Installation Safety Precautions

Unicab 2 Series Fixtures

Safety Precautions

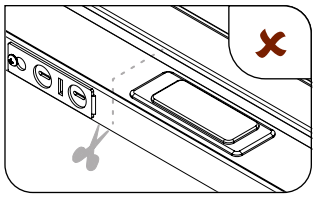
VOLTAGE

Hazardous voltage present. Please verify voltage prior to connecting and install per state and local codes.



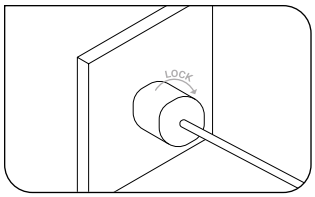
PRODUCT MODIFICATIONS

Product is NOT to be modified in the field. Modifications will void ETL listing and warranty.



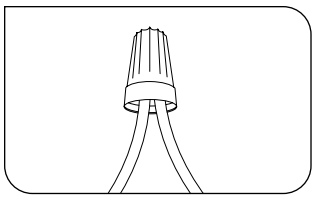
SECURE CONNECTIONS

Ensure all electrical connections are insulated and secure before applying power.



PROPER CONNECTIONS

Connect power feed to appropriate power source or controls.



KELVIX ACCESSORIES

The use of third-party accessories must be pre-approved by Kelvix. Failure to do so will void manufacturer warranty.



a) READ AND FOLLOW ALL SAFETY INSTRUCTIONS
b) Hazardous voltage present. Please verify voltage prior to connecting and install per state and local codes.
c) Verify circuits are de-energized before beginning work.
d) Hardwire connections must be installed in accordance with national and local electrical codes.
e) Modifying the fixture or cables will void the factory warranty.
f) This fixture cannot be installed vertically.

Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.

Fixture Type _____

Project Name _____

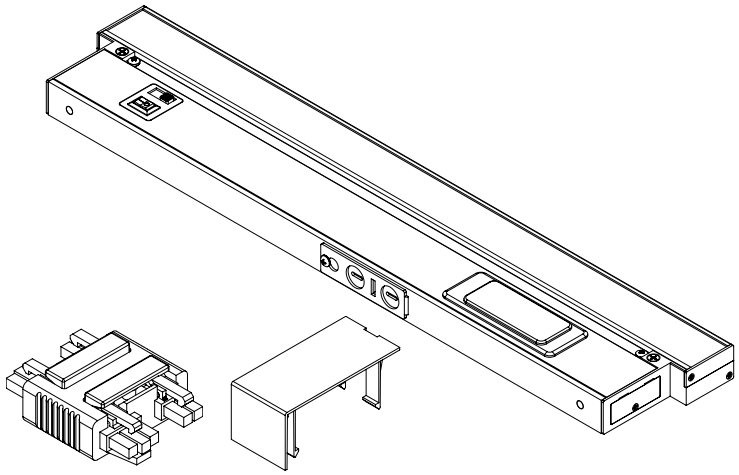
Location _____

Pre-Installation Guide

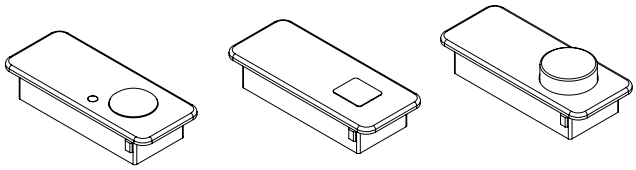
Unicab 2 Series Fixtures

1 Carefully unpack fixture and accessories from plastic wrap. Lay out all parts and inspect to ensure units were not damaged during transit, operate correctly, and the quantity matches the order.

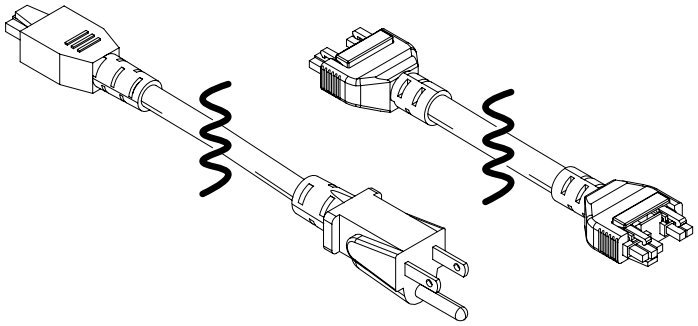
INCLUDED IN UNICAB 2 FIXTURE:



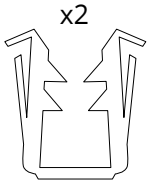
CONTROL MODULES: (SOLD SEPARATELY)



UNICAB 2 JUMPER AND PLUGIN FEED: (SOLD SEPARATELY)

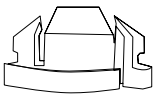


INCLUDED IN HARDWARE KIT:



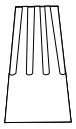
x2

Metal Knock-out Wire Clip



x2

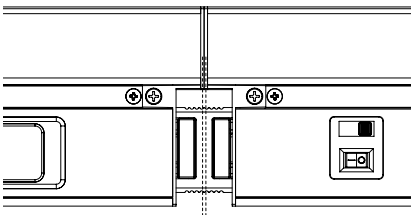
Plastic Knock-out Wire Clip



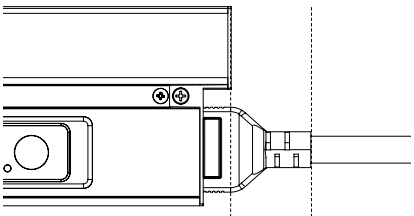
x2

Wire Nut

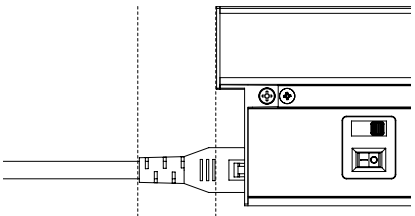
2 Verify that the area of desired installation location has sufficient space for jumpers, plugin feeds, and connectors



