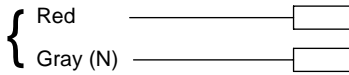


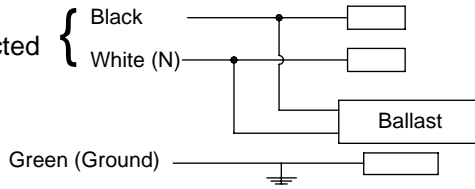
## HIGH LEVEL LIGHTING LUMINAIRES

### Wiring Diagrams

Through conductors for low level lighting



High level lighting conductors connected to ballast.

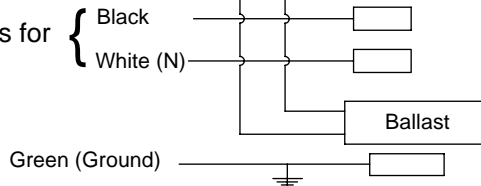


## LOW LEVEL LIGHTING LUMINAIRES

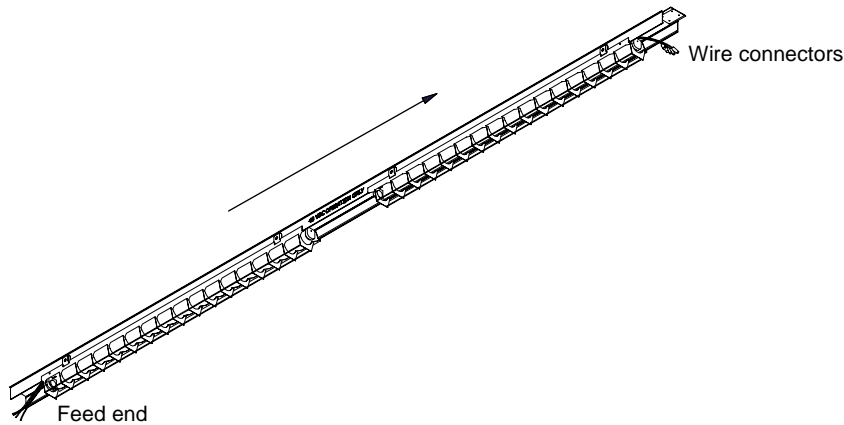
Low level lighting. Conductors connected to ballast.



Through conductors for high level lighting.



**NOTE:** The feed direction is from the end with the stripped conductors. The wire connectors on the opposite end are for the next luminaire in the row, the wire connectors insulate the ends of the conductors.



## INSTALLATION INSTRUCTIONS FOR 55 SERIES LIGHTING SYSTEM

### Basic Components

552329x Series 10' long, for 2F32T8 lamps universal voltage (120/277V), louver luminaires complete with lamps.

551329x Series 5'-6" long, for 1F32T8 lamp universal voltage (120/277V), louver luminaires complete with lamps.

551179x Series 3'-6" long, for 1F17T8 lamp universal voltage (120/277V), louver luminaires complete with lamps.

Where 'x' could be 1,2,3, or 4.

1= Low level wiring. 2= Low level wiring with 2 additional yellow wires(May be used for 3 way switching)

3= High level wiring. 4= High level wiring with 2 additional yellow wires(May be used for 3 way switching)

5501

Entrance feed fitting.

