



Source Four Mini LED

All Luminaire Models

User Manual

Part Number: 7063M2140 Rev C

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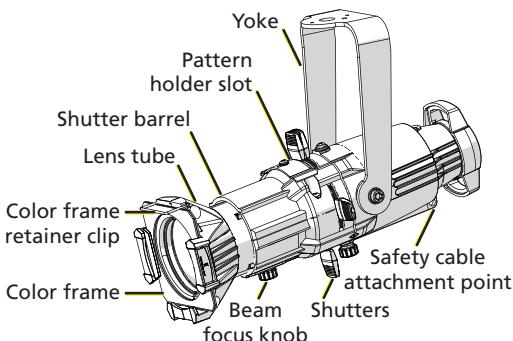
Introduction

The Source Four Mini LED features the same crisp optics, user-friendly functionality, and sleek look of the legendary Source Four fixture, but in a compact format at a fraction of the size. The Source Four Mini LED Plus boosts the light output to even greater levels.

The luminaire has three available mounting options:

- **Track-mount:** For use with the OneTrack or DataTrack track system.
- **Portable:** Use an M10 bolt to secure a clamp (provided separately, part number **HW7378**) to the luminaire. Available in different control variants:
 - DMX: Includes a yoke-mounted driver, and has a permanently installed power cord with 3-prong Edison connector. Region-specific connectors are available. Contact ETC for available options. Use L5-15 plugs on branch circuits with L5-15 receptacles only.
 - F-Drive: Includes a yoke-mounted driver for use with the F-Drive family of products.
 - Line-dimmed: Includes a yoke-mounted driver, and has a permanently installed power cord with 3-prong Edison connector. Region-specific connectors are available. Contact ETC for available options. Use L5-15 plugs on branch circuits with L5-15 receptacles only.
- **Canopy:** Available in different control variants:
 - Line-dimmed
 - F-Drive

You must install a lens tube before you use the Source Four Mini LED. There are four lens tube sizes available: 19°, 26°, 36°, and 50°. See [Install a Lens Tube on page 9](#).



Safety



WARNING: Note the following safety warnings before use:

- Use the luminaire in dry locations only, where humidity does not exceed 90 percent (non-condensing).
- Do not mount the luminaire on or near a flammable surface.
- Check that the accessory holder is locked before mounting the luminaire.
- Do not operate the luminaire without a lens installed.
- Do not use this luminaire if a lens is deeply scratched or cracked. You must replace a lens when it is damaged.



AVERTISSEMENT : Prendre connaissance des avertissements de sécurité suivants avant toute utilisation :

- Ne pas installer le projecteur sur ou à côté d'une surface inflammable.
- Vérifiez que le porte-accessoires est verrouillé avant de monter le projecteur.
- N'utilisez pas le projecteur sans que la lentille soit installée.
- N'utilisez pas ce projecteur si la lentille présente des rayures ou des fissures profondes. Il faut remplacer la lentille si elle est abîmée.

IMPORTANT SAFEGUARDS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

- Keep lamp away from materials that may burn.
- Do not touch hot lens, guard, or enclosure.
- Do not remain in light if skin feels warm.
- Do not look directly at lighted lamp.

SAVE THESE INSTRUCTIONS

Line-Dimmed Canopy Luminaires



WARNING: RISK OF ELECTRIC SHOCK! Power must be off when you perform this procedure.

The luminaire must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations.

AVERTISSEMENT : RISQUE DE DÉCHARGE ÉLECTRIQUE!
L'alimentation doit être éteinte avant d'exécuter cette procédure.

Track Luminaires



WARNING: To reduce the risk of fire and electric shock, use the track-mount luminaire only with its designated track system (for example, OneTrack or DataTrack).

AVERTISSEMENT : Pour éviter le risque d'incendie ou de choc électrique, utiliser le luminaire à adaptateur pour rail uniquement avec son système de rail désigné (OneTrack ou DataTrack par exemple).



WARNING: Use the DataTrack track-mount luminaire with ceiling-mounted track only.

The following symbols may appear on product labeling.

| | | |
|--|---|---|
| | The luminaire must be installed at least 0.1 m (4.0 in) away from all lighted objects. | Le luminaire doit être installé à au moins 0,1 m (4,0 po) de tout objet éclairé. |
| | General warning | Avertissement général |
| | This product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling. | Ce produit ne doit pas être jeté avec les déchets ménagers mais doit être déposé dans une collecte de déchets électroniques ou dans un point de collecte. |
| | This product meets the safety requirements specified for Class III according to IEC 60536. | Produit à Protection Classe III Très basse tension conforme à la norme IEC 60536. |
| | The product input or output is suitable for direct current only. | L'entrée et la sortie de ce produit convient uniquement au courant continu. |

Help from ETC Technical Services

If you have questions that are not answered by this document, try the ETC support website at support.etcconnect.com or the main ETC website at etcconnect.com. If none of these resources are sufficient, visit etcconnect.com/contactETC and contact ETC Technical Services. Emergency service is available from all ETC offices outside of normal business hours.