Added Length: (0.0mm)



Added Length: 1.39in (35.52mm)



Added Length: 1.35in (34.50mm)

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Fixture Type _____

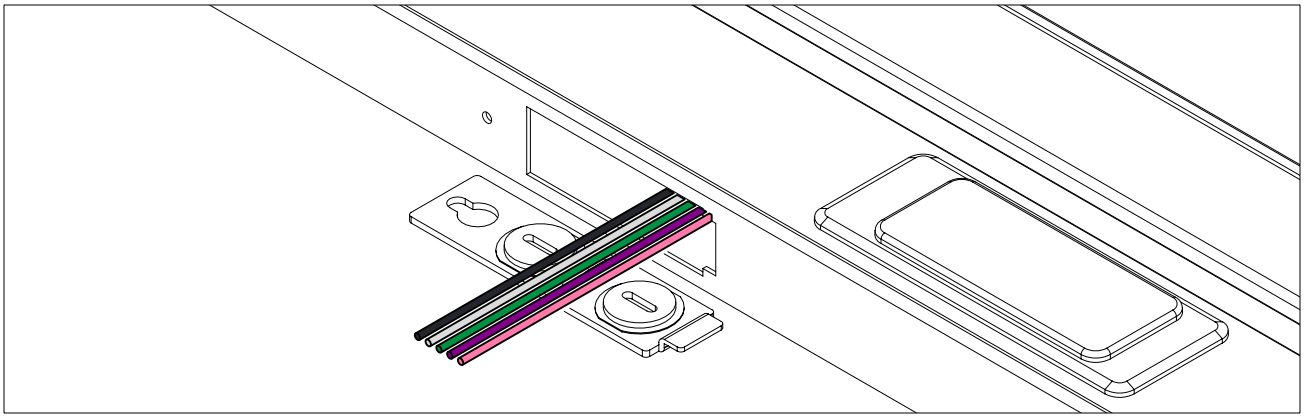
Project Name _____

Location _____

Pre-Installation Guide

Unicab 2 Series Fixtures

3 For hardwiring, remove back plate to expose connecting wires.
Make electrical connections using wire nuts and quick connectors.



3a For power connections:

Black Wire
White Wire
Green Wire

- Connect the 120/277 VAC line (hot) wire to the black fixture wire.
- Connect the 120/277 VAC neutral wire to the white fixture wire.
- Connect the grounding equipment conductor (ground) to the green fixture wire.

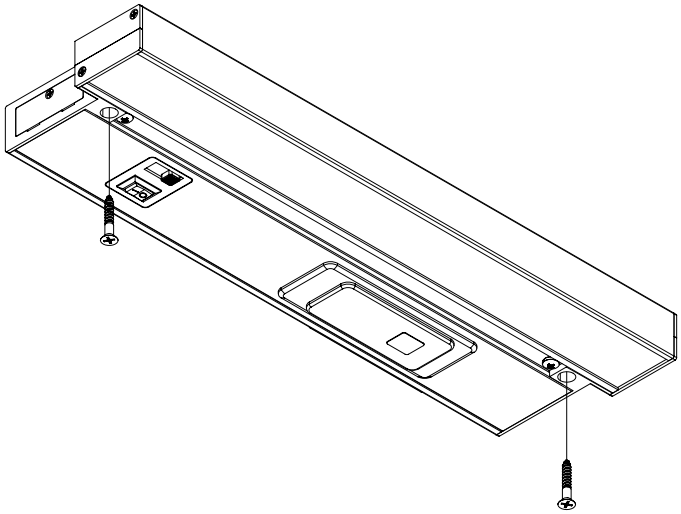
3b For 0-10V dimming connections:

Note: 0-10V control conductor colors may vary by control manufacturer. Verify polarity before making connections.

Purple Wire
Pink Wire

- Connect the 0-10V positive (+) conductor to the purple fixture wire.
- Connect the 0-10V negative (-) conductor to the pink fixture wire.