5502 Series

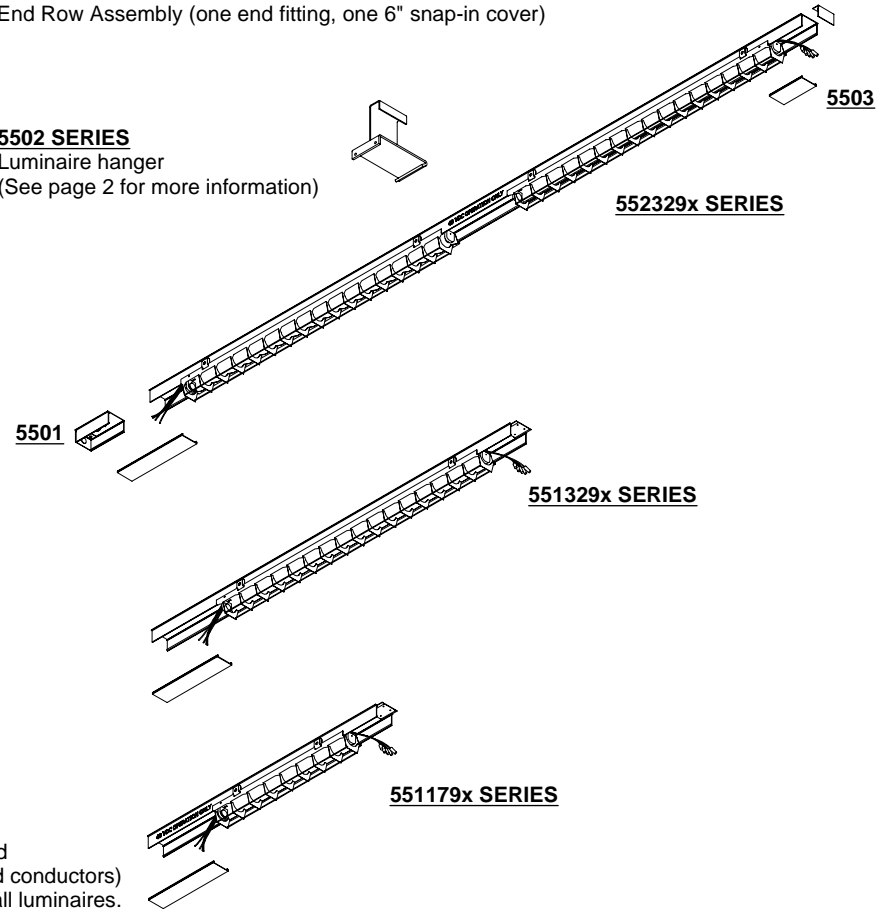
Luminaire hangers, see page 2.

5503

End Row Assembly (one end fitting, one 6" snap-in cover)

### 5502 SERIES

Luminaire hanger  
(See page 2 for more information)

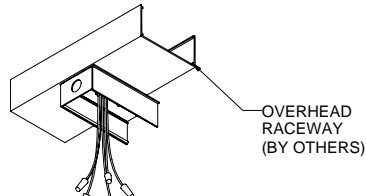


**AIREY-THOMPSON™**

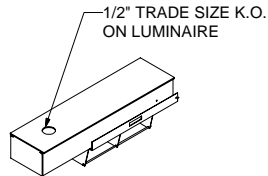
## INSTALLATION PROCEDURE

### Step 1.

Regardless of feed location, you must use end row assemblies to finish each end of the row. Use a combination of part numbers 5501 & 5503, or 2 ea. 5503. (Two 5501 assemblies will not work) The 5501 is used as a feed extension in raceway fed applications. Otherwise, the 1/2" K.O. near the end of the luminaire may be used. Connect feed wires as shown in the "Wiring Diagram" on the front page.



