

# Installation Instructions

NATL-5060-12-HWD10

12V Class II Dimmable Hardwire LED Driver (0-10V dimming)

**READ PRIOR TO ATTEMPTING INSTALLATION**  
**ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION**  
**INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN**

**⚠ IMPORTANT** - This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electrical Code and all applicable state and local building codes. The final installation must be approved by the appropriate, qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Be sure the electrical power to the circuit has been disconnected before installing this electrical system.

**⚠ IMPORTANT** - Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être faite conformément à l'édition actuelle du Code national de l'électricité et à tous les codes de construction locaux et nationaux applicables. L'installation finale doit être approuvée par un ou plusieurs inspecteurs qualifiés en électricité / bâtiment. Une installation incorrecte peut entraîner un incendie ou un risque électrique. Assurez-vous que l'alimentation électrique du circuit a été déconnectée avant d'installer ce système électrique.

ITEM NO.	INPUT	OUTPUT
NATL-5060-12-HWD10	120-277V 50/60Hz	12V / 60W

DETERMINING THE MAX. # OF LUMINAIRES PER DRIVER
$(\text{Maximum Wattage of Driver}) \times 0.8 \text{ Safety Factor} / \text{Luminaire Wattage} = \text{Maximum \# of Luminaires}$

DETERMINING THE MAX. RUN (IN FEET) OF LINEAR LIGHT PER DRIVER
$(\text{Maximum Wattage of Driver}) \times 0.8 \text{ Safety Factor} / \text{Wattage Per Foot} = \text{Maximum Run of Linear Light}$

## PLEASE READ: IMPORTANT INFORMATION BEFORE INSTALLATION

- Always turn off power prior to installation or replacement.
- Risk of electric shock. Do not use any connection pins to touch any electrical conductors.
- Do not press directly on the top cover, as it may cause damage.
- This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition to the National Electrical Code and all applicable state and local building codes. The final installation must be approved by the appropriate qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Be sure the electrical power to the circuit has been disconnected before installing the electrical system.

## INSTALLATION:

1. Make sure power is turned off.
2. Remove front screw and remove the driver cover.
3. Determine which side you are going to feed the driver through the knockout.
4. Feed the input and output cables through separate knockouts.
5. Apply strain relief to both cables and insert into knockout.
6. Remove the terminal block covers on the input and output sides of the driver.
7. Make wiring connections per wiring diagram below. Driver case must be grounded in accordance to N.E.C.
8. Replace driver cover.

## REPLACING THE DRIVER:

1. Make sure that the power is shut off prior to servicing driver.
2. Remove screw at top enclosure cover and lift cover to access driver.
3. Disconnect wiring connection
4. Use a screwdriver to remove the two screws securing the driver to the metal enclosure box.
5. Replace the driver and secure with the same screws from previous step and rewire accordingly.
6. Replace driver cover.

## WIRING DIAGRAM:

