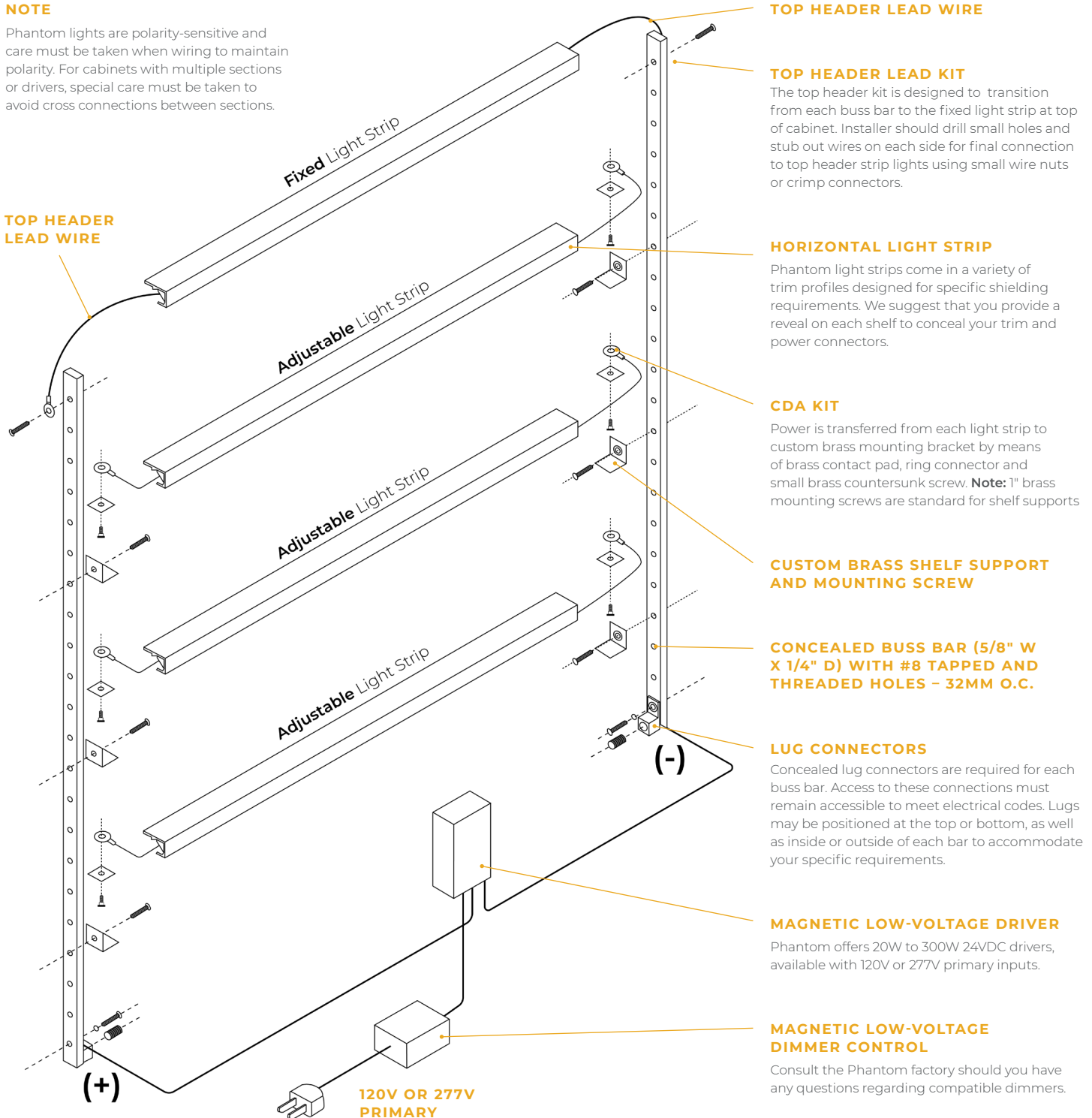


Concealed Mounting Specifications

NOTE

Phantom lights are polarity-sensitive and care must be taken when wiring to maintain polarity. For cabinets with multiple sections or drivers, special care must be taken to avoid cross connections between sections.



TOP HEADER LEAD WIRE

TOP HEADER LEAD KIT

The top header kit is designed to transition from each buss bar to the fixed light strip at top of cabinet. Installer should drill small holes and stub out wires on each side for final connection to top header strip lights using small wire nuts or crimp connectors.

HORIZONTAL LIGHT STRIP

Phantom light strips come in a variety of trim profiles designed for specific shielding requirements. We suggest that you provide a reveal on each shelf to conceal your trim and power connectors.

CDA KIT

Power is transferred from each light strip to custom brass mounting bracket by means of brass contact pad, ring connector and small brass countersunk screw. **Note:** 1" brass mounting screws are standard for shelf supports

CUSTOM BRASS SHELF SUPPORT AND MOUNTING SCREW

CONCEALED BUSS BAR (5/8" W X 1/4" D) WITH #8 TAPPED AND THREADED HOLES - 32MM O.C.

LUG CONNECTORS

Concealed lug connectors are required for each buss bar. Access to these connections must remain accessible to meet electrical codes. Lugs may be positioned at the top or bottom, as well as inside or outside of each bar to accommodate your specific requirements.

MAGNETIC LOW-VOLTAGE DRIVER

Phantom offers 20W to 300W 24VDC drivers, available with 120V or 277V primary inputs.

MAGNETIC LOW-VOLTAGE DIMMER CONTROL

Consult the Phantom factory should you have any questions regarding compatible dimmers.

POWER OPTION ABOVE

Install the driver inside cabinet above shelves, in the attic or in a ceiling location that can be accessed for future service.

VERTICAL BUSS BAR CONCEALED INSIDE GROOVE PROVIDED AT BOTH ENDS OF ADJUSTABLE SHELF

TOP HEADER LEAD WIRE (ON BOTH SIDES)

BUSS BARS

Install vertical buss bars at both ends of shelving for power to front side only. Rear shelf supports do not require a buss bar.

LIGHTING STRIP

Horizontal fixture mounted to the underside of each adjustable shelf

HOLE ALIGNMENT

Align holes for adjustable shelves with factory drilled threaded holes in vertical buss bar (32mm O.C.)

POWER OPTION BELOW

Install driver in cabinet below shelves or provide false bottom in base of shelving with access for future service.

