

MX4D & MX4UDC SERIES

INSTALLATION INSTRUCTIONS



WARNING:

- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Make sure all electrical power is turned off while installing the fixture.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation.
- Disconnect power before servicing.
- LEDs are ESD (Electro Static Discharge) sensitive devices that can be easily damaged if the proper ESD mitigating steps are not taken.
- LEDs are very sensitive to mechanical damage. Caution must be taken to avoid damage to the LEDs.
- ESD or mechanical damage voids all warranties.
- Suitable for dry and damp locations.

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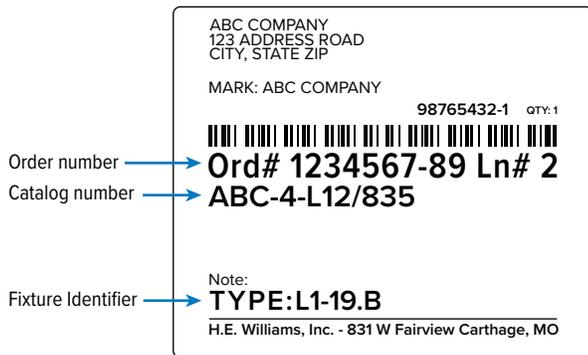
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TOOLS REQUIRED

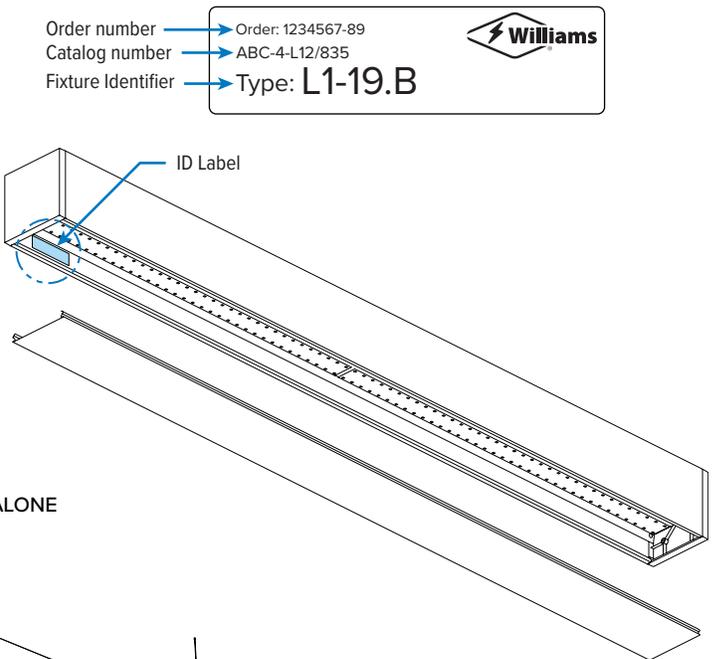
- Lens removal tool, provided
- Flat blade screwdriver, by others
- $\phi 1/4"$ fasteners and washers, by others
- $3/32"$ hex key for aircraft cable installation, provided

STEP 1 PLANNING

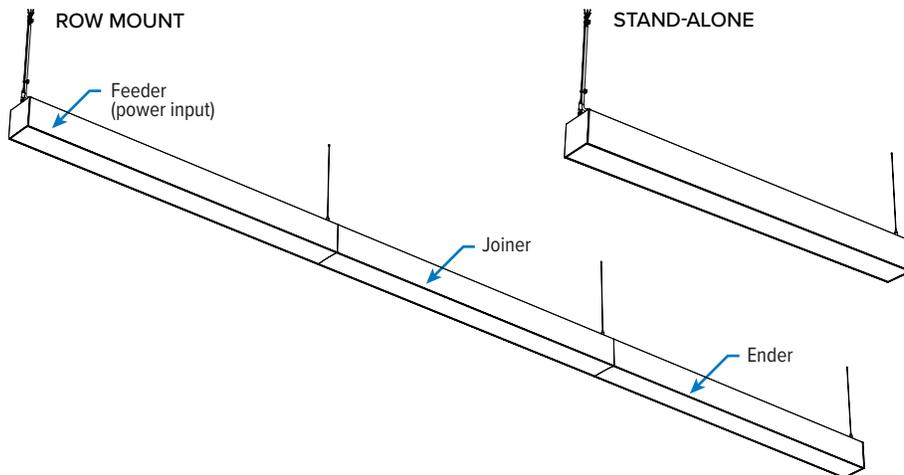
A. Look for linear ID label on packaging:



B. Identify all linear luminaires by their ID label:



C. Sort row mount fixtures and plan mounting method.

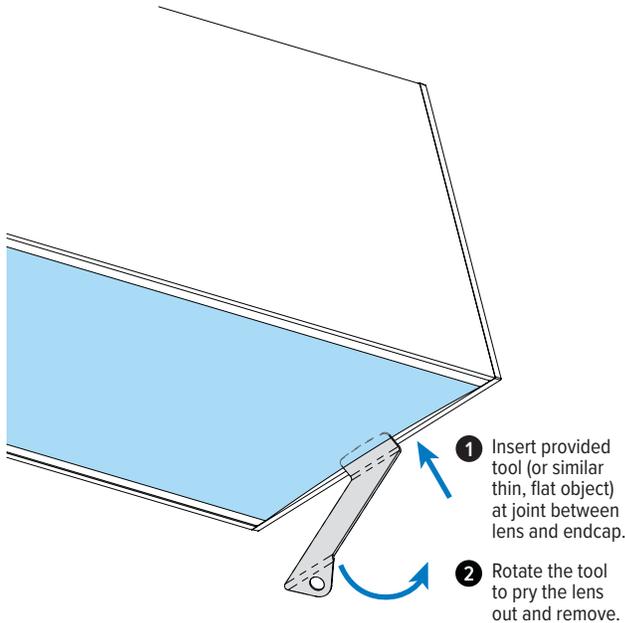


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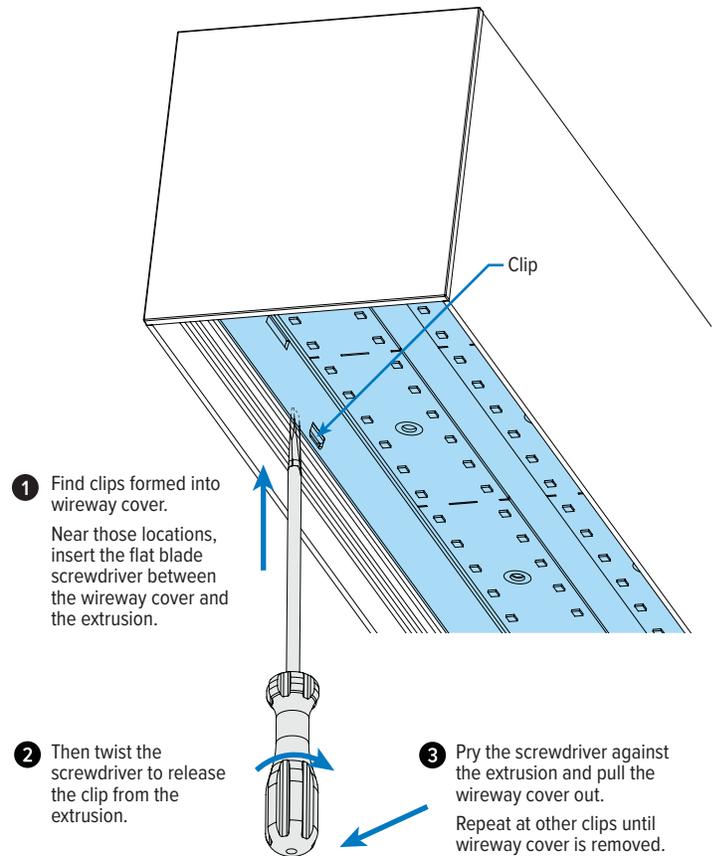
INSTALLATION INSTRUCTIONS

