

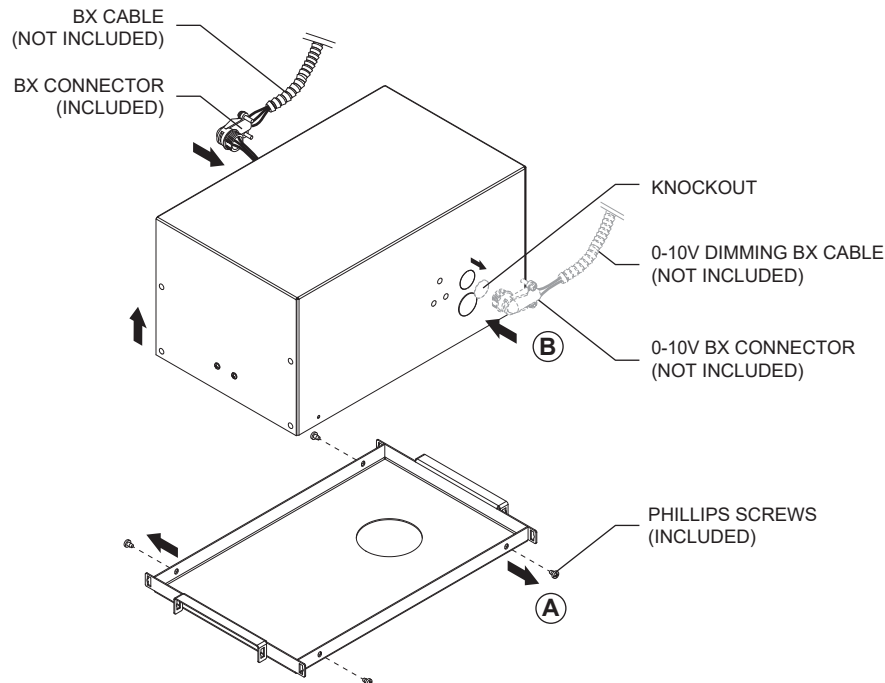
IMPORTANT - READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES, BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT, AND THE HAZARDS INVOLVED. PROPER GROUNDING IS REQUIRED FOR SAFETY.

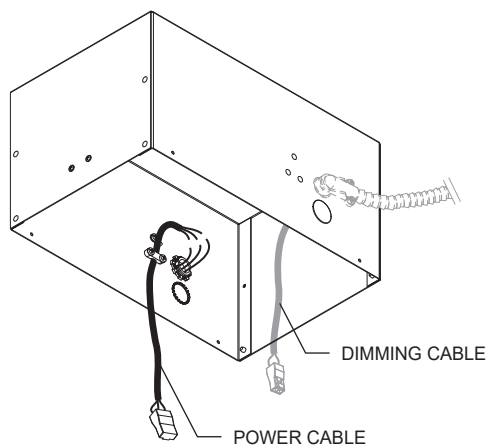
INSULATED CEILING / CHICAGO PLENUM INSTALLATION (IC / CP) INTEGRAL DRIVER (120V / 120-277V) DIMMING 0-10V (15%) - TRIAC / ELV (15%)

- A- REMOVE (4) PHILLIPS SCREWS IN ORDER TO OPEN HOUSING.
- B- **FOR INSULATED CEILING (IC) INSTALLATION:** INSTALL BX CABLE (**NOT INCLUDED**) USING BX CONNECTOR (**INCLUDED**).
FOR CHICAGO PLENUM (CP) INSTALLATION: REMOVE KNOCKOUT, INSTALL AIR TIGHT CONDUIT AND CONDUIT CONNECTOR (**NOT INCLUDED**).
***0-10V DIMMING FOR INSULATED CEILING (IC):** REMOVE EXTRA KNOCKOUT, INSTALL BX CABLE (**NOT INCLUDED**) USING BX CONNECTOR (**NOT INCLUDED**).
***0-10V DIMMING FOR CHICAGO PLENUM (CP):** REMOVE EXTRA KNOCKOUT, INSTALL AIR TIGHT CONDUIT AND CONDUIT CONNECTOR (**NOT INCLUDED**).
- C- MAKE ALL NECESSARY CONNECTIONS INSIDE THE BOX (**SEE WIRING DIAGRAM**) USING APPROPRIATE CONNECTORS (**NOT INCLUDED**).
- D- CLOSE THE HOUSING BY SCREWING THE (4) PHILLIPS SCREWS PREVIOUSLY REMOVED (A). LEAVE AT LEAST 6" (152mm) OF POWER CABLE ACCESSIBLE FROM UNDER THE CEILING.