When calling for help, take these steps first:

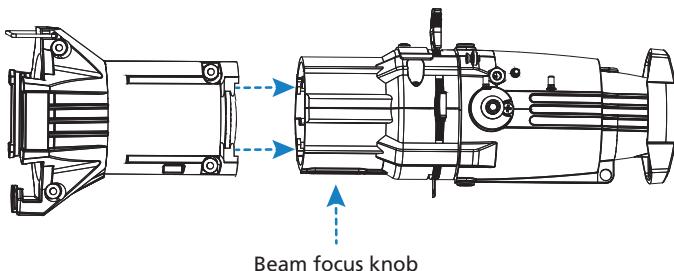
- Prepare a detailed description of the problem
- Go near the equipment for troubleshooting
- Find your ticket number if you have called in previously

Install a Lens Tube

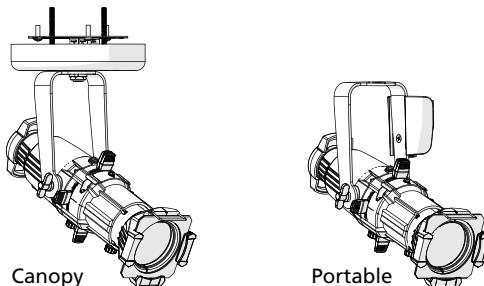
You must install a lens tube before you use the Source Four Mini LED. There are four lens tube sizes available: 19°, 26°, 36°, and 50°.

| Lens Tube | Description |
|-----------------|---|
| 4M19LT (-1, -5) | 19° Source Four Mini Lens Tube Only Black (White, Silver) |
| 4M26LT (-1, -5) | 26° Source Four Mini Lens Tube Only Black (White, Silver) |
| 4M36LT (-1, -5) | 36° Source Four Mini Lens Tube Only Black (White, Silver) |
| 4M50LT (-1, -5) | 50° Source Four Mini Lens Tube Only Black (White, Silver) |

1. Unscrew the beam focus knob from the loose lens tube.
2. Slide the lens tube into the shutter barrel.
3. Install the beam focus knob.



Install and Connect F-Drive Luminaires



Luminaire Wiring

Luminaire power and data in and out cables for the Source Four Mini LED Plus (F-Drive) terminate to RJ45 connectors. Please note the following requirements for wiring:

- Use 0.25 mm^2 (23 AWG) or larger gauge conductors in Category-type cable terminated to the T568B standard. Not all Cat5 or Cat6 cables meet this gauge requirement.
- You can connect up to four luminaires along one run of cable when using RJ45 output from a compatible output card or driver. The total cable distance for each wiring run should not exceed 100 m (328 ft). For more details, see the *F-Drive R12 and W1 Wiring Reference Guide*, available for download at etcconnect.com/F-Drive/Documentation.

Select the Driver



CAUTION: You must configure the channel on the driver to 450 mA or less. Connecting the luminaire to a channel that is configured for more than 450 mA will shorten the life of the luminaire LEDs and may void the luminaire warranty.

The Source Four Mini LED Plus (F-Drive) luminaire is compatible with the F-Drive R12 CC-150 output card, the F-Drive W1 CC driver, or the F-Drive RX CC 8 card. Set the output channel for the luminaire to 450 mA or less. Be aware that:

- Luminaires that are not in the "Plus" family of products may have lower maximum driver settings. Check the product labeling to verify the maximum driver settings.

For more information about compatible products, see the resources below, which are available for download at etcconnect.com/F-Drive/Documentation:

- *F-Drive Series R12 Installation Manual*
- *F-Drive Series W1 Installation Manual*
- *F-Drive R12 and W1 Wiring Reference Guide*
- *F-Drive B-Box4 Installation Guide*

The F-Drive System Design Tool is available at etcconnect.com/FDriveSysDesignTool.

RJ45 Pinout Information

In Port

| Pin | Description |
|-----|-------------|
| 1 | - * |
| 2,6 | THRU 1 ** |
| 3,7 | THRU 2 ** |
| 4,8 | THRU 3 ** |
| 5 | + * |

*Pins 1 and 5 receive power from the source or the previous luminaire in line.