4 Secure the fixture using the captive screws in the spots shown below:



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Fixture Type _____

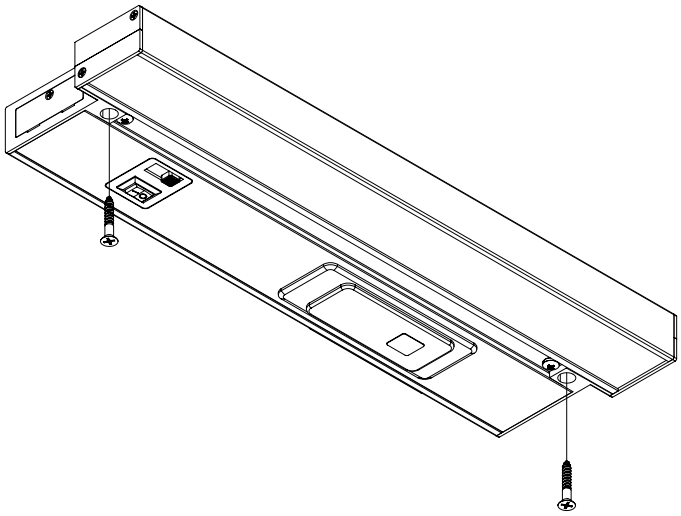
Project Name _____

Location _____

Installation Guide

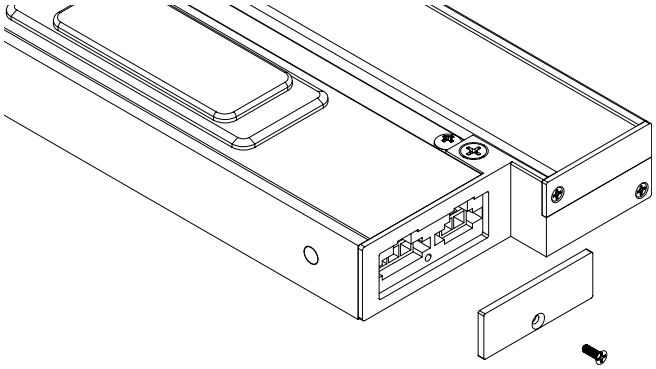
Unicab 2 Multi-Fixture, Flush Connection

1 Mount fixture to desired surface with captive screws in the spots shown below

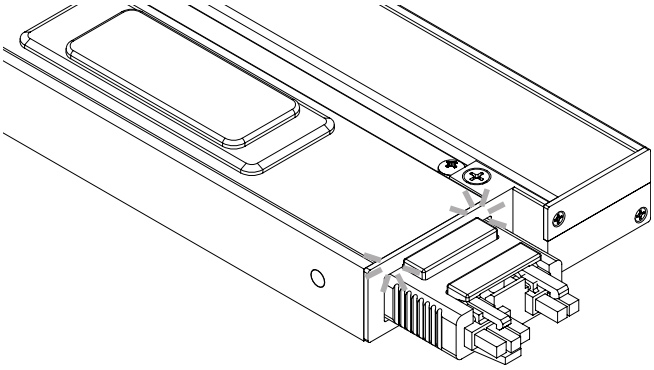


2 If joining multiple fixtures for a flush connection:

2a Remove the Electrical Port Covers for each fixture.



2b Insert the included connector into the first fixture.



