



**IntelliSense
Series
Backlit
Panel**



ESL VISION IntelliSense Series Backlit Panel Installation Guide

[Home](#) » [ESL VISION](#) » ESL VISION IntelliSense Series Backlit Panel Installation Guide 

Contents

- [1 ESL VISION IntelliSense Series Backlit Panel](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Recessed Installation](#)
- [5 Wiring Diagram](#)
- [6 Sensor Installation](#)
- [7 CCT & Wattage Adjustment](#)
- [8 Cable Kit Mounting](#)
- [9 Frequently Asked Questions](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)



ESL VISION IntelliSense Series Backlit Panel



Product Information

Specifications:

- **Product Name:** INTELLISENSE™ SERIES Panel
- **Installation Type:** Recessed
- **Control Type:** 0-10V Dimming
- **Sensor Compatibility:** Approved sensors

Product Usage Instructions

Recessed Installation:

1. Lift up the four mounting clips on the sides of the fixture and twist into position.
2. Insert into ceiling grid. Use protective brackets as needed for safety.

Sensor Installation:

1. Remove the sensor plate.
2. Remove the flat cable from the back of the plate.
3. Insert the cable terminals into the approved sensor.
4. Snap the sensor into the fixture securely.

CCT & Wattage Adjustment:

1. Adjust Kelvin and wattage using the dip switches located on the driver.
2. Select the desired Kelvin and wattage by adjusting the dip switch.

Cable Kit Mounting:

1. Pull the sleeve on the end of Cable A through the provided flange and fix the flanges onto the ceiling with self-tapping screws.

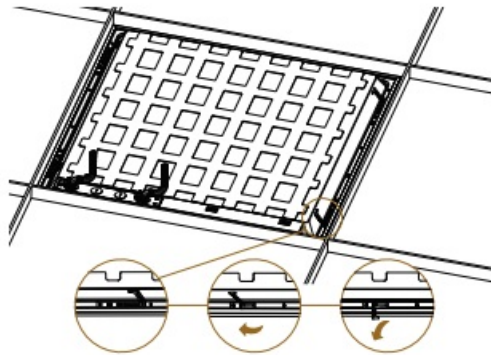
2. Insert the end of Cable A into the wire rope gripper attached to Cable B, adjust to desired height, and angle using the wire rope lock.
3. Hook the fixture up to the swivel lobster clasp attached to Cable B and make final adjustments.
4. Connect LED Driver to power.

WARNING

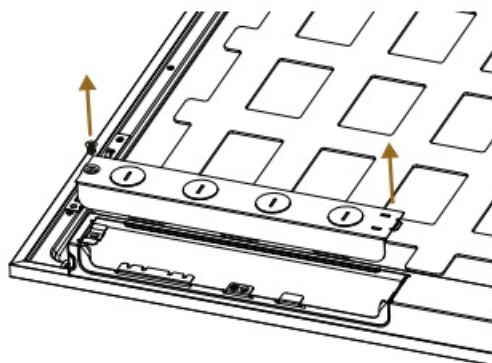
1. To avoid electric shock, disconnect power at source prior to installation.
2. The installation should be performed by qualified electricians or lighting technicians.
3. Before conducting any installation, maintenance, or removal, disable all power.
4. Do not touch the fixture while it is in service.
5. If there is any problem with the fixture, turn off power and DO NOT attempt repair unless you are a qualified technician or the customer service member.

Recessed Installation

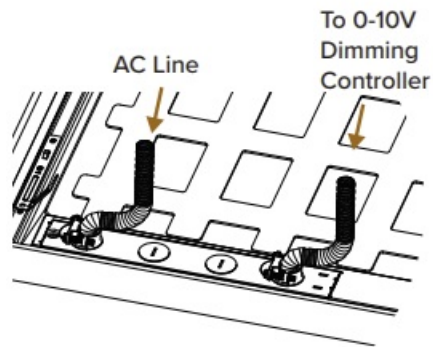
1. Lift up the four mounting clips on the sides of the fixture and twist into position.



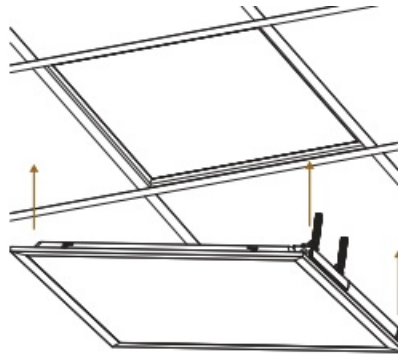
2. Remove enclosure cover and remove knockout for AC input and 0–10V control lines. Install fittings in knockout holes if needed.