**These pins pass through power to the next luminaires in line.

Out Port

| Pin | Description |
|-----|---------------|
| 1,5 | THRU 1 |
| 2,6 | THRU 2 |
| 3,7 | THRU 3 |
| 4,8 | No Connection |

Use of Third-Party Drivers with Daisy-Chained Luminaires

Source Four Mini LED Plus (F-Drive) luminaires can be controlled by third-party Class 2 or Low Voltage Limited Energy (LVLE) drivers that provide a maximum of 48 VDC. To daisy-chain luminaires and still have independent channel functionality, you must wire the first luminaire in the chain as described below. (The RJ45 outputs on F-Drive natively support this wiring configuration.) Configure the drivers to a maximum of 450 mA.

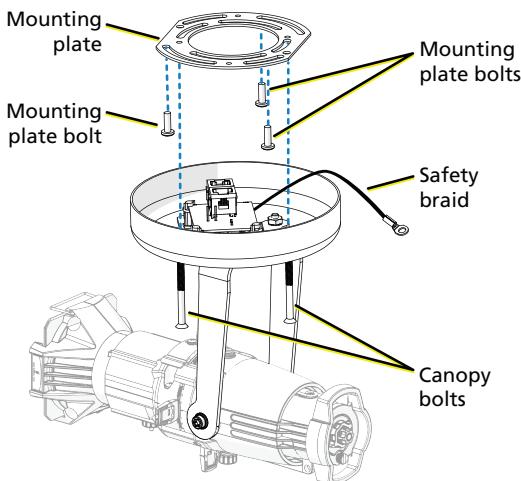
| Channel | Input Pins for First Luminaire in Daisy-Chain | Description |
|-------------------------|---|-------------|
| 1 (First luminaire) | 1 | Channel 1 - |
| | 5 | Channel 1 + |
| 2 (Second luminaire) | 2 | Channel 2 - |
| | 6 | Channel 2 + |
| 3 (Third luminaire) | 3 | Channel 3 - |
| | 7 | Channel 3 + |
| 4 (Fourth luminaire) | 4 | Channel 4 - |
| | 8 | Channel 4 + |

After wiring the first luminaire as noted above, you can daisy-chain additional luminaires following the cable connection information in [Luminaire Wiring on page 10](#).

Install Canopy Luminaire (F-Drive)



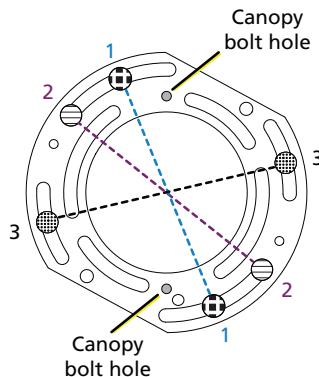
Note: The canopy luminaire can be installed directly on 4 in and 4-11/16 in back boxes, or on back boxes with round cover plates. The canopy luminaire cannot be installed on 1-gang back boxes or trim rings.



1. Remove the mounting plate from the luminaire by removing the two canopy bolts.
2. Using two of the mounting plate bolts, secure the mounting plate to the installed back box (not included).

Mounting plate installation detail

Install the mounting plate screws in one of the three position-pairings shown.



3. Place the copper safety braid loop over the third mounting plate bolt, and then attach the mounting plate bolt to the back box to help secure the fixture during installation.
4. Connect a power and data in cable from the driver or ETC breakout box to the "IN" port on the luminaire. If you are daisy-chaining luminaires, be careful to connect the cables to the correct "IN" and "OUT" ports. (The cable from the "OUT" port on one luminaire connects to the "IN" port of the next luminaire.) Incorrect connections will result in improper operation of the luminaires.
5. Use the canopy bolts to secure the luminaire to the mounting plate.
6. Open all four shutter blades by sliding them outward until they stop.
7. Focus the luminaire as needed. See [Focus and Setup on page 28](#).

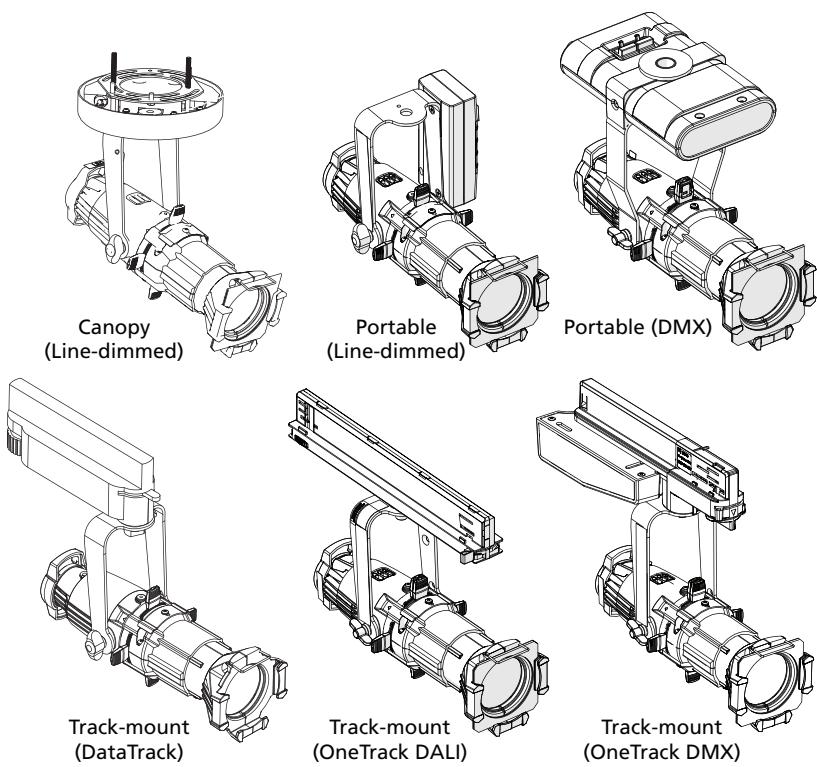
Connect Portable Luminaire (F-Drive)