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Fixture Type _____

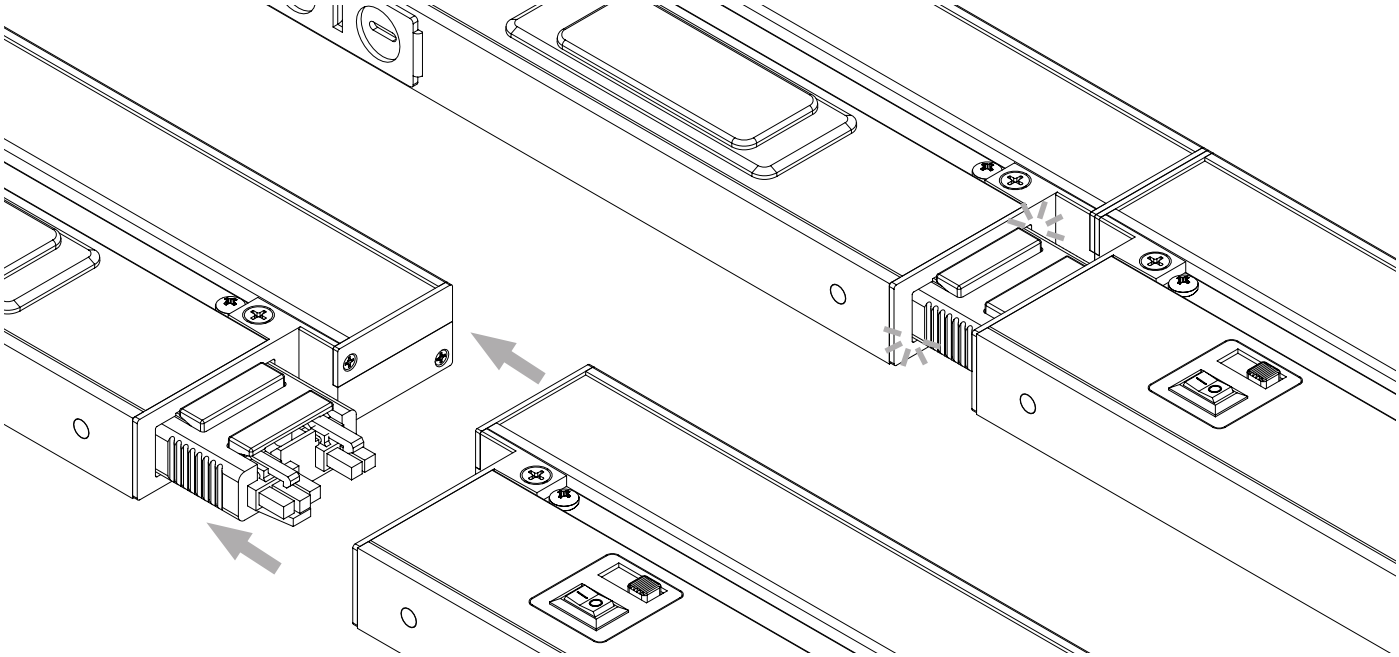
Project Name _____

Location _____

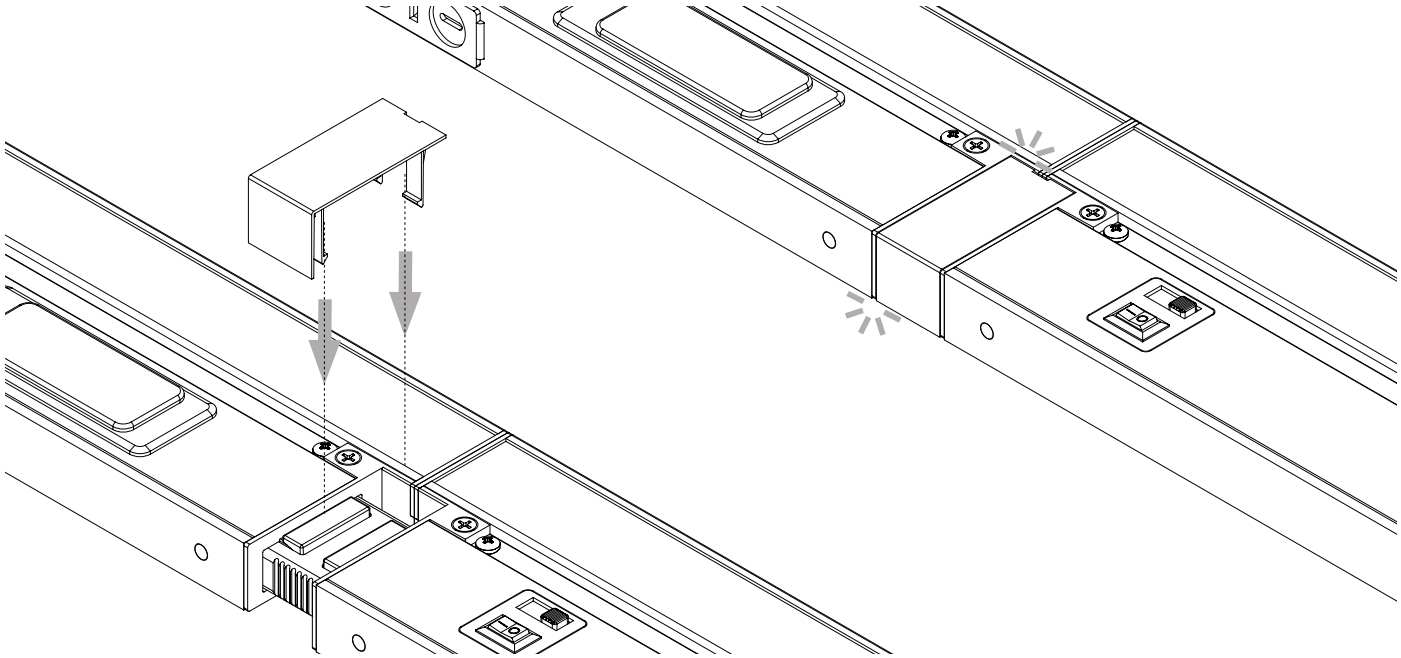
Installation Guide

Unicab 2 Multi-Fixture, Flush Connection

3 Connect the second fixture by clicking it into the first fixture. The fixture will only connect in one orientation.



4 Connect the second fixture by clicking it into the first fixture. The fixture will only connect in one orientation.



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Fixture Type _____

Project Name _____

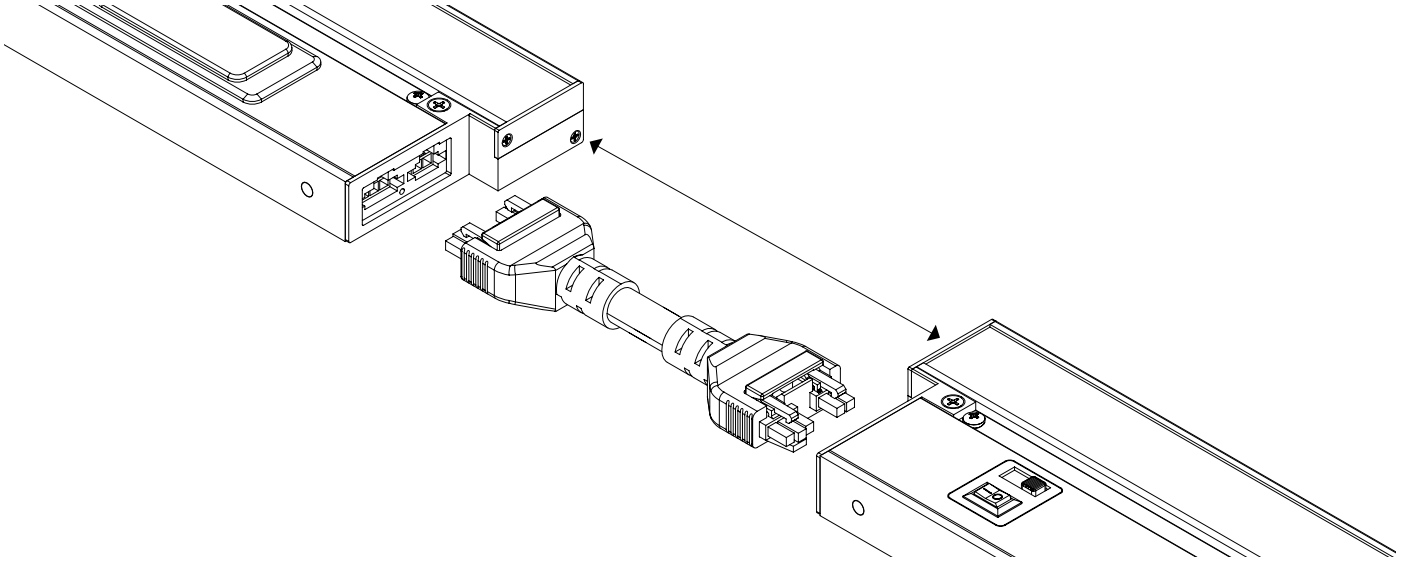
Location _____

Installation Guide

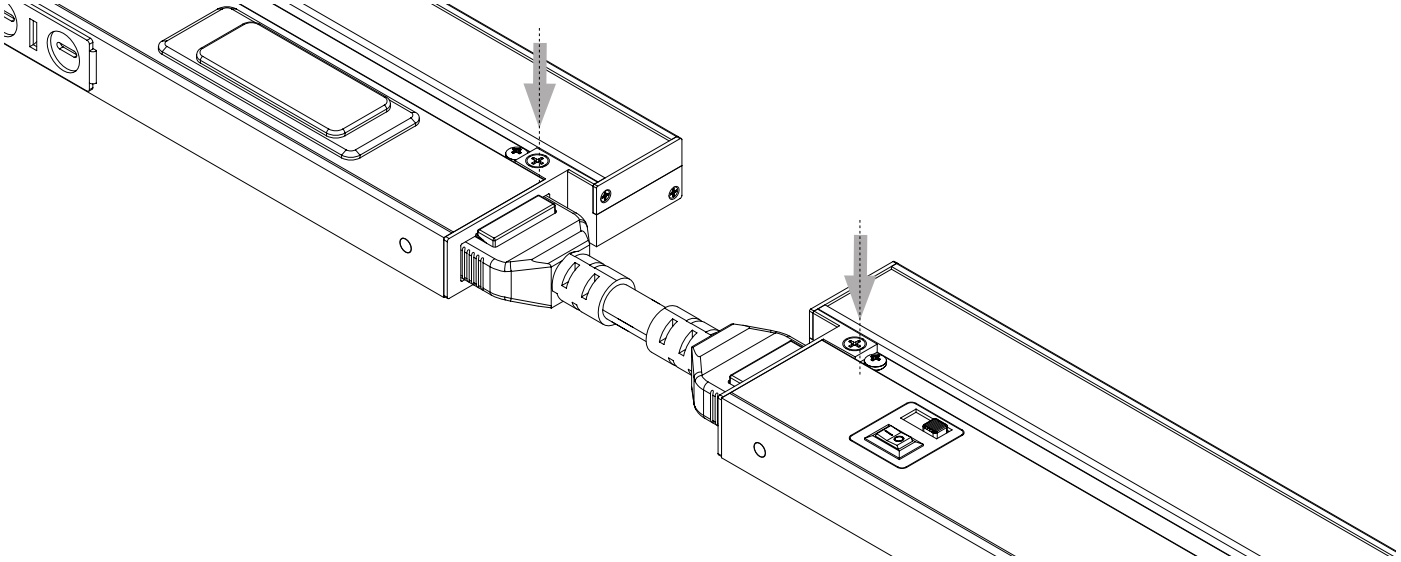