A + B

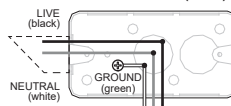


C



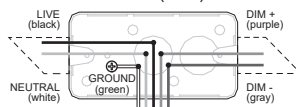
WIRING DIAGRAM

DIMMING 120V ONLY
TRIAC/ELV (LTE)



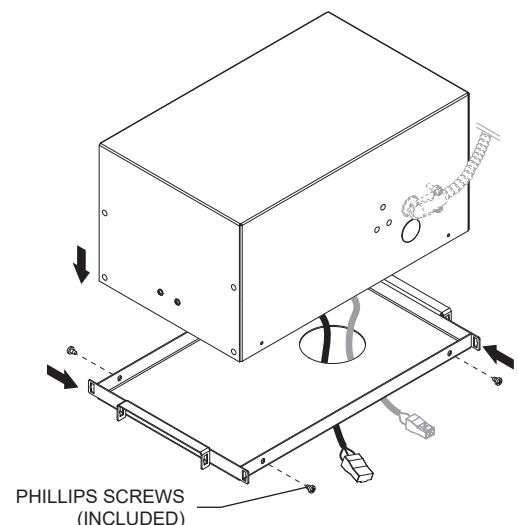
FIXTURE CABLES

DIMMING 120-277V
0-10V (D10)



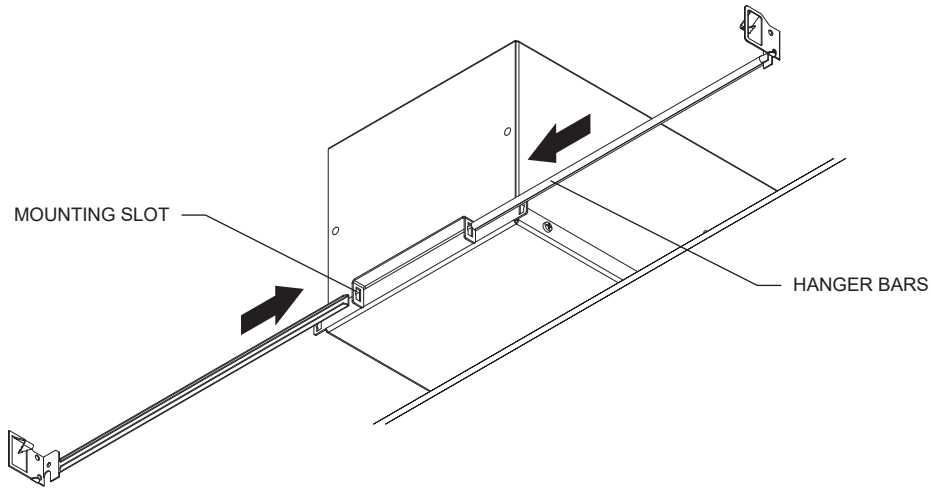
FIXTURE CABLES

D

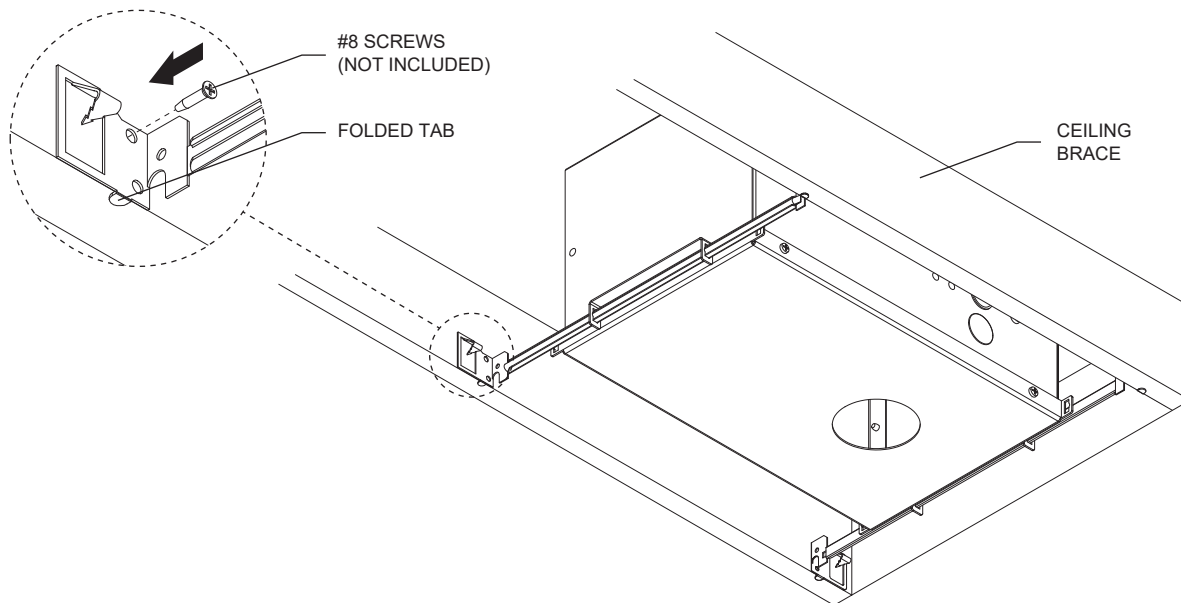


- E- ENGAGE THE (4) HANGER BARS THROUGH THE HOUSING MOUNTING SLOTS AVAILABLE AND CONNECT THEM TOGETHER.
 F- FASTEN THE HANGER BARS TO THE CEILING BRACES WITH #8 SCREWS (**NOT INCLUDED**). THE HOUSING MUST BE FLUSH WITH THE BOTTOM OF THE CEILING BRACES.
 G- INSTALL THE DRYWALL AND MAKE THE CUT-OUT OPENING (**SEE DIMENSIONS BELOW**).