STEP 2 PREPARATION

A. Remove lens on row mount fixtures only.
STAND-ALONE FIXTURES SKIP THIS STEP.



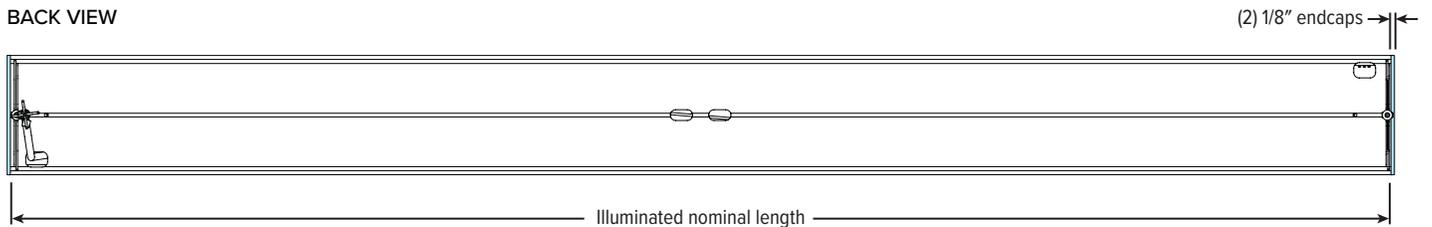
B. Remove wireway cover on ender fixtures only.
FEEDER, JOINER AND STAND-ALONE SKIP THIS STEP.



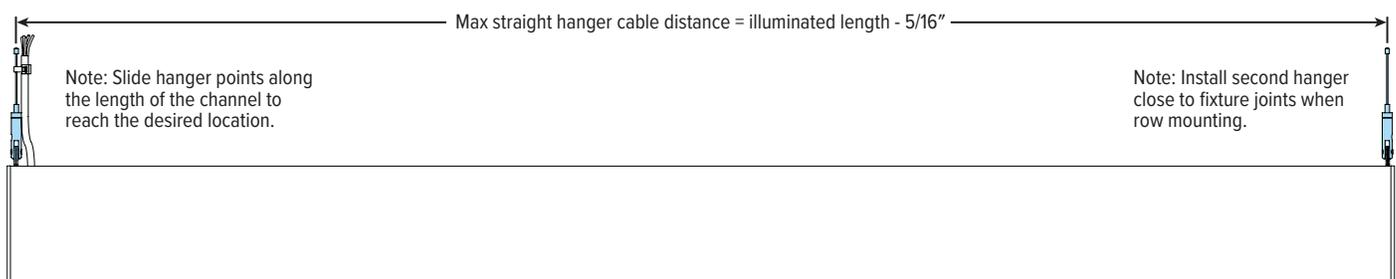
STEP 3 MOUNTING POINTS

A. Dimensions to install stand-alone or feeder fixture first.

BACK VIEW



SIDE VIEW



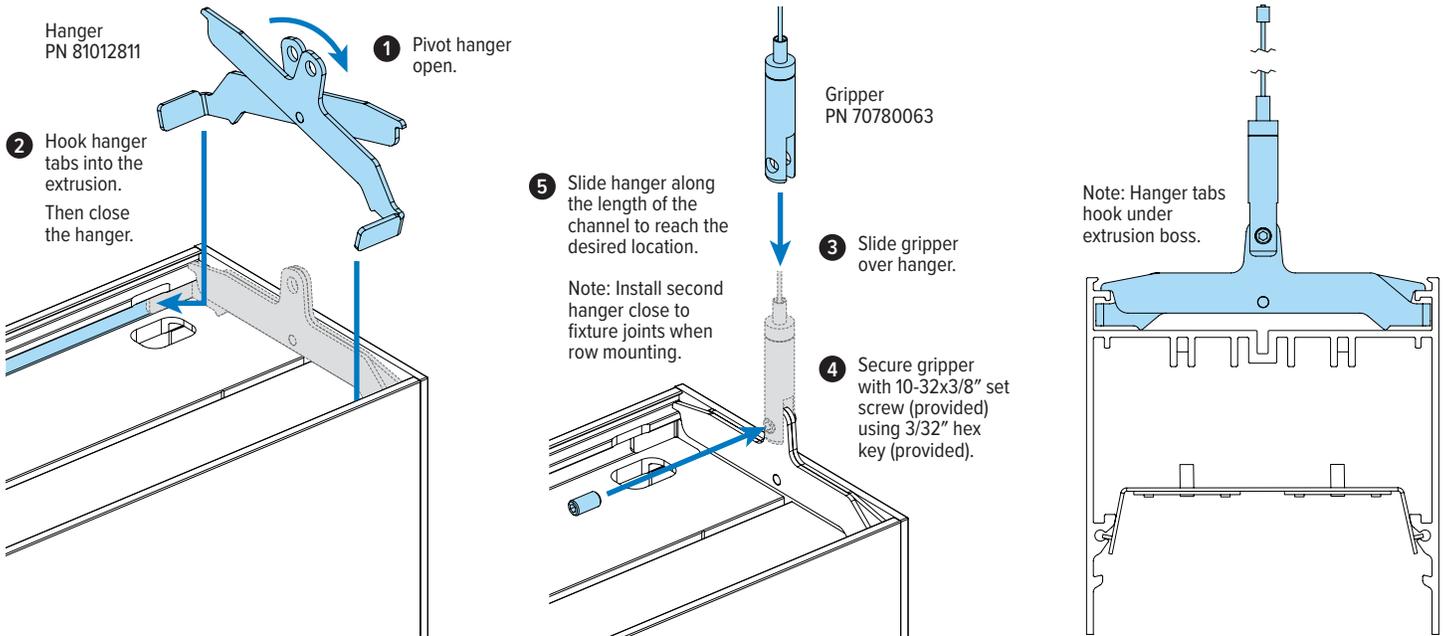
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STEP 4 AIRCRAFT CABLES