Unicab 2 Multi-Fixture, Jumper Cable

1 If joining multiple fixtures using a jumper cable:

2 Place fixtures in the desired positions ensuring that the jumper will reach both fixtures before mounting.



3 Mount fixture to desired surface with captive screws in the spots shown below



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Fixture Type _____

Project Name _____

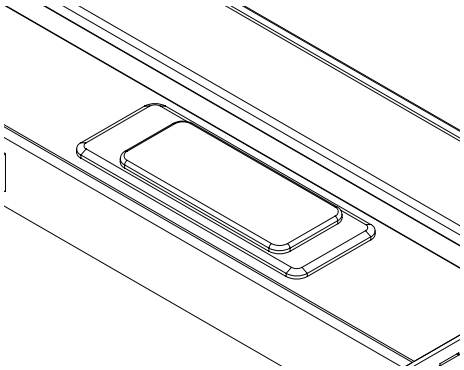
Location _____

Installation Guide

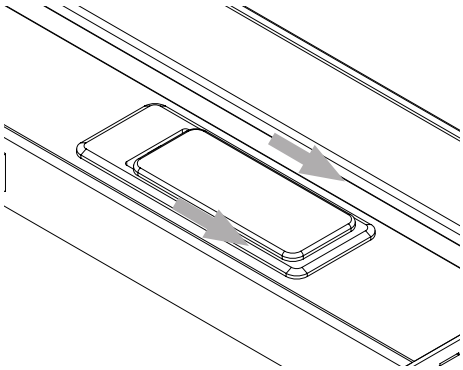
Unicab 2 Module Install and Remove

FOR INSTALLING THE MODULE INTO THE FIXTURE:

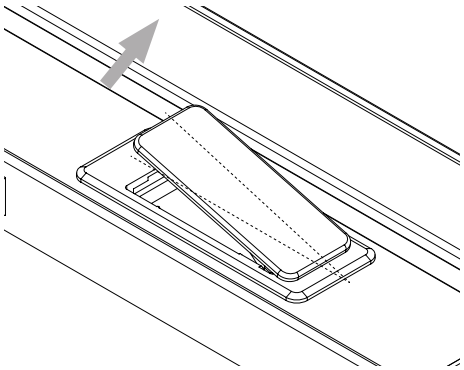
1 Remove module cavity cover from unpowered fixture