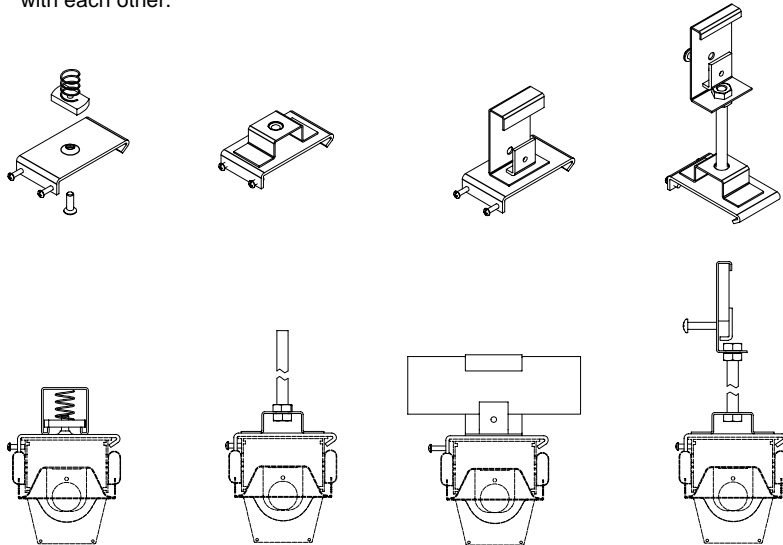
FEED END  
USING 5501



FEED END  
USING 5503

### Step 2.

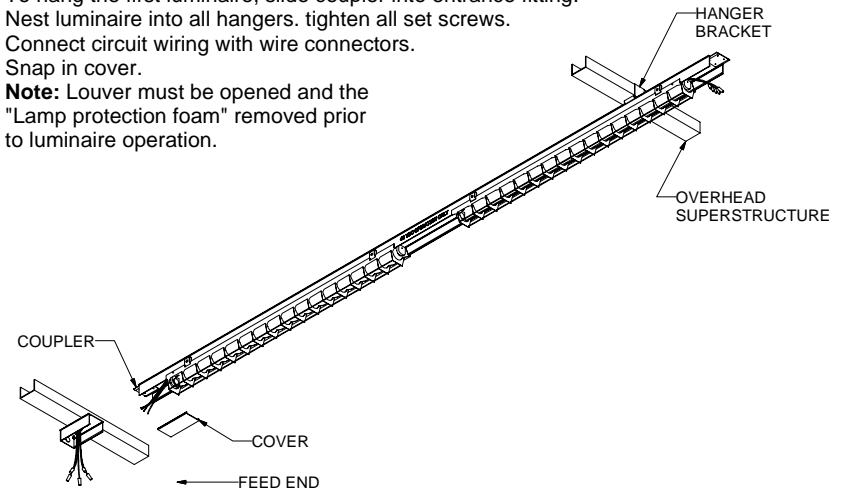
Select the appropriate 5502 series hanger brackets to match the overhead superstructure. Install hangers for full length of run, so that they are secure and line up with each other.



### Step 3.

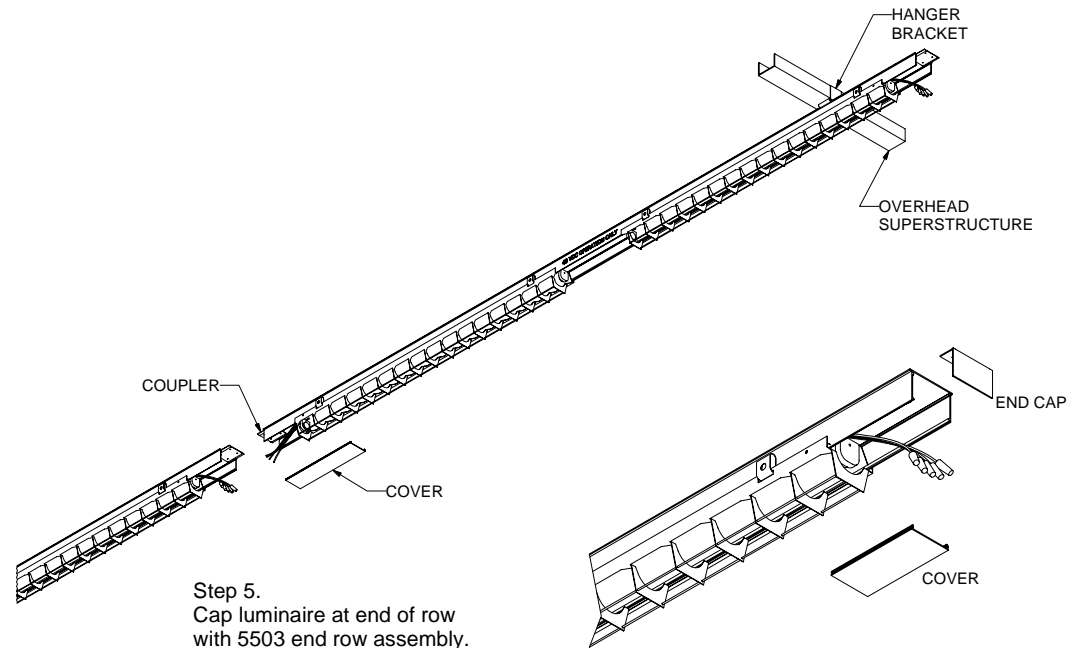
To hang the first luminaire, slide coupler into entrance fitting. Nest luminaire into all hangers. Tighten all set screws. Connect circuit wiring with wire connectors. Snap in cover.

**Note:** Louver must be opened and the "Lamp protection foam" removed prior to luminaire operation.



### Step 4.

Hang remaining luminaires in row. Slide coupler into previously hung luminaire. Nest luminaire to all hangers. Tighten all set screws. Connect circuit wiring with wire connectors, connect the black wire to black wire, green wire to green wire, etc.



### Step 5.

Cap luminaire at end of row with 5503 end row assembly. Install end cap with set screws. Snap in cover.