



## FOR MODELS

JBXE60R12RW, JBXE96R24RW, JBXE60R12SW,  
JBXE96R24SW

### General

This driver is to be installed in accordance with Article 450 of the National Electric Code. The driver must be installed in a well-ventilated area free from explosive gases and vapors. Proper operation requires for free flow of air. This driver should only be installed by a qualified electrician.

### Precautions Before Installing

Check the label and ensure the driver has the proper input voltage and wattage for the job. Check the wire markings to ensure they match the wiring diagram on this installation guide.

## Mounting

Select a suitable location capable of supporting the weight of the driver (wall mount only). Use the two key holes for wiring.

### LEGEND

- A. Input connections compartment
- B. Output connections terminal block
- C. (4) knockouts
- D. (8) mounting holes
- E. Driver (quantity varies according to model)

## IMPORTANT!



**DO NOT CHANGE/MODIFY ANY WIRING IN THE INTERNAL WIRING OF THE JUNCTION BOX. ANY CHANGE OR MODIFICATION WILL INVALIDATE THE PRODUCT WARRANTY.**



**THE INSTALLATION SHOULD BE ACCORDING TO RELEVANT SAFETY REGULATIONS**

# INSTALLATION GUIDE

## JB+ SERIES

### E-SERIES

CLASS 2



DIM DOWN TO 1%

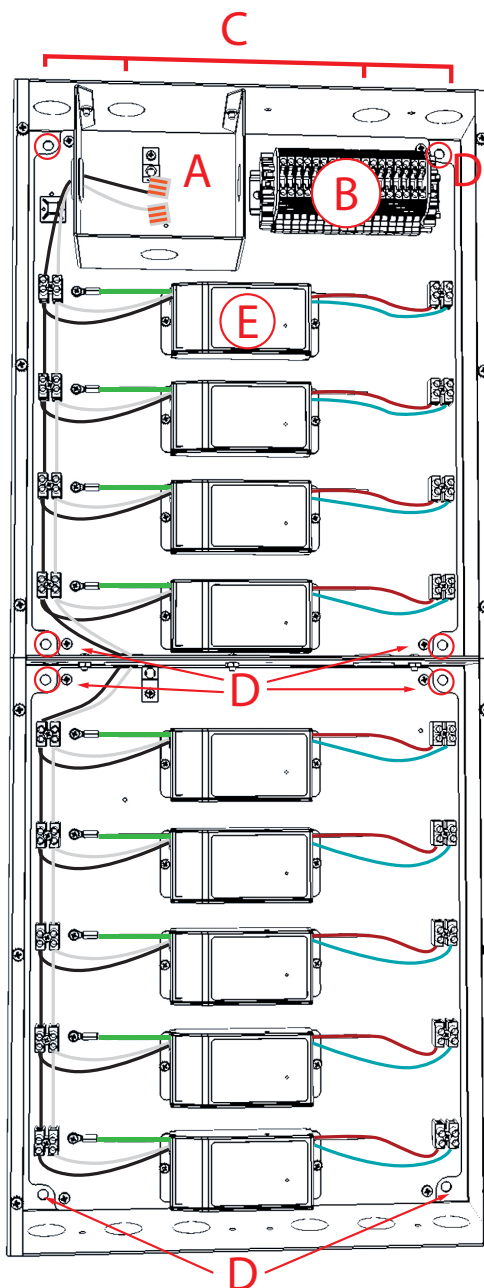


120VAC

12 / 24VDC