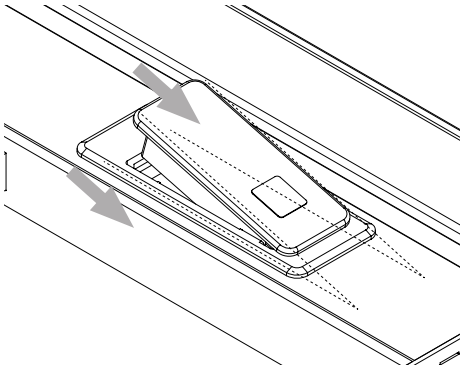
1a Slide cavity cover forward



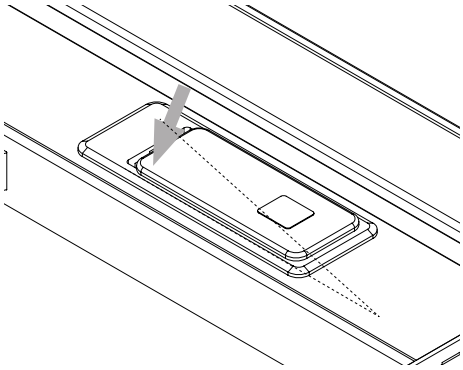
1b Lift cavity cover up, and remove it



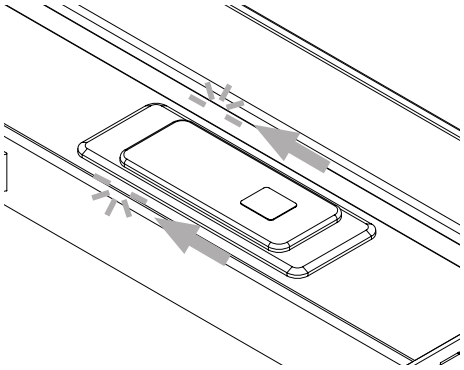
2a Insert module at an angle



2b Press module down into fixture



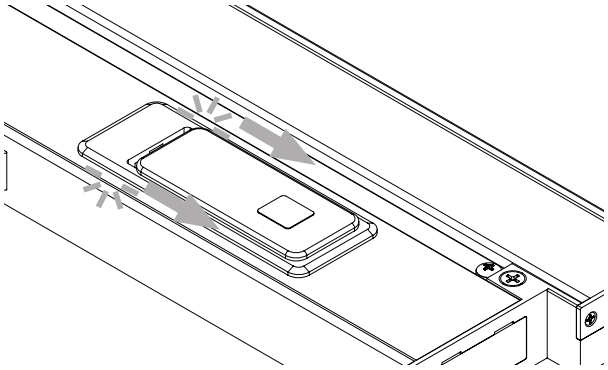
2c Slide module towards center of fixture until a click sound is heard.



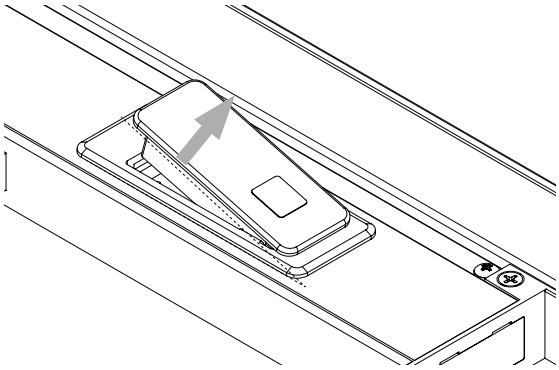
FOR REMOVING THE MODULE FROM THE FIXTURE:

1 Put the fixture unit on a flat surface with light and modules faced upwards and unpowered.

1a Press on the flat area of the module and slide away from the center of the fixture, until a click sound is heard.



1b Once the module is released, carefully remove the module from the fixture body.



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Fixture Type _____

Project Name _____

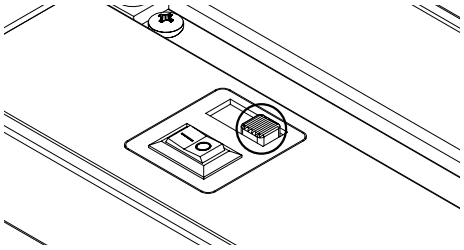
Location _____

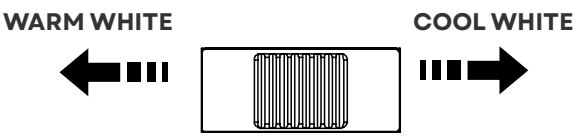
Installation Guide

Unicab 2 Fixture with Module(s)

FOR USING CCT SWITCH:

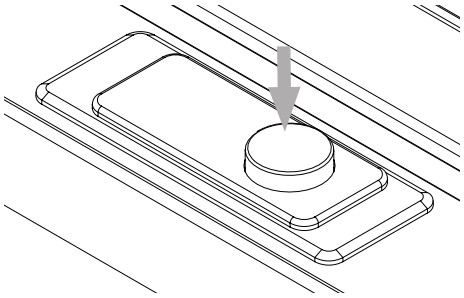
1 Slide the switch to your desired color temperature (far left for warm white, far right for cool white)



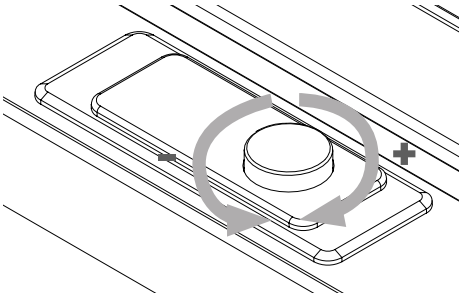


FOR USING DIMMING MODULE:

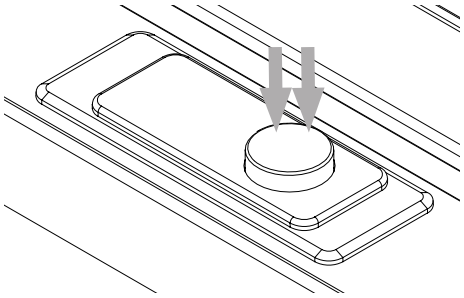
1 Short click knob to turn on the fixture.