Note: For the portable luminaire, use an M10 bolt to secure a clamp (provided separately, part number [HW7378](#)) to the luminaire.

1. Connect a power and data in cable from the driver or ETC breakout box to the "IN" port on the luminaire. If you are daisy-chaining luminaires, be careful to connect the cables to the correct "IN" and "THRU" ports. (The cable from the "THRU" port on one luminaire connects to the "IN" port of the next luminaire.) Incorrect connections will result in improper operation of the luminaires.
2. Open all four shutter blades by sliding them outward until they stop.
3. Focus the luminaire as needed. See [Focus and Setup on page 28](#).

Install and Connect All Other Luminaires



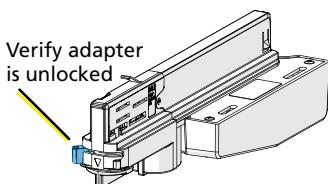
Install OneTrack (DMX) Luminaire



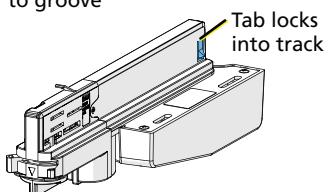
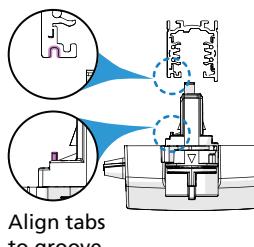
WARNING: To reduce the risk of fire and electric shock, use the track-mount luminaire only with its designated track system (for example, OneTrack or DataTrack).

AVERTISSEMENT : Pour éviter le risque d'incendie ou de choc électrique, utiliser le luminaire à adaptateur pour rail uniquement avec son système de rail désigné (OneTrack ou DataTrack par exemple).

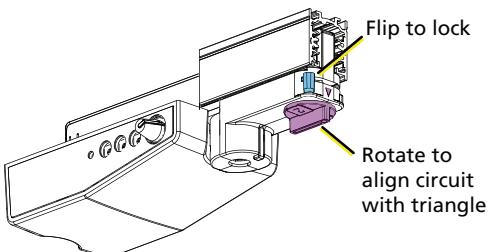
1. Before you begin, verify that the adapter is unlocked. (Images at right show just the OneTrack adapter.)



2. Orient the adapter to the track as shown at right, and then insert the adapter into the track. Orient the adapter so that the two tabs are aligned with the groove in the track, and then insert the adapter into the track. The tab at the end of the adapter locks into the track when the fixture is fully seated.



3. Flip the locking tab to the opposite side to lock the adapter, and then rotate the circuit selection knob to select the correct circuit.
4. Focus the luminaire. For the DMX luminaire, see the configuration instructions in [Configure DMX Luminaires on page 24](#).



Install OneTrack (DALI) Luminaire

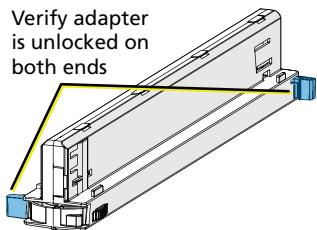


WARNING: To reduce the risk of fire and electric shock, use the track-mount luminaire only with its designated track system (for example, OneTrack or DataTrack).

AVERTISSEMENT : Pour éviter le risque d'incendie ou de choc électrique, utiliser le luminaire à adaptateur pour rail uniquement avec son système de rail désigné (OneTrack ou DataTrack par exemple).

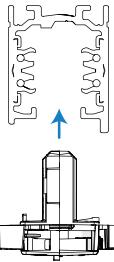
1. Before you begin, verify that the adapter is unlocked on both ends. (Images at right show just the OneTrack adapter.)

