

# INSTALLATION GUIDE

## SAFETY AND INSTALLATION INSTRUCTIONS

- Read all installation instructions included with this purchase and fixture to reduce the risk of death, injury, shock, property damage, falling debris, and other hazards.
- All installation and maintenance of luminaries must be performed by a licensed and qualified electrician. Do not attempt to install any FX Lighting fixtures without a qualified electrician.
- Occasionally it will be necessary to clean the light fixture to wipe away excess dust, debris, etc. by rinsing with warm water not to exceed 176° Fahrenheit.
- If you see that the product has been damaged, either in shipping or storage, and does not come as a factory manufactured unit, do not attempt to install. Contact FX Lighting if you have any questions or concerns about the operational functionality of your lighting fixture.
- If you have any questions on how to recycle lighting products, please visit [www.epa.gov/hw/universal-waste#a3](http://www.epa.gov/hw/universal-waste#a3)
- Never attempt to install a fixture without disconnecting and turning off the incoming power per your state's law.
- Comply with all local "Lock Out Tag Out" guidelines in your installation region.
- Only use the fixture for the location that it is intended for.
- The provided instructions do not detail every variation of equipment or installation. If you have any questions about the lighting product, equipment, or installation, please contact FX Lighting before installation.

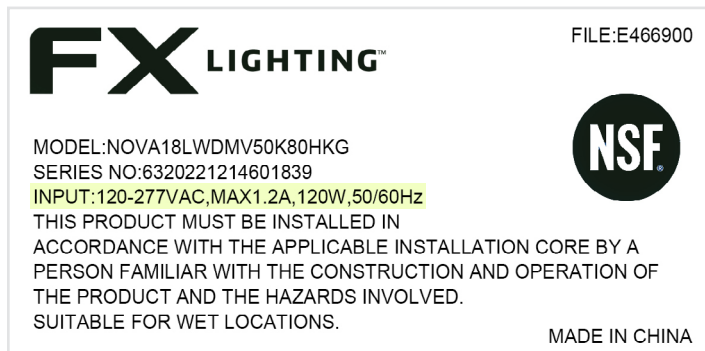
## WARNING!

- ⚠ Ensure power is disconnected and turned off before any maintenance or installation.
- ⚠ Ensure incoming voltage matches the voltage description of the fixture.
- ⚠ All electrical and grounding connections must be made in accordance with local and federal code requirements.
- ⚠ Do not attempt to touch or perform maintenance until the fixture is completely cooled to reduce burn risk.
- ⚠ Proper safety gear should be worn at all times during installation and maintenance, including but not limited to: gloves, safety glasses, hardhats, lift harness, etc.

## NOVA INSTALLATION INSTRUCTIONS

### 1 Verify Fixture Wattage and Voltage

- a. Identify that the lighting fixture is the appropriate fixture for this application based on the wattage and voltage found on the Nova fixture.

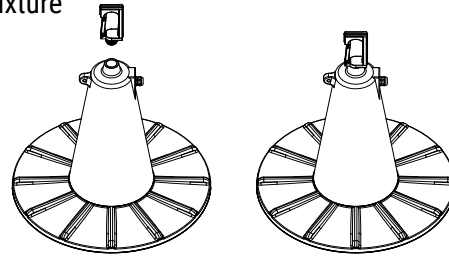


### 2 Pre-Installation for all Mounting

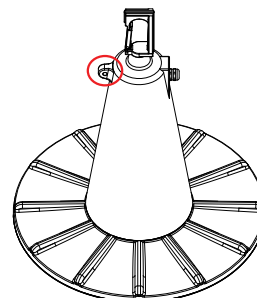
- a. Ensure power is disconnected and turned off
- b. Clear surrounding area and mark area off from other personnel, forklifts, etc.
- c. Inspect installation location for any damage and ensure mounting structure will support the weight of the fixture
- d. Inspect fixture for any damage due to shipping. If fixture shows damage, do not install and call FX Lighting for further assistance
- e. Ensure there is no damage to the wire jacketing up to the terminal point of contact
- f. Ensure proper safety gear is worn at all times, especially when lift is involved

### 3 Installation for Hook Mount

- a. Screw hook into fixture down until threading is no longer visible and hook is tightly secured into fixture

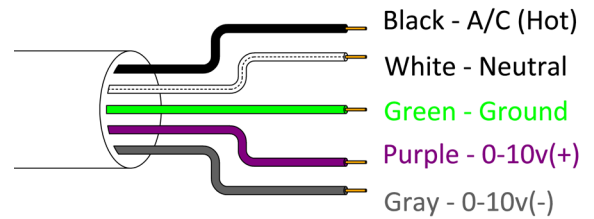


- b. Mount hook onto existing support structure. Ensure the hook is mounted securely, and that the structure can bear the Nova load
- c. Run fixture cable to supporting power supply and make necessary connections based on the diagram below. Purple and gray wires indicate low voltage dimming leads. Only use UL listed connectors that are rated 90c or greater
- d. Run safety cable through cable ring noted in the picture below. Loop the cable through the fastener and make sure it is secure. Hook the other end of the safety cable to the hook mount of the fixture