AIRCRAFT CABLE INSTALLATION ONLY.

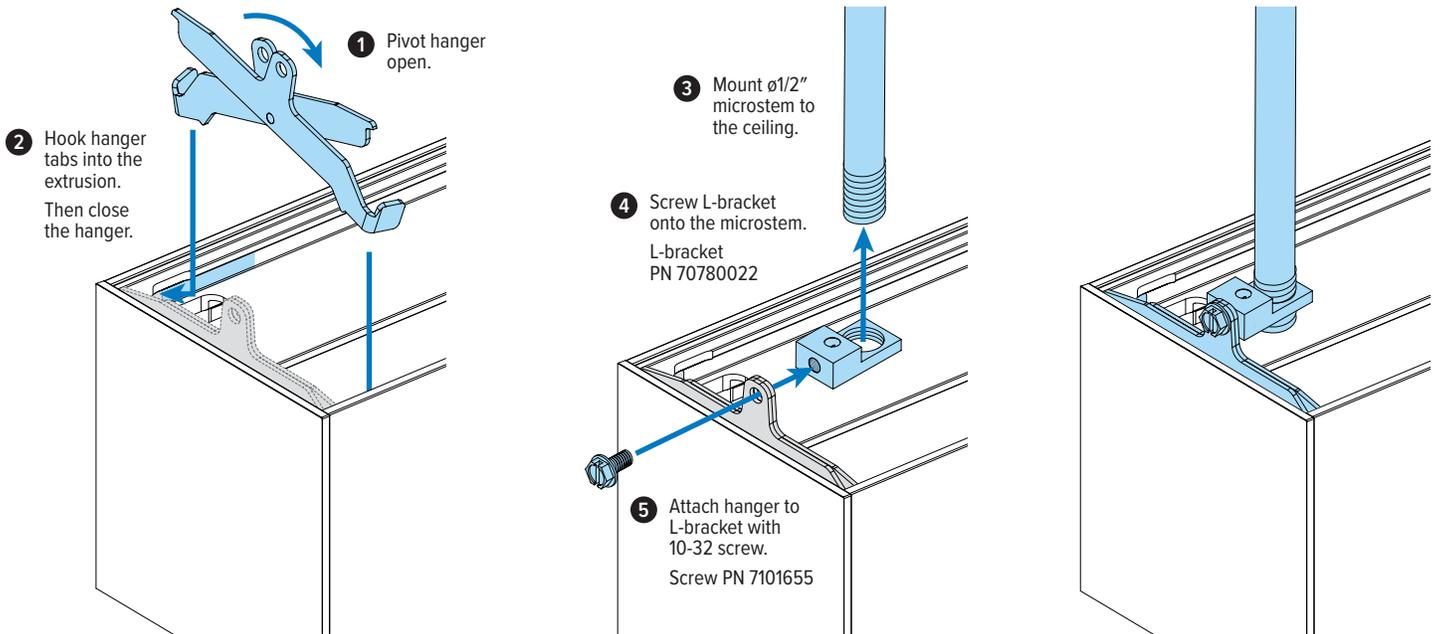
A. Install aircraft cables to stand-alone or feeder fixture. Joiner and ender installation occurs during STEP 7 JOINER AND ENDER on page 4.