Verify adapter is unlocked on both ends



2. Orient the adapter to the track as shown at right, and then insert the adapter into the track.

Align adapter to track

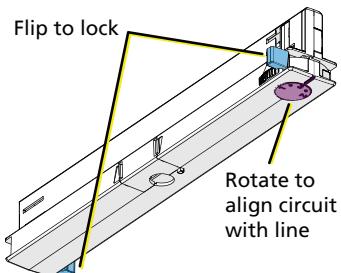


WARNING: When using the circuit selection lock, ensure that the selected circuit is a constant power circuit. Selecting a dimmable circuit may cause luminaire damage that will void the ETC warranty.

3. Flip the locking tabs to the opposite sides to lock the adapter, and then rotate the circuit selection knob to select the correct circuit. For OneTrack (DALI) luminaires, select circuit 1.

4. Focus the luminaire.

Flip to lock



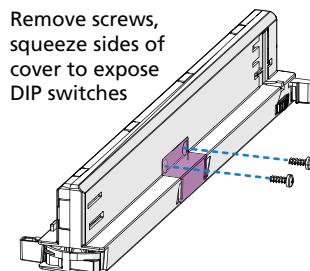
Modify the Drive Current



CAUTION: You must set the OneTrack (DALI) drive current to 450 mA or less. Setting the drive current to more than 450 mA will shorten the life of the luminaire LEDs and may void the luminaire warranty.

The OneTrack (DALI) luminaire is set to 450 mA, but you can modify the drive current to a lower setting if needed using DIP switches on the OneTrack adapter.

1. Remove the screws on the side of the OneTrack adapter, and then squeeze the sides of the cover to remove it.
2. Use the information on the luminaire label to set the DIP switches to the desired setting. Do not exceed 450 mA.
3. Reinstall the cover and secure it with the screws.



Install DataTrack Luminaire



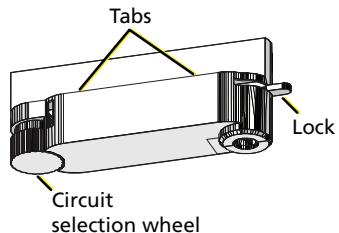
WARNING: To reduce the risk of fire and electric shock, use the track-mount luminaire only with its designated track system (for example, OneTrack or DataTrack).

AVERTISSEMENT : Pour éviter le risque d'incendie ou de choc électrique, utiliser le luminaire à adaptateur pour rail uniquement avec son système de rail désigné (OneTrack ou DataTrack par exemple).



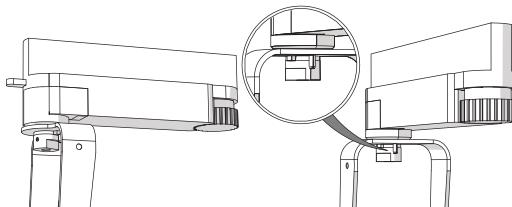
WARNING: Use the DataTrack track-mount luminaire with ceiling-mounted track only.

1. Insert the DataTrack adapter into the track. The adapter only fits into the track one way with the tabs nesting into the track's groove.
2. Rotate the locking mechanism to lock the adapter into place.



3. Use the circuit selection lock to select the circuit. The desired circuit number should point toward the center of the adapter.
4. Focus the luminaire.
5. Lock the luminaire into place using the yoke lock.

Cable protection posts on both the yoke lock and the yoke prevent the luminaire from rotating a full 360°. To lock the yoke in place use a 1.5 mm hex key.



Use with HALO Miniature Trac or GLOBAL Trac Pro

ETC offers the option of custom-ordering the Source Four Mini LED luminaire with track adapters that are compatible with the following track systems (even though these track systems are not available from ETC):

- HALO® Miniature Trac systems (not compatible with HALO TEK or HALO Lazer-Trac systems)
- GLOBAL Trac® Pro systems

To use the GA69 adapter with the Source Four Mini LED luminaire in a GLOBAL Trac Pro installation, consult the user documentation provided with that system.

To use the AD1 adapter with the Source Four Mini LED luminaire, push the tab on the adapter to the lower position (see image at right).

To install a luminaire with the AD1 adapter:

1. Pull back on the retaining sleeve.
2. Insert the adapter into the track with the gold tabs parallel to the track.
3. Release the sleeve and rotate until you feel the adapter snap securely into place.