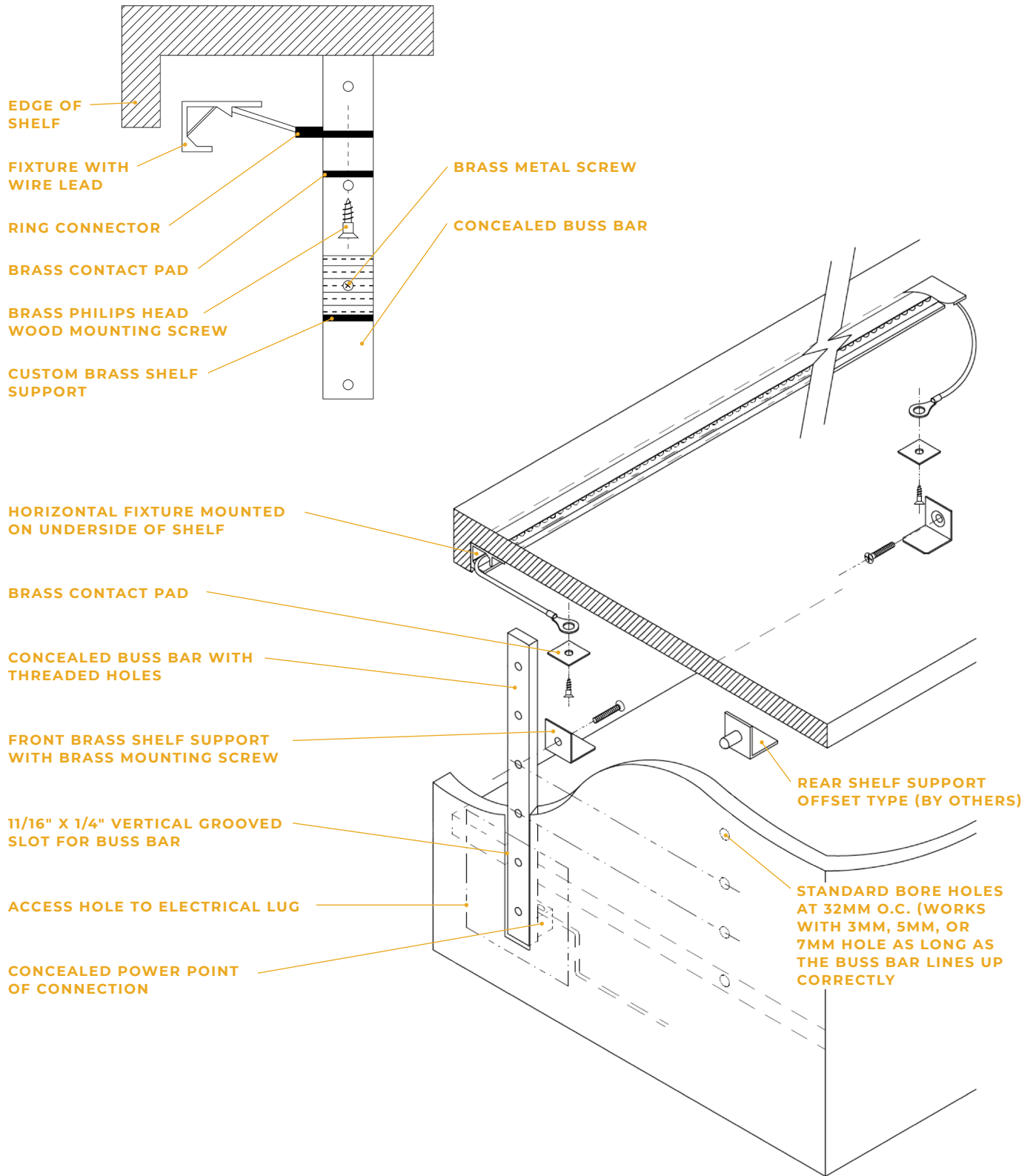
SIDE ACCESS

Access hole to buss bar lug connection on both sides

NOTE

Phantom lights are polarity-sensitive and care must be taken when wiring to maintain polarity. For cabinets with multiple sections or drivers, special care must be taken to avoid cross connections between sections.