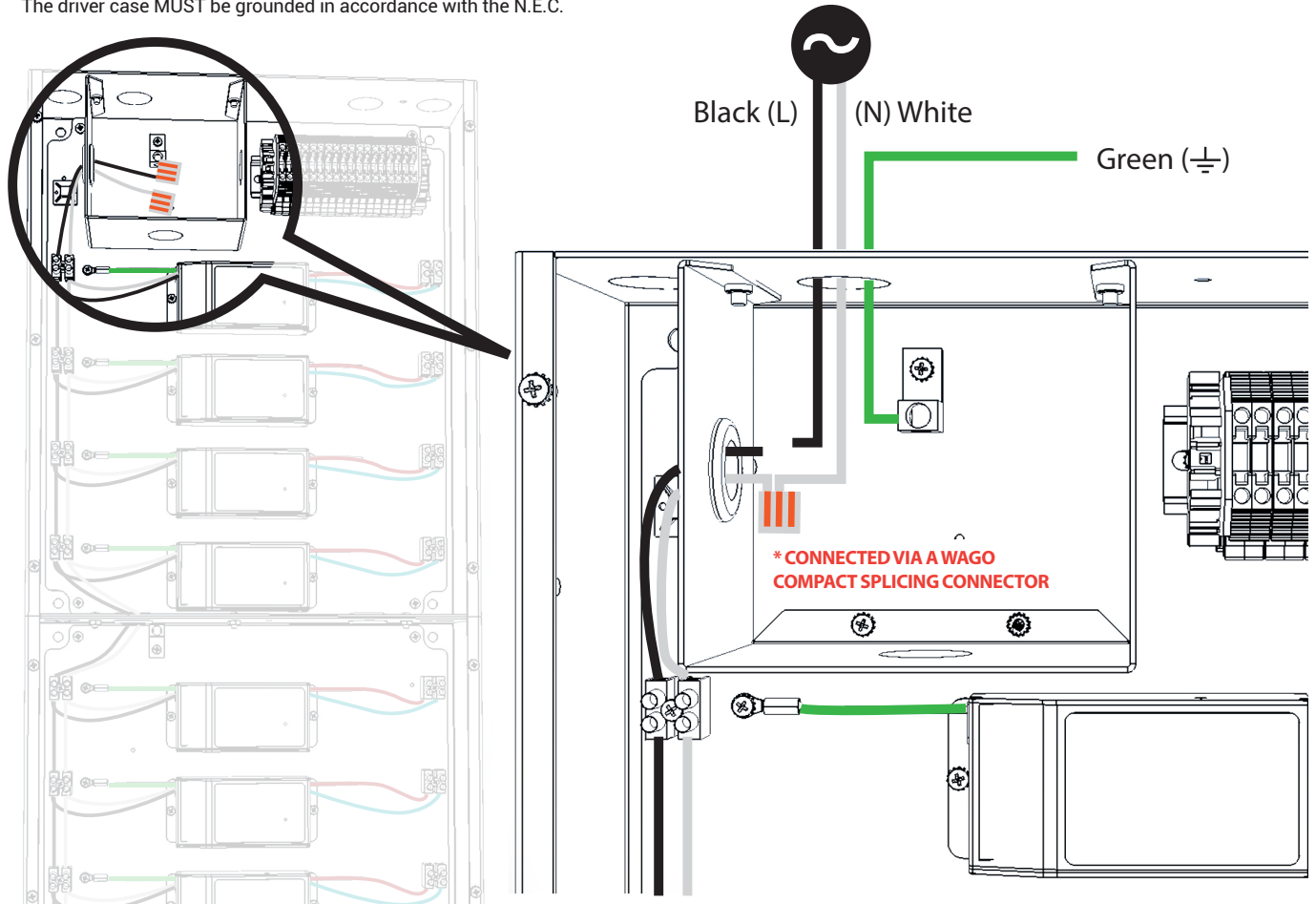
### Quick Specs

Input Voltage	120V AC
Output Voltage	12/24V DC
Max. Ambient Temp.	-30° C to 50° C (-22°F - 122°F)
Enclosure	Dry and Damp
Min. Installation Space Between Drivers	5" Inch

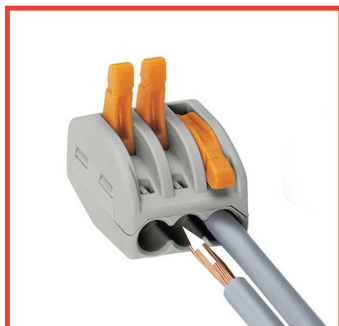


## INPUT CONNECTIONS AND GROUNDING

- 1 Remove wire compartment cover plate.
- 2 With power turned off, route the AC input wires through a strain relief and connect to input wire terminal. If wirenuts are used, use only UL listed wire nuts and connectors of suitable size and type. The driver case **MUST** be grounded in accordance with the N.E.C.



## CONNECTING INPUT WIRES



## OUTPUT CONNECTIONS

### 3 Output Connections

Bring the wires of the light fixture through the other clamp connectors and connect them to the output terminals - positive to the red (+) wire and negative to black (-) wire. Measuring the output voltage without a load will result readings greater than the nominal voltage.

### Dimming

Dimmable with any standard MLV / Incandescent TRIAC (Leading edge) dimmer switch. Dimmer switch is to be installed on the input (120VAC side) of the driver. For smooth dimming, 8W minimum load is required. Please visit our website for a full dimmer compatibility list [www.magnitudeinc.com](http://www.magnitudeinc.com)