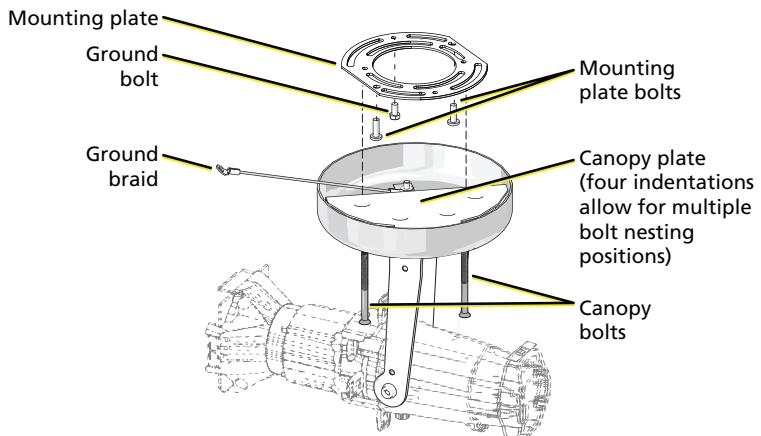
Install Canopy Luminaire (Line-Dimmed)



WARNING: RISK OF ELECTRIC SHOCK! Power must be off when you perform this procedure.

The luminaire must be installed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations.

AVERTISSEMENT : RISQUE DE DÉCHARGE ÉLECTRIQUE!
L'alimentation doit être éteinte avant d'exécuter cette procédure.

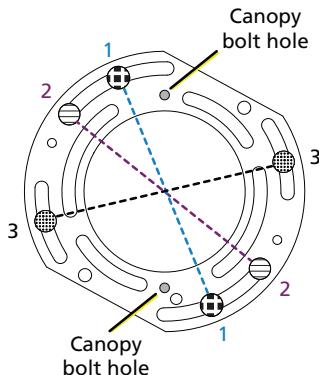


1. Remove the mounting plate from the luminaire by removing the two canopy bolts and the ground bolt. Set the ground bolt aside.
2. Using the mounting plate bolts, secure the mounting plate to the installed back box (not included).



CAUTION: The canopy plate has built-in indentations allowing the mounting plate bolts to nest into the canopy plate. For an ideal flush-mount installation, you may need to rotate the plate to accommodate these indentations. See the following image.

Mounting plate installation detail



Install the mounting plate screws in one of the three position-pairings shown. Only the slots on the outer circumference will allow a true flush mounting.

3. Place the copper ground braid loop over the ground bolt and attach the ground bolt to the back box.
4. Connect the building ground wire to the ground wire on the luminaire, following local electrical codes.
5. Connect the supply power wires to the luminaire wiring using the included WAGO® connectors.
 - For 120 V luminaires: Connect the black wire to line and the white wire to neutral.
 - For 230 V luminaires: Connect the brown wire to line and the blue wire to neutral.
6. Use the canopy bolts to secure the luminaire to the mounting plate.
7. Open all four shutter blades by sliding them outward until they stop.
8. Install a gobo and gel as desired and confirm that they are properly secured.
9. Restore power at the disconnect device.
10. Focus the luminaire as needed.

Connect Cables to Portable Luminaire (DMX)

1. Connect RJ45 data cables to the top of the driver box, one for data in and one for data thru (in either position), as needed.
 - To order RJ45-to-socket XLR adapter, use part number [W6538](#).
 - To order RJ45-to-plug XLR adapter, use part number [W6539](#).
2. Connect the luminaire to the power source.



Note:

- *The Source Four Mini LED is not self-terminating. You must terminate the last luminaire in line with a 120 Ohm resistor. Please contact your ETC customer service representative to purchase part number [N4086](#).*
- *No more than 32 DMX devices can be daisy-chained together on a single run. For runs of luminaires totaling more than 32 DMX devices, use a DMX splitter to split the DMX runs.*
- *When using DMX over Cat5, use Cat5e or better. Cable distance must not exceed 300 m (1000 ft).*
- *The Source Four Mini LED cannot be controlled via network protocols and should not be connected to a system network.*

Portable Luminaire DMX Pinout

| Pin | Wire Color | Description |
|-----|--------------|---------------|
| 1 | White/Orange | DMX1 + |
| 2 | Orange | DMX1 - |
| 3 | White/Green | DMX2 + |
| 4 | Blue | Not Connected |
| 5 | White/Blue | Not Connected |
| 6 | Green | DMX2 - |
| 7 | White/Brown | Iso Common |
| 8 | Brown | Iso Common 2 |

Configure DMX Luminaires

Set the DMX Address at the Luminaire

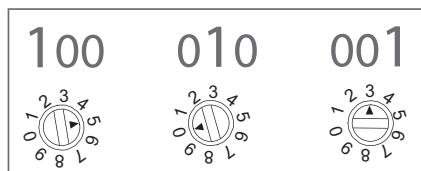
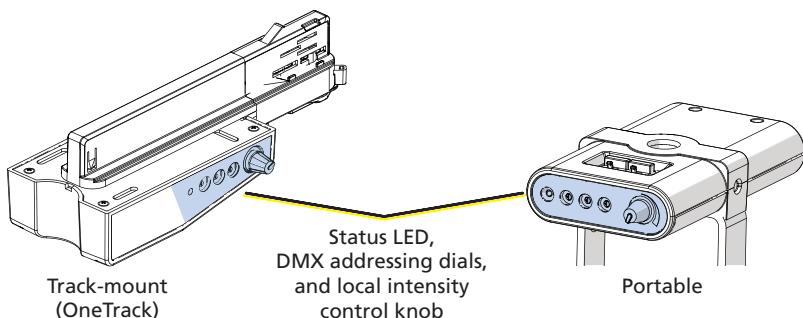
You can set the DMX address using RDM, but you can also set the DMX address on the luminaire itself, if necessary. The luminaire uses the last address that you set, regardless of whether you set it via RDM or locally on the luminaire.