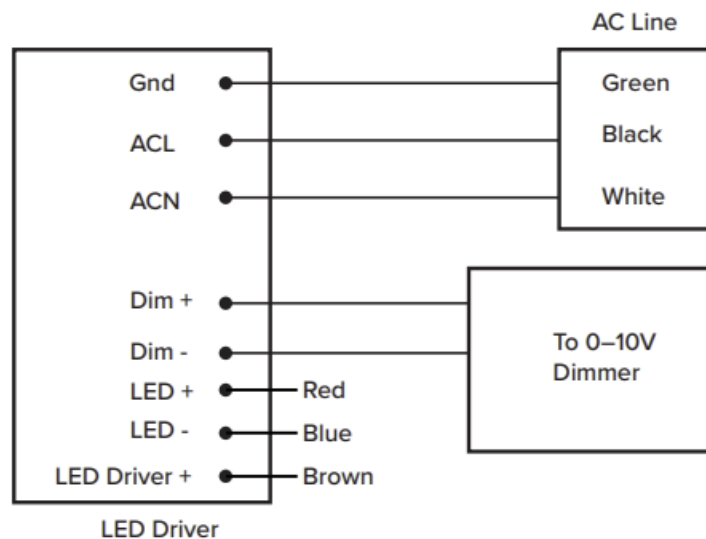
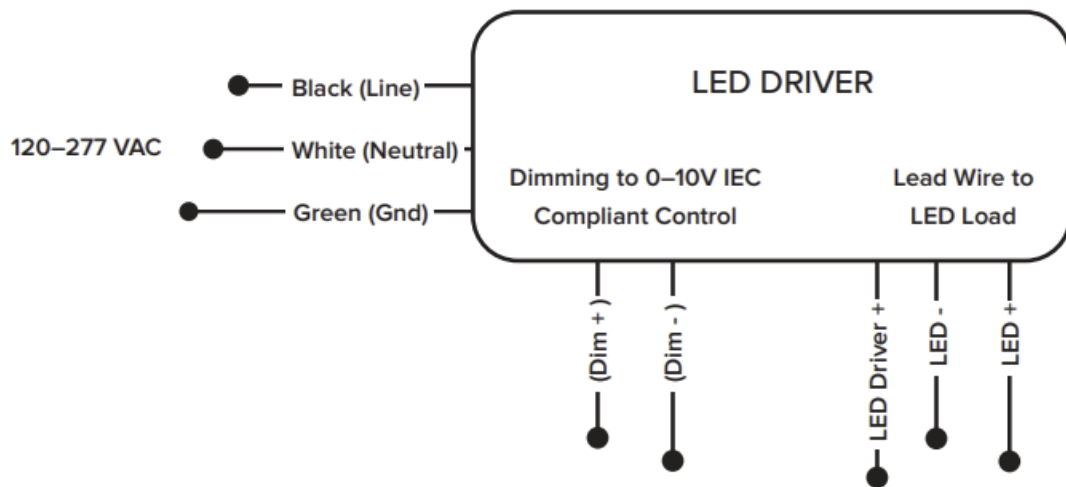
3. Connect the AC line (L, N and GND) to the LED Driver using 18–14AWG wire as shown in Wiring Diagram 2. When connecting a 0-10V dimming controller, wires must be run through a separate knockout hole equipped with appropriate electrical fittings.



4. Insert into ceiling grid. Use protective brackets as needed for safety.



Wiring Diagram



Sensor Installation



Fig. 1



Fig. 2

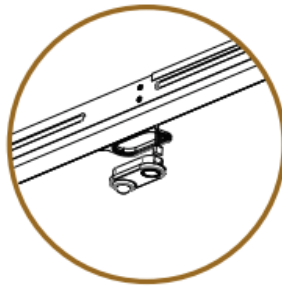


Fig. 3

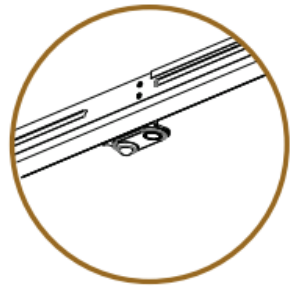
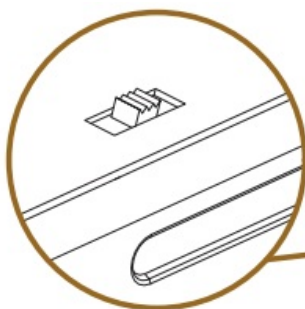


Fig. 4

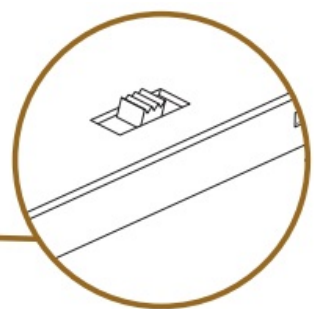
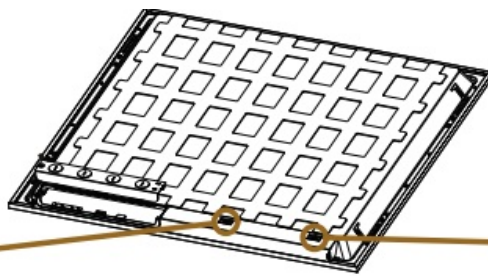
An approved sensor may be installed before or after fixture installation.