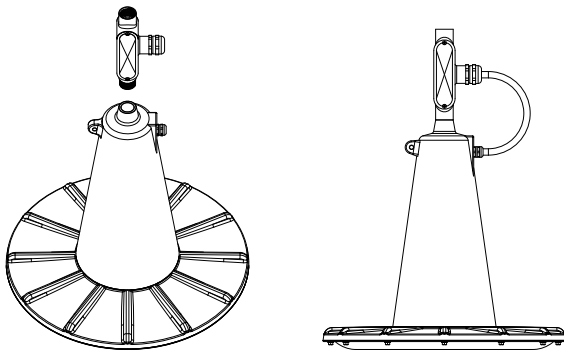
- e. Ensure there are no loose or uncapped wires where connection is made
- f. Ensure personnel are not in close proximity of fixture or connection
- g. Power fixture on and ensure no problems arise from installation

## Wiring Diagram



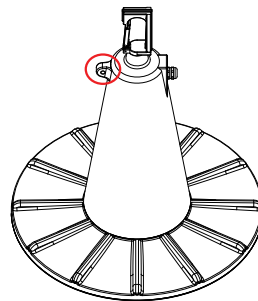
## 4 Installation for Pendant Mount Bracket

- a. Remove cover plate off pendant mount bracket
- b. Screw 3/4" nipple from pendant kit into fixture until threading is no longer visible and threading is tightly secured into fixture
- c. Screw top of pendant mount bracket into 3/4" conduit and pull existing power supply into pendant mount bracket box



- d. Run fixture cable into pendant mount bracket through the 3/4" cable grip, cut the wire and strip leads to desired length, then tighten the cable grip to the fixture cable until it is tight and secure
- e. Make necessary connections based on the diagram at the top of the page. Purple and gray wires indicate low voltage dimming leads. Only use UL listed connectors that are rated 90c or greater

- f. Ensure there are no loose or uncapped wires where connection is made
- g. Install cover plate back onto pendant mount bracket
- h. Run safety cable through cable ring noted in the picture below. Loop the cable through the fastener and make sure it is secure. Hook the other end of the safety cable to a secure structure

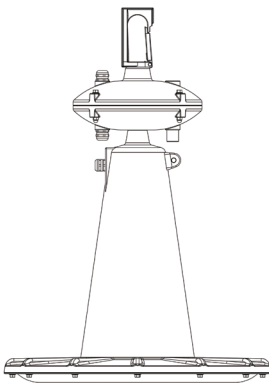


- i. Ensure personnel are not in close proximity of fixture or connection
- j. Power fixture on and ensure no problems arise from electrical connection

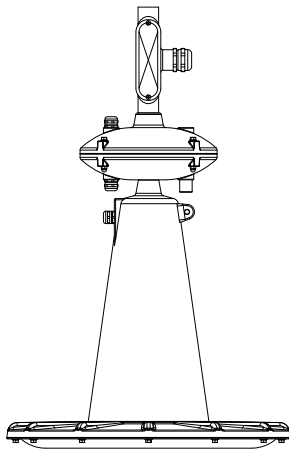
## 5 Installation for EM Backup

- a. Determine how fixture will be mounted, either pendant or hook mount

For hook mount, attach the hook to the top of the EM Backup Box screwed onto the top of the Nova, refer to steps 3a-3b

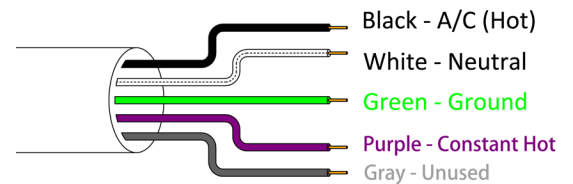


For pendant mount, attach the pendant mount to the top of the EM Backup Box screwed onto the top of the Nova, refer to steps 4a-4d



- b. Make necessary connections based on wiring diagram below

### Emergency Backup Wiring Diagram



- c. If installing a pendant mount, install the cover back onto the pendant mount bracket
- d. Ensure personnel are not in close proximity to fixture or connection
- e. Power fixture on and ensure no problems arise from the electrical connection
- f. Unscrew the plastic cap on the EM box where the EM light indicator is, it should be green
- g. Press the test button down firmly. The fixture should quickly flash off and come back on at a dimmer light level
- h. Release the test button. The fixture should quickly flash off and come back on at full brightness
- i. Screw the plastic cap back onto the EM box