There are three addressing dials on the track adapter (track-mounted luminaire) or on the driver box (portable luminaire). To set the DMX address, use a small flatblade screwdriver to move the arrow to the desired address number.

DMX addresses must be set between 1 and 512. Each luminaire must be considered a separate DMX device for the purpose of DMX line-loading calculations. The Source Four Mini LED has one DMX channel, which controls intensity.



Note: When using RDM with track-mounted luminaires, ETC recommends connecting no more than 20 luminaires on a single run.



In this addressing example, the luminaire is addressed to 503.

Alternative DMX Addressing Functions

Certain DMX addresses are reserved for special functions. Addresses 700 and above can be used for setting the intensity level of the luminaire. The second and third address numbers set the intensity level. The intensity knob is ignored when using these DMX addresses. See the following table for examples.

| DMX Address | Function |
|-------------|-------------------|
| 701 | Intensity at 1% |
| 710 | Intensity at 10% |
| 725 | Intensity at 25% |
| 799 | Intensity at 99% |
| 800 | Intensity at 100% |

Adjust the Local Intensity

A local intensity knob is located on the track adapter. See the illustration in [Set the DMX Address at the Luminaire on page 24](#).

You can adjust the local intensity with or without DMX being present.

- When DMX is not present, you can control the intensity.
- When DMX is present, you can set the maximum light output. Dimming will be proportional in relation to that setting. When the local intensity is set to Off, the maximum light level over DMX is 100%.
- When DMX is lost and the local intensity is set to Off, the light will go dark.
- When DMX is lost and the local intensity is set to a level greater than 0, the light goes to the level of the local intensity setting.

Status LED

The status LED indicates the DMX status. When DMX is present, the LED turns on for 10 seconds, and then it turns off.



Note: *A change to the DMX start address, the local intensity, or the presence of DMX will "wake" the status LED.*

When the local intensity is set to Off, the status LED will flash when there is a loss of DMX.

With the local intensity set to any other position, the status LED will flash for 10 seconds when there is a loss of DMX. Then the LED will turn off.

RDM Values

| Parameter | RDM PID | Value |
|-------------------|---------|---|
| Manufacturer ID | 0x6574 | Electronic Theatre Controls |
| DMX Start Address | 0x00F0 | Range = 1–512 |
| Personality ID | 0x00E0 | 1=DMX 2=Local |
| Output Frequency | 0x8123 | 0 = Standard (1.2 kHz) 1 = High (25 kHz) |

Initial Power Up

DMX Luminaires

Control and configure the luminaire over a DMX/RDM control network or directly from a connected computer running appropriate software. When controlling the luminaire directly from a PC, a Gadget II interface or DMX/RDM gateway is required.



Note: *Changing the address via RDM will override the local DMX addressing dials. However, if you change the addressing dials after you set the address via RDM, the addressing dials will override the RDM setting. See [Set the DMX Address at the Luminaire on page 24](#).*

Identify

You can send an identify command using ETC Concert or a third-party RDM controller. Luminaires will respond to an RDM identify command by blinking on and off: 500 ms on, 500 ms off, until the identify command is ended.

F-Drive Luminaires

1. Verify that each luminaire is connected to a Constant Current (CC) driver or output card before you power up the luminaires. See the installation manual for your F-Drive for more compatibility information (etcconnect.com/F-Drive/Documentation).
2. Use Concert to verify that each CC channel is set to output a maximum of 450 mA.
3. Refer to the installation manual for your F-Drive for information about the power up procedure for the driver.

Identify

You can send an identify command to individual channels using ETC Concert or a third-party RDM controller. Luminaires connected to an F-Drive will respond to an RDM identify command by blinking on and off: 500 ms on, 500 ms off, until the identify command is ended. See the F-Drive Device Package Help in Concert or the installation manual for your F-Drive for information about this RDM command.