1. Remove the sensor plate.
2. Remove the flat cable from the back of the plate.
3. Insert the cable terminals into the approved sensor.
4. Snap the sensor into the fixture securely.

CCT & Wattage Adjustment



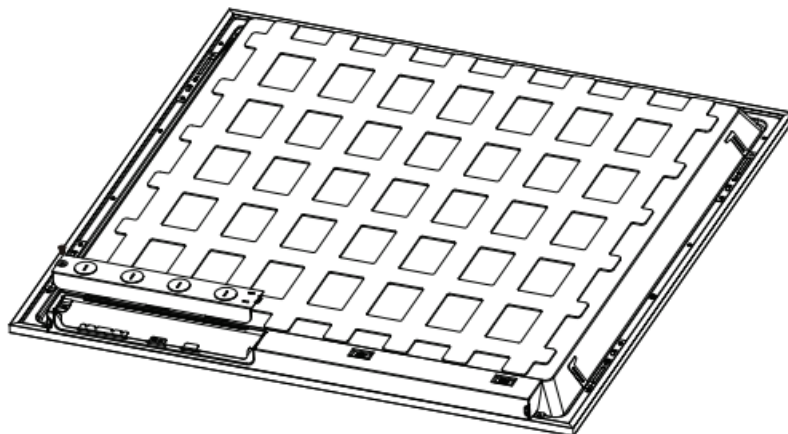
CCT Switch

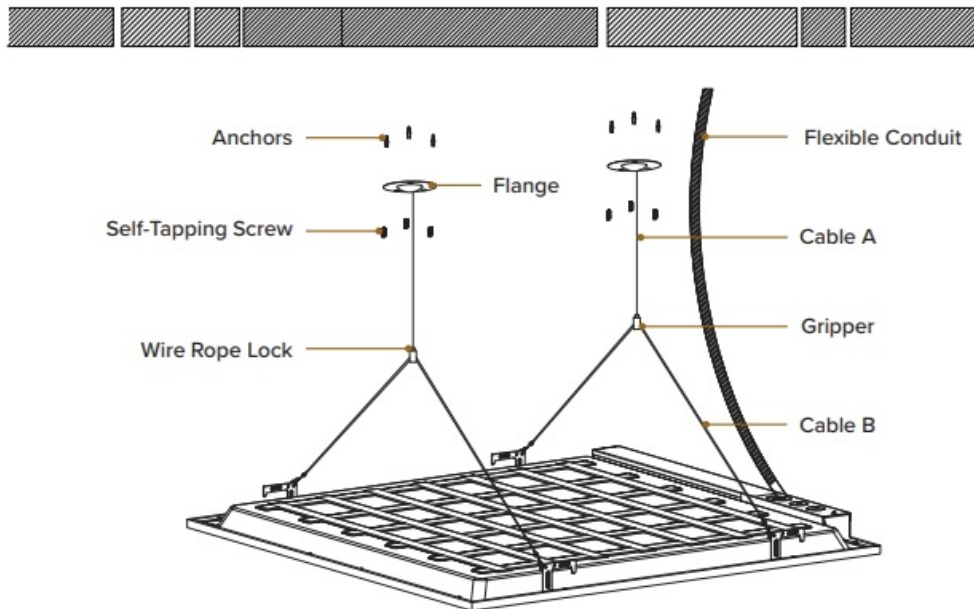


Wattage Switch

1. Kelvin and wattage can be adjusted using the dip switches located on the driver.
2. Select the desired kelvin and wattage by adjusting the dip switch.

Cable Kit Mounting





1. Pull the sleeve on the end of Cable A through the provided flange and make sure the end cap is positioned in the flange. Fix the flanges onto the ceiling with selftapping screws.
2. Insert the end of Cable A into the wire rope gripper attached to Cable B, then adjust Cable A to the desired height by pressing the wire rope lock and adjusting to the desired angle.
3. Hook the fixture up to the swivel lobster clasp attached to the two ends of cable B and make the final adjustments.
4. Connect LED Driver to power.

888.493.5559

info@eslvision.com

www.eslvision.com

Copyright © 2024 ESL Vision, LLC. All rights reserved. Rev: 07/19/24

Frequently Asked Questions

Q: Can I adjust both Kelvin and wattage settings?

A: Yes, you can adjust both Kelvin and wattage settings using the dip switches on the driver.

Q: Is it necessary to disconnect power before installation?

A: Yes, it is essential to disconnect power at the source prior to installation to avoid electric shock.

Documents / Resources

	<p>ESL VISION IntelliSense Series Backlit Panel [pdf] Installation Guide ESL-Vision-ESL-ISS-620, IntelliSense Series Backlit Panel, IntelliSense Series, Backlit Panel, Panel</p>
--	---

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.