

# 51LN48-48/9Q DUAL INPUT INSTALLATION PROCEDURE

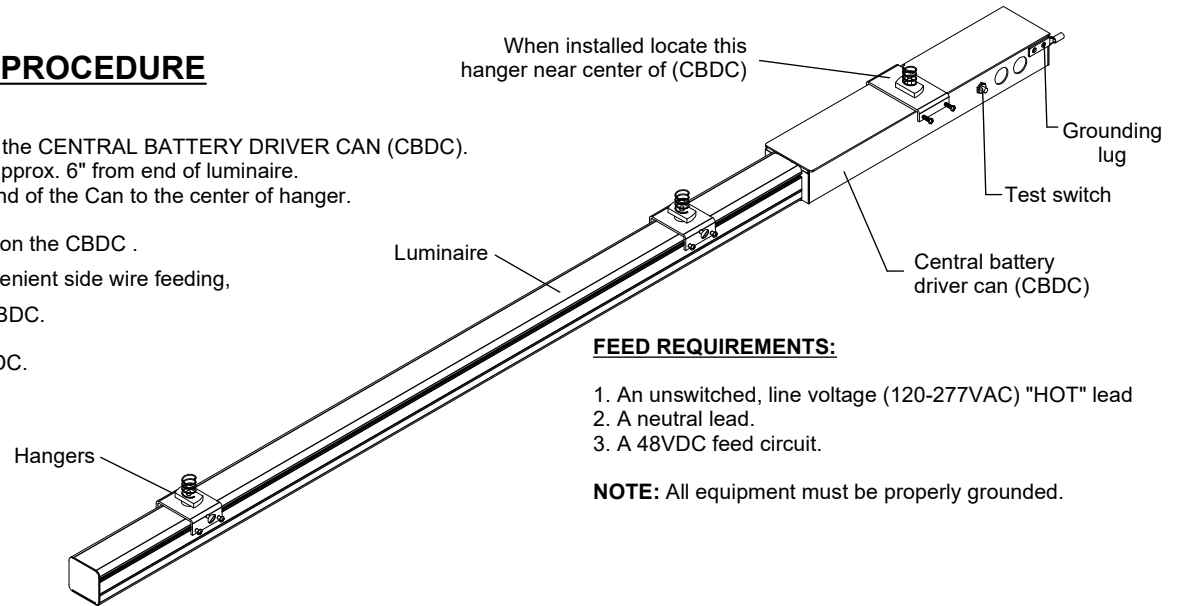
## MOUNTING LUMINAIRES

- Luminaires are shipped with 3 hangers, 2 for the luminaire and 1 for the CENTRAL BATTERY DRIVER CAN (CBDC).
- Attach hangers to Uni-strut at desired location and set each one to approx. 6" from end of luminaire.  
For the Driver Can, set hanger to support Can approx. 8" from the end of the Can to the center of hanger.

## SUPPLY CONNECTIONS

- Remove the yellow snap fit cover to access the wiring compartment on the CBDC .
- (5)  $\frac{1}{2}$ " trade size KO's are provided, 2 on each side of CBDC for convenient side wire feeding, and FEED END PLATE has (1)  $\frac{1}{2}$ " trade size KO on the end of the CBDC.
- Connect circuits wiring (refer to wiring diagram below).
- A lug for "grounding" the luminaire is provided on the end of the CBDC.

| SYSTEM AMPS     | 120VAC | 277VAC | 48VDC |
|-----------------|--------|--------|-------|
| REGULAR DRIVER  | .18    | .09    | 0     |
| INVERTER DRIVER | 0      | 0      | .75   |
| TOTAL           | .18    | .09    | .75   |



## FEED REQUIREMENTS:

- An unswitched, line voltage (120-277VAC) "HOT" lead
- A neutral lead.
- A 48VDC feed circuit.

**NOTE:** All equipment must be properly grounded.

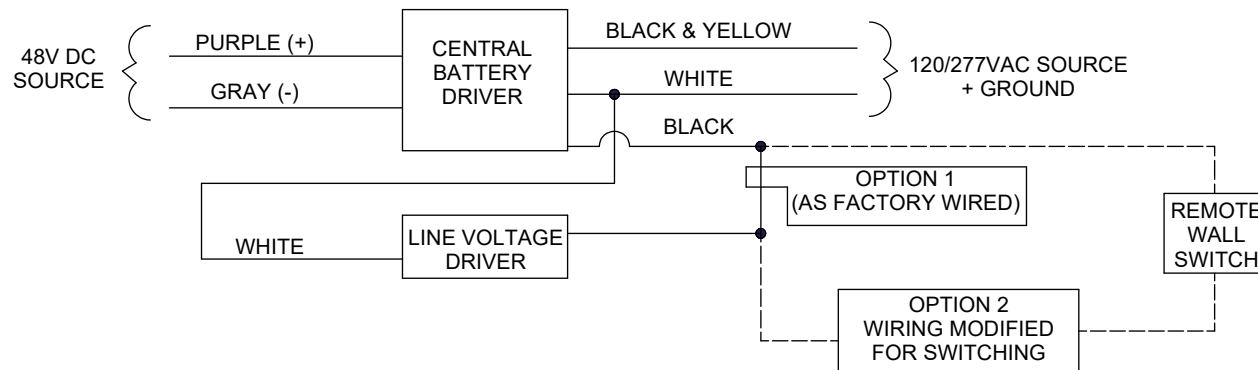
## WIRING INFORMATION:

From inside the CBDC, connect the black and white wires to an unswitched 120VAC or 277VAC source circuit. Connect the gray (-) and purple (+) wires to a 48VDC source.

**NOTE:** The 51LN48-48/9Q is primarily intended to be operated 24/7. However the wiring can be modified to allow on/off switching.

## INSTRUCTIONS TO MODIFY WIRING FOR ON / OFF SWITCHING:

**\*\*CAUTION:** This procedure is very different from previous (fluorescent) versions of the 'Dual Input' product. The wiring for this version **DOES NOT** allow for a switched hot lead. There is a black wire from the central battery driver to the regular line voltage driver. For switching, this wire must be interrupted and extended to and from the desired switch location. (see illustration below)



**NOTE:** The wiring to the LED module has been omitted to simplify this drawing.