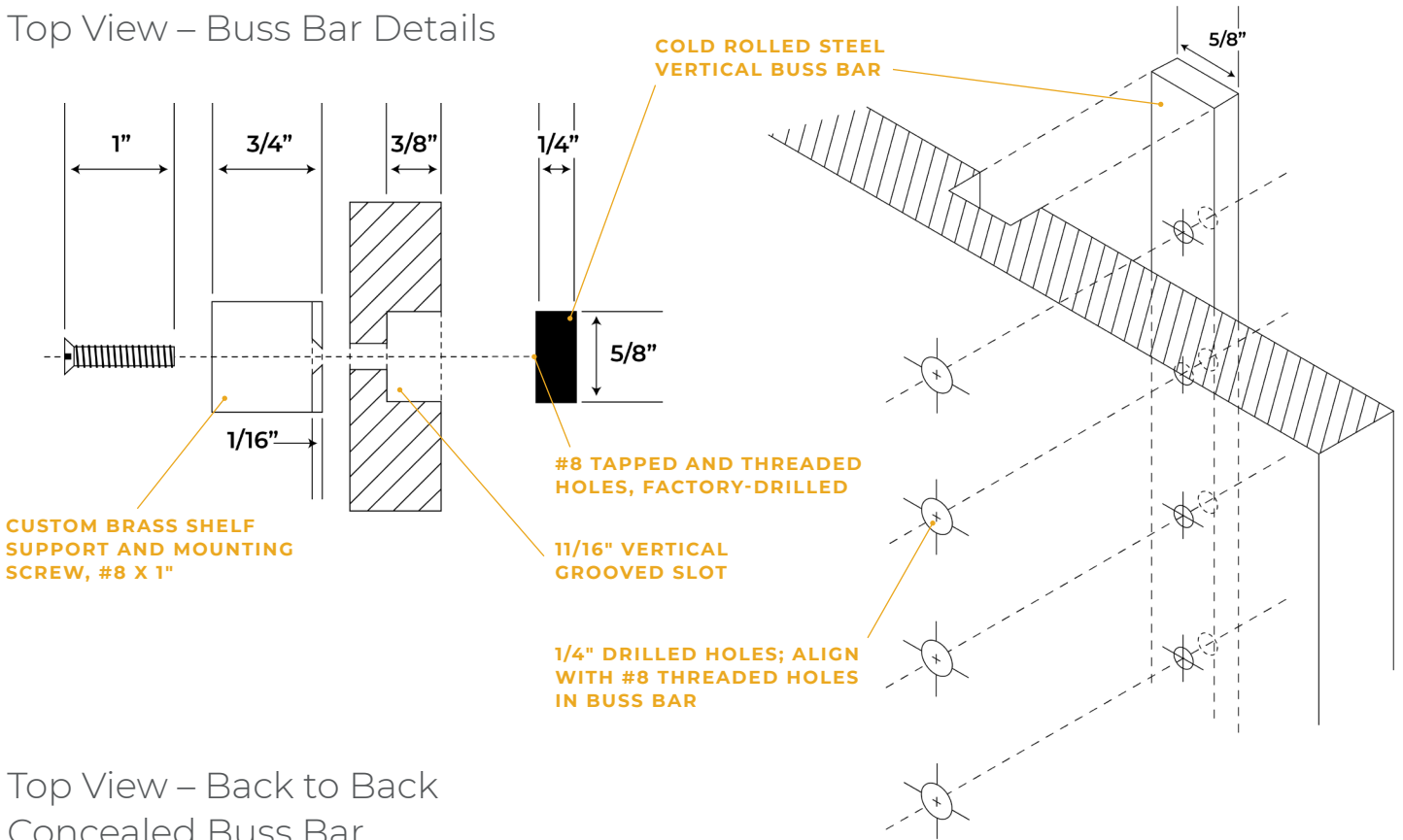
Side View – Power Assembly Components



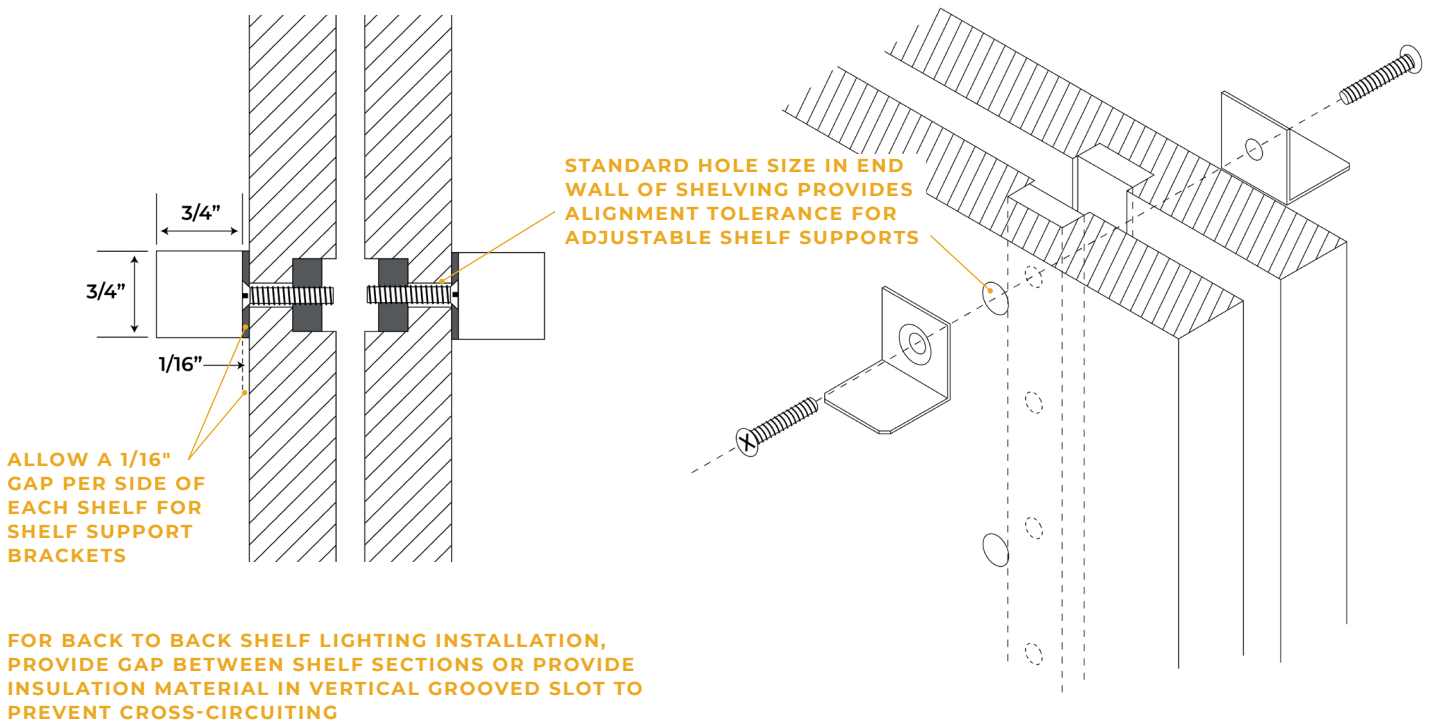
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Top View – Buss Bar Details



