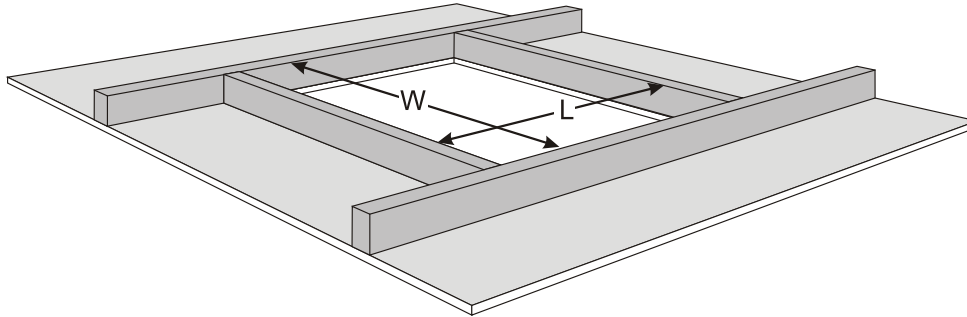
### ADDITIONAL INFORMATION

- These instructions do not cover all possible details, variations, or contingencies related to installation, operation, or maintenance.
- If additional information is required or specific issues arise, please contact Alcon Lighting Inc.

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Model	Luminaire Size	Ceiling Cut-out Dimensions W	Ceiling Cut-out Dimensions L
14129	2' x 4'	24 1/2"	48 1/2"

1. Prepare the Ceiling Opening
  - a. For drywall, gypsum wallboard, or other hard lid ceilings, frame and cut an opening according to the dimensions provided in the chart above.
2. Install Electrical Power Feed
  - a. Following the National Electrical Code (NEC) and all applicable local codes, install an appropriate electrical power feed.
  - b. Ensure the power feed extends at least 12 inches below the ceiling plane.
3. Finish and Paint the Ceiling
  - a. Complete any ceiling finishing and painting before installing the fixture.
  - b. To ensure a proper seal between the fixture flange and ceiling, ensure square corners and a flat ceiling surface.
4. Access the Fixture Wiring
  - a. Open the fixture door and remove the wireway cover from the fixture housing.
5. Connect Electrical Wiring
  - a. Connect the power feed to the fixture following the NEC and applicable local codes.
6. Install the Fixture
  - a. Raise the fixture into the ceiling opening and secure it according to local and national codes.
  - b. For optional hanger yoke installation, refer to the additional instructions on the following page.
7. Seal Openings
  - a. Seal all holes, gaps, and the entire perimeter of the flange to the plenum using an appropriate caulk or sealant (provided by others).
8. Final Assembly
  - a. Reinstall the wireway cover, close the fixture door, and ensure all door screws are securely tightened.

## HANGER YOKES INSTALLATION

Two required per fixture, must be ordered separately.

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### 1. Determine Mounting Locations

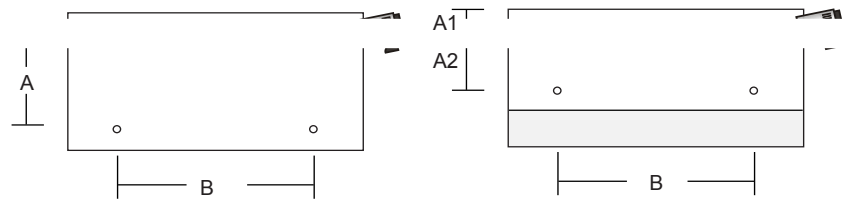
- Refer to the chart below to identify the hanger yoke mounting positions within the frame and the drill hole locations on the back of the luminaire.
- Drill 3/8" diameter holes at the appropriate locations on the back of the luminaire.

Model	Luminaire Size	On Center Dimensions A	On Center Dimensions B
14129	2' x 4'	15 1/4"	32"

Model	Luminaire Size	A1	A2	On Center Dimensions B
14129	2' x 4'	3.5"	4.75"	32"

### 2. Attach Hanger Yokes

- Secure the hanger yokes to the support frame using screws.
- Ensure that the distance from the hanger yoke to the ceiling surface is at least 4 1/2 inches.



### 3. Access the Fixture Wiring

- Open the fixture door and remove the wireway cover from the fixture housing.

### 4. Connect Electrical Wiring

- Connect the power feed to the fixture in accordance with the National Electrical Code (NEC) and applicable local codes.

### 5. Install the Luminaire

- Raise the luminaire into the ceiling opening.
- Secure the fixture using the provided wing nuts, tightening them until the flanges press firmly against the ceiling.

### 6. Seal Openings

- Apply caulk or sealant (provided by others) to seal all holes, gaps, and the entire perimeter of the flange to the plenum.

### 7. Final Assembly

- Reinstall the wireway cover, close the fixture door, and ensure all door screws are securely tightened.