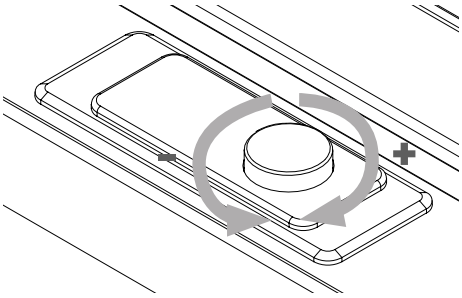
1a
- Rotate clockwise to increase brightness
- Rotate counterclockwise to decrease brightness.



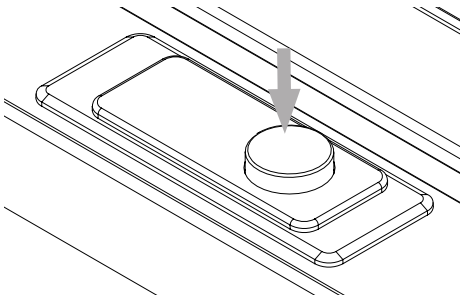
2 Double click to enter CCT control mode



2a
- Rotate clockwise to increase CCT.
- Rotate counterclockwise to decrease CCT.



3 Long click knob to turn on or off night light (Module Light)



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Fixture Type _____

Project Name _____

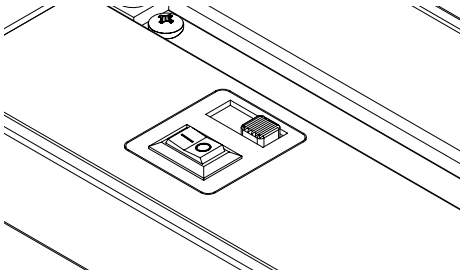
Location _____

Installation Guide

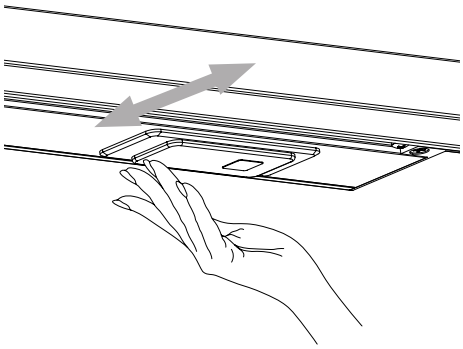
Unicab 2 Handwave Module

FOR USING HANDWAVE SENSOR:

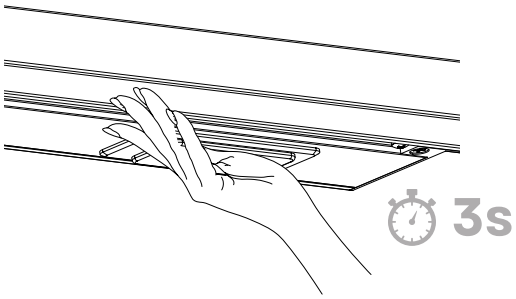
1 Flip the fixture power switch to on the fixture.



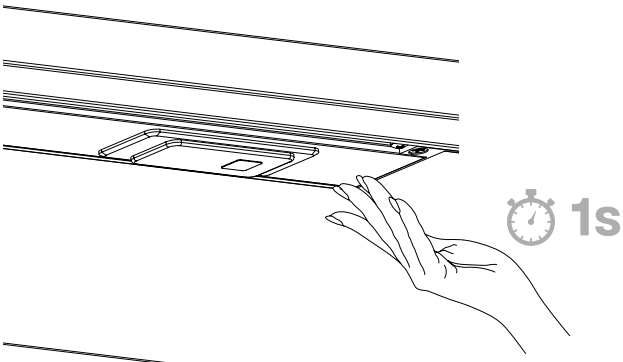
2 To toggle the light on/off, wave hand under the sensor once.

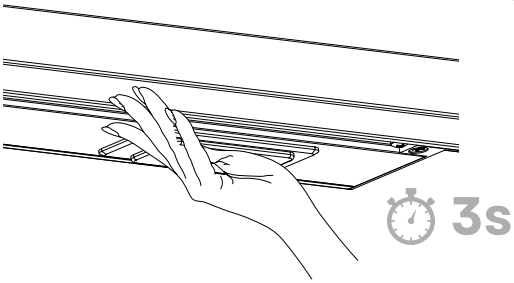


3 To adjust the brightness level, cover the sensor for more than 3 seconds. The brightness will continuously step up or down until the minimum or maximum level is reached.