STEP 5 MICROSTEM

MICROSTEM INSTALLATION ONLY. Note: Power cord does not run through microstem.

A. Install microstem to stand-alone or feeder fixture. Joiner and ender installation occurs during STEP 7 JOINER AND ENDER on page 4.

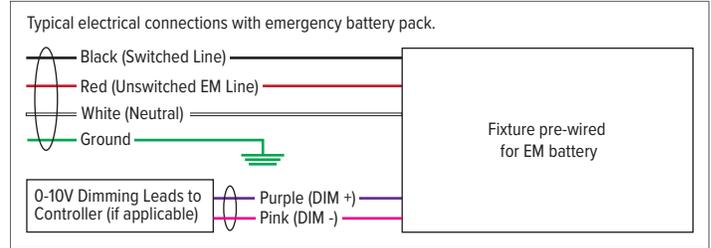
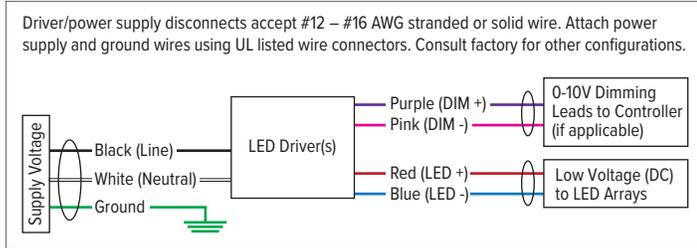


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INSTALLATION INSTRUCTIONS

STEP 6 WIRING

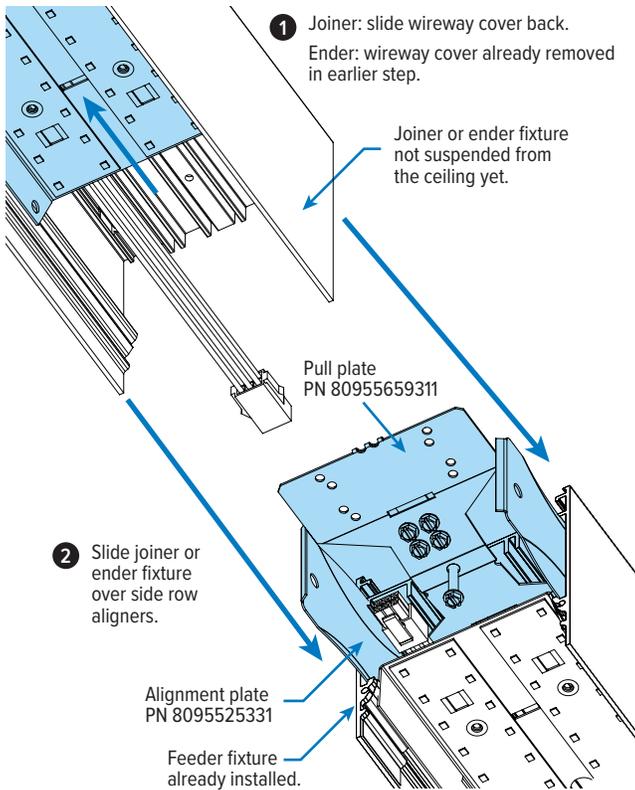
A. Make electrical connections in accordance with NEC and local codes.