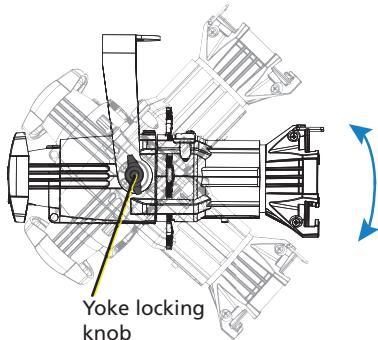
Focus and Setup

Images in this section show the Source Four Mini LED luminaire body and yoke only.

Adjust the Tilt

Image shows the yoke from the canopy version of the fixture.

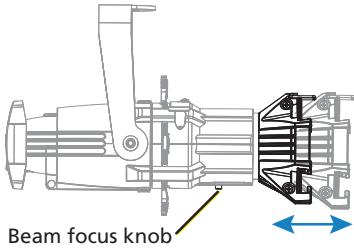
1. Loosen, but do not remove the yoke locking knob.
2. Tilt the luminaire as needed.
3. Tighten the yoke locking knob.



Focus the Beam

Image shows the yoke from the canopy version of the fixture.

Loosen the beam focus knob, adjust the lens tube position as needed, and then tighten the knob.

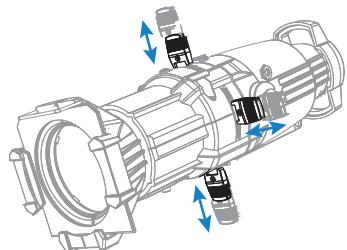


Shape the Beam

You can shape the beam using the four shutters or with a pattern.

Shape the Beam with Shutters

The luminaire has four shutters: left, right, top, and bottom. Each shutter can be pulled out or pushed in to create the desired beam shape.

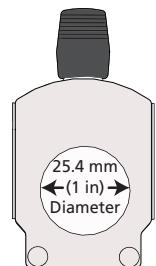


Shape the Beam with a Pattern

The luminaire has a pattern-holder slot on the top side of the shutter barrel, in front of the shutter. It accommodates a glass or stainless steel E-size (37.5 mm with a 25.4 mm image area) pattern. The maximum pattern thickness that can be accommodated is 1.1 mm (0.04 in).

Use an optional donut in the color frame holder to enhance pattern projection.

When the slot is not in use, a small sheet metal cover secured with a Phillips screw prevents light leakage.



1. Use a Phillips screwdriver to loosen the screw on the slot cover. Do not remove the screw.
2. Slide the cover knob on the luminaire completely to the side to expose the slot.
3. Insert the pattern holder.
4. Slide the slot cover back toward the shutters until it meets the pattern handle. Leave enough space to move the handle.
5. Secure the slot cover by tightening the screw.

Use the Color Frame Holder

The Source Four Mini LED comes equipped with a color frame (either 70 mm or 2 3/4 in), which is a metal frame used to hold color media (often referred to as gel) in front of the lens. The color frame holder is equipped with a retaining clip that prevents the color frame from falling out.

Additional accessories are available that also fit into the color frame holder: top hat, short top hat, half hat, short half hat, and donut. When you use an accessory, install the color frame in the rear slot of the holder.



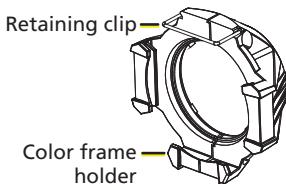
WARNING: Check that the accessory holder is locked before mounting the luminaire.

AVERTISSEMENT : Vérifiez que le porte-accessoires est verrouillé avant de monter le projecteur.



Note: *The color frame should be inserted with the open side down.*

1. Release the retaining clip by gently pushing it up.
2. Insert the color frame.
3. Lock the retaining clip by gently pushing it down.



Clean the Lens



WARNING: Do not use ammonia-based cleaners or other harsh commercial cleaners. Clean lens only as directed.

Commercially available glass cleaning agents should be avoided as they may contain ammonia, other harsh chemical detergents, or abrasive agents. These cleaners may damage the lens surface. Do not immerse or soak the lens in any cleaning solution.

1. Remove the beam focus knob from the shutter barrel.
2. Remove the lens tube from the shutter barrel.
3. Remove dust with a blast of oil-free air or wipe with a clean, lint-free cloth.
4. Slide the lens tube back into the shutter barrel with the color frame retainer clip on the top.
5. Reinstall the beam focus knob.

Specifications and Compliance

For current and complete compliance and specifications, see the Source Four Mini LED datasheet at etcconnect.com.

FCC Compliance

Source Four Mini LED

(For any FCC matters):

Electronic Theatre Controls, Inc.
3031 Pleasant View Road
Middleton, WI 53562
+1 (608) 831-4116
etcconnect.com

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. Visit etcconnect.com/products for current and complete compliance information including FCC compliance.



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 instructions, may cause harmful interference to radio communications. Any modifications or changes to this product not expressly approved by Electronic Theatre Controls, Inc. could void the user's authority to operate the product. 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 their own expense.*



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