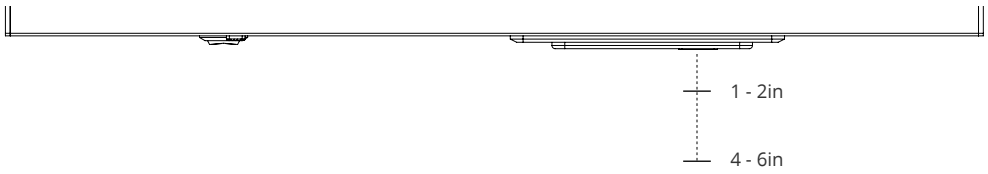
3b To reverse the dimming direction, remove your hand from the sensor for 1 second, then cover and hold the sensor again for more than 3 seconds.





NOTE:

Waving minimum and maximum distance is 1-2 inches and 4-6 inches, respectively.



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Fixture Type _____

Project Name _____

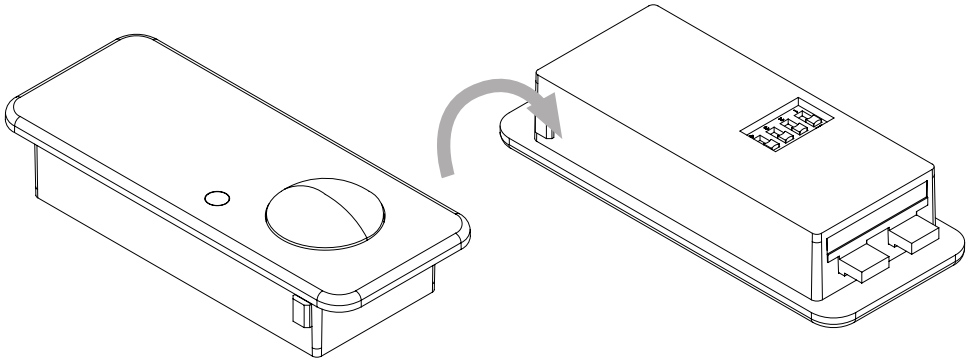
Location _____

Installation Guide

Unicab 2 PIR Sensor

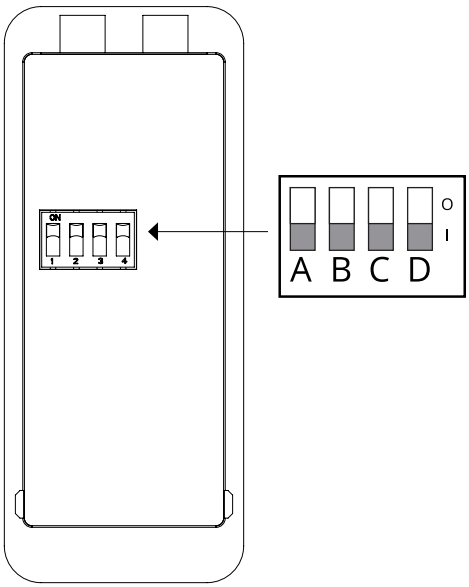
FOR USING PIR SENSOR:

1 Before dropping module into cavity, flip the module over and review the control options.



2 Select the appropriate controls for the required application using the switches.

NOTE:
The controls are divided into two separate groups, A+B is the mode selection and C+D is the on-time delay selection.



A	B	Mode
I	I	ON
I	O	PS
O	I	PIR
O	O	PIR + PS

FOR A+B, THE LIST IS AS FOLLOWS:
PIR + PS - PIR and Photo Sensor enabled
PS - Photo Sensor only
PIR - PIR Sensor only
ON - Light stays on. Both sensors disabled/bypassed

C	D	Time Delay
I	I	1m
I	O	3m
O	I	5m
O	O	10m

FOR C+D, THE LIST IS AS FOLLOWS:
1m - 1 minute delay
3m - 3 minute delay
5m - 5 minute delay
10m - 10 minute delay

3 Once selections are made, follow module installation instructions (Page 9), and test to ensure operation aligns with expected selection.

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Fixture Type _____

Project Name _____

Location _____

Installation Safety Precautions

Unicab Series Fixtures

Safety Precautions

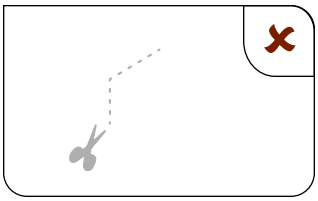
VOLTAGE

Hazardous voltage present. Please verify voltage prior to connecting and install per state and local codes.



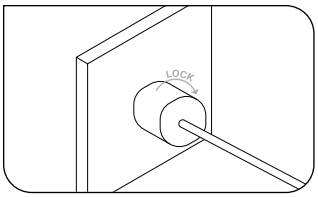
PRODUCT MODIFICATIONS

Product is NOT to be modified in the field. Modifications will void ETL listing and warranty.



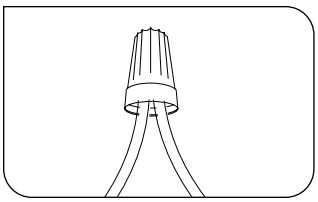
SECURE CONNECTIONS

Ensure all electrical connections are insulated and secure before applying power.



PROPER CONNECTIONS

Connect power feed to appropriate power source or controls.



KELVIX ACCESSORIES

The use of third-party accessories must be pre-approved by Kelvix. Failure to do so will void manufacturer warranty.



a) READ AND FOLLOW ALL SAFETY INSTRUCTIONS
b) Hazardous voltage present. Please verify voltage prior to connecting and install per state and local codes.
c) Verify circuits are de-energized before beginning work.
d) Hardwire connections must be installed in accordance with national and local electrical codes.
e) Modifying the fixture or cables will void the factory warranty.
f) This fixture cannot be installed vertically.

Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.

Fixture Type _____

Project Name _____

Location _____