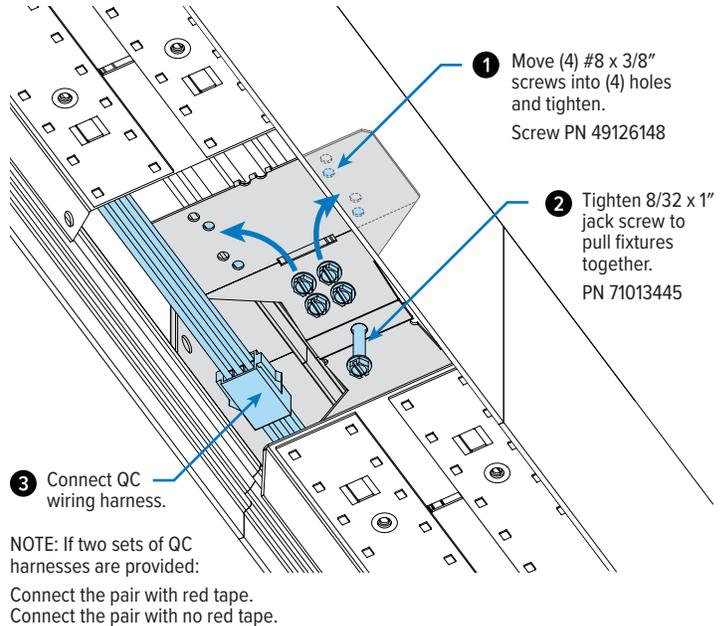
STEP 7 JOINER AND ENDER

ROW MOUNT ONLY. STAND-ALONE INSTALLATION: PROCEED TO STEP 8 FINISHING ON PAGE 6.

A. Use row aligners to slide fixtures together.



B. Join fixtures with screws then connect wiring harnesses.



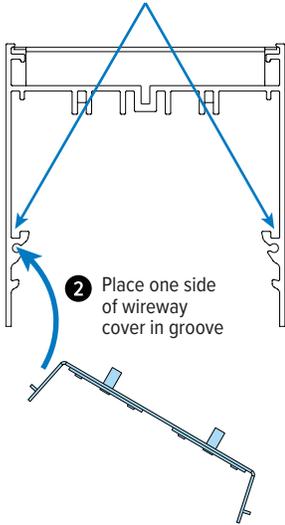
C. Suspend from ceiling. See STEP 4 AIRCRAFT CABLES or STEP 5 MICROSTEM on page 3.

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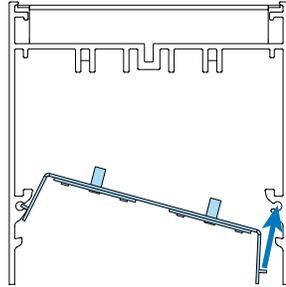
INSTALLATION INSTRUCTIONS

D. Ender fixtures only: install wireway cover.

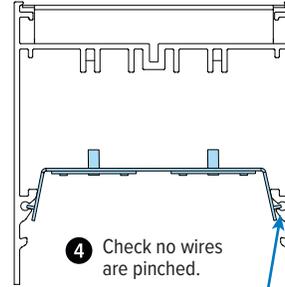
- 1 Tuck wires above this part of the extrusion.



- 2 Place one side of wireway cover in groove

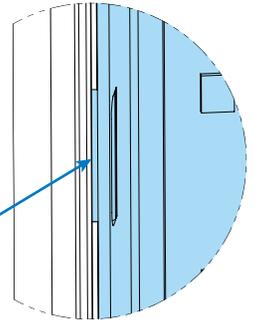


- 3 Install other side. Clips should snap into place.

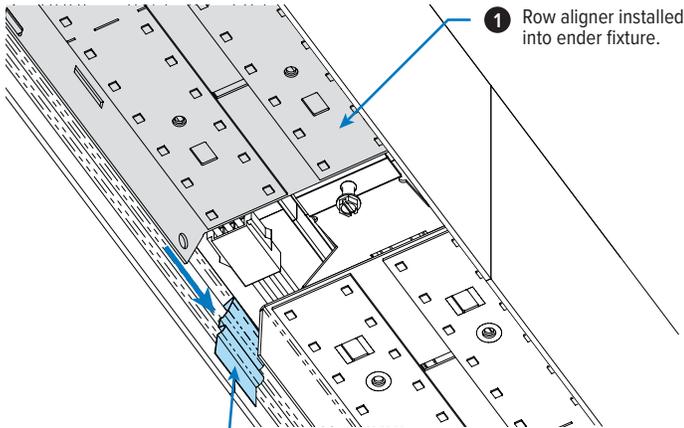


- 4 Check no wires are pinched.

- 5 Visually check tabs are engaged between wireway cover and extrusion.