Top View – Back to Back Concealed Buss Bar

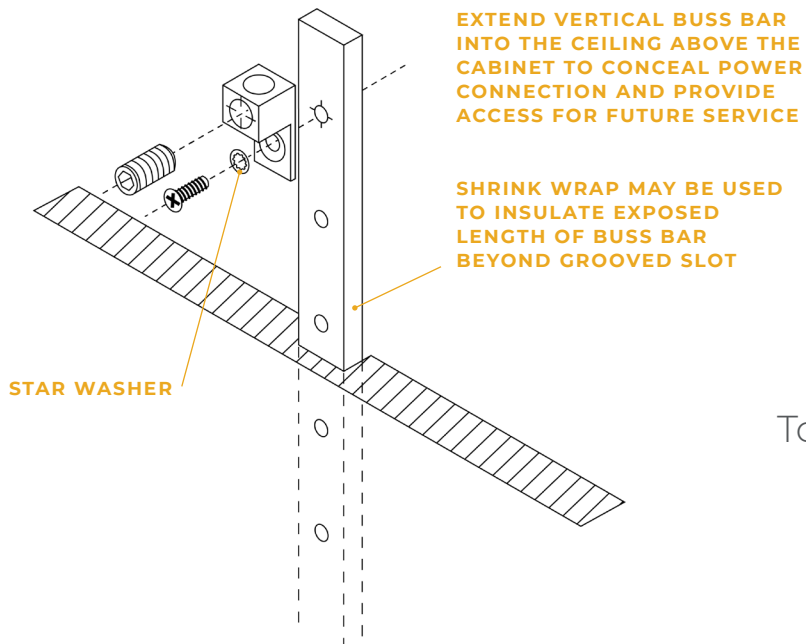


FOR BACK TO BACK SHELF LIGHTING INSTALLATION, PROVIDE GAP BETWEEN SHELF SECTIONS OR PROVIDE INSULATION MATERIAL IN VERTICAL GROOVED SLOT TO PREVENT CROSS-CIRCUITING

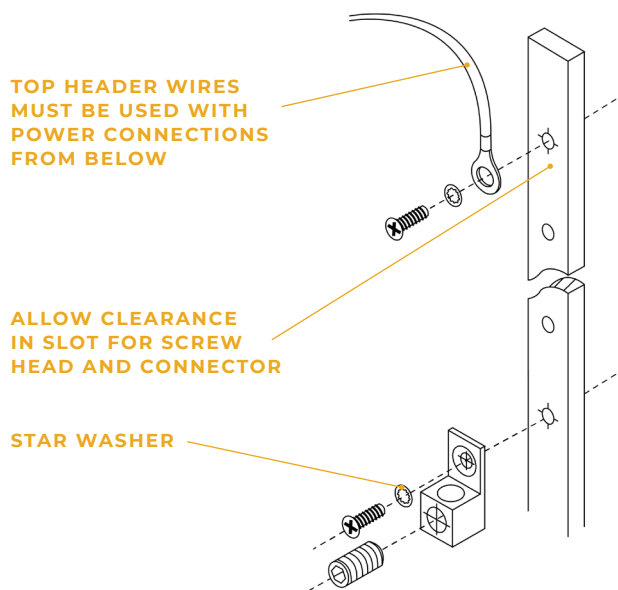
NOTE

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Power Connection Above



Top Header Wire



NOTE

Phantom lights are polarity-sensitive and care must be taken when wiring to maintain polarity. For cabinets with multiple sections or drivers, special care must be taken to avoid cross connections between sections.

Power Connection Below