E. Install light stops.

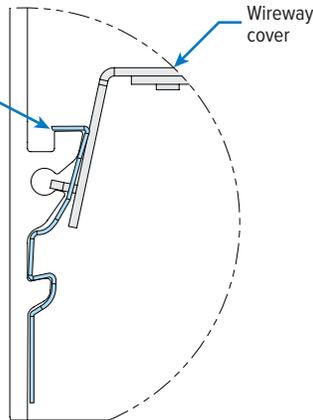


- 1 Row aligner installed into ender fixture.

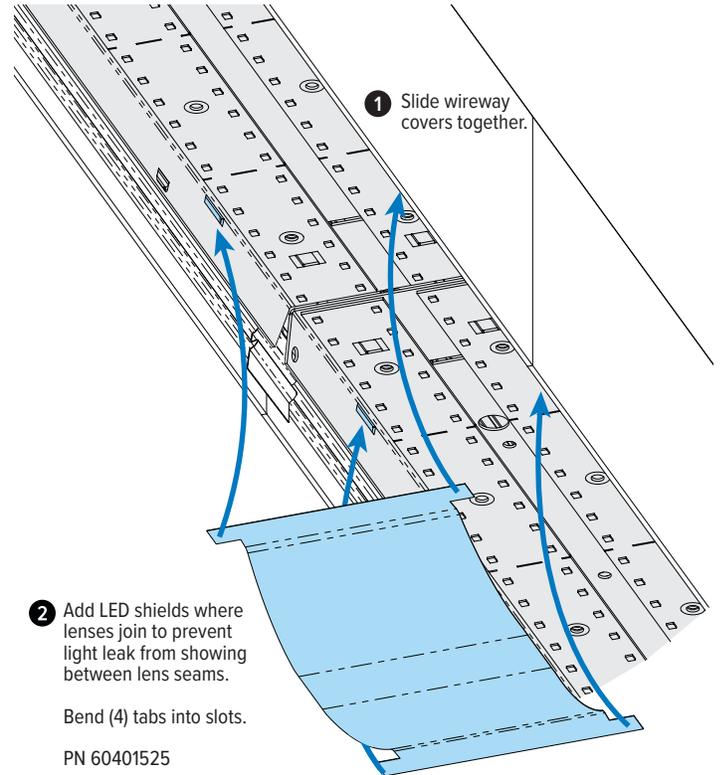
- 2 Slide light stops where fixtures join to prevent light leak from showing between the extrusions.

Slide light stops (1 per side) into place between wireway cover and extrusion.

White PN 31288110
Dark PN 31288111



F. Slide wireway covers together then place LED shields.



- 1 Slide wireway covers together.

- 2 Add LED shields where lenses join to prevent light leak from showing between lens seams.

Bend (4) tabs into slots.

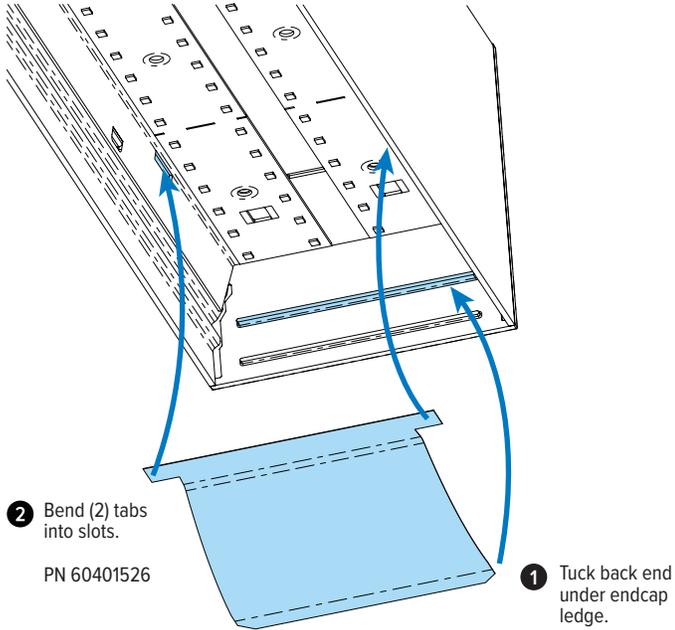
PN 60401525

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INSTALLATION INSTRUCTIONS

STEP 8 FINISHING

A. Install LED shields at fixture ends.



B. Reinstall lens.