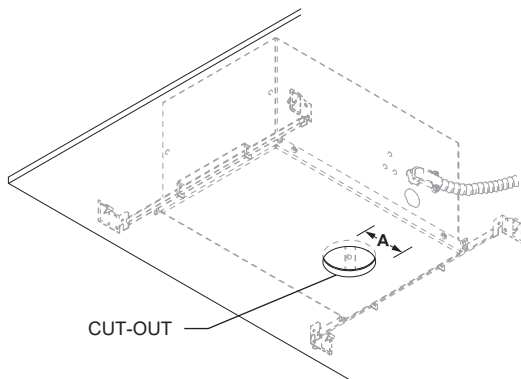
E



F



G

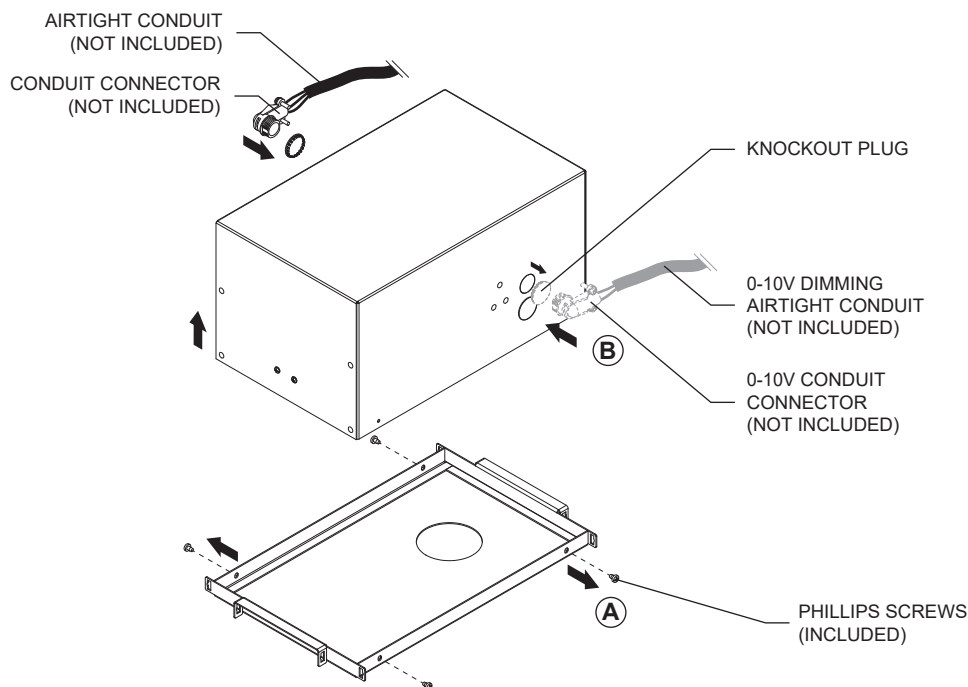


Model	Housing	Cut-out dimensions (A)	Ceiling thickness	Clearance
LOG3R	BI-LOG3RT-IC/CP-XXX	Ø2 3/4" (Ø 71mm)	1/8" - 1" (3 - 27mm)	7 1/4" (183mm)
	BI-LOG3RL-IC/CP-XXX	Ø 2 7/8" (Ø 73mm)		
LOG3S	BI-LOG3ST-IC/CP-XXX	2 5/8" x 2 5/8" (69 x 69mm)		
	BI-LOG3SL-IC/CP-XXX	2 3/4" x 2 3/4" (71 x 71mm)		

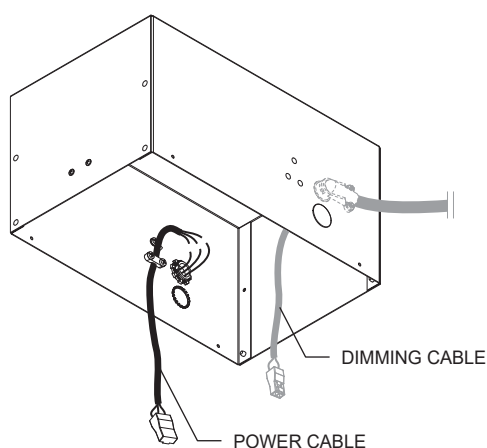
AIRTIGHT HOUSING INSTALLATION (AT) INTEGRAL DRIVER (120V / 120-277V) DIMMING 0-10V (5%) - TRIAC / ELV (5%)

- A- REMOVE THE (4) PHILLIPS SCREWS IN ORDER TO OPEN THE HOUSING.
B- REMOVE THE KNOCKOUT PLUG, INSTALL AN AIRTIGHT CONDUIT (**NOT INCLUDED**). AND A CONDUIT CONNECTOR (**NOT INCLUDED**).
*0-10V DIMMING: REMOVE AN EXTRA KNOCKOUT PLUG, INSTALL AN AIR TIGHT CONDUIT AND A CONDUIT CONNECTOR (**NOT INCLUDED**).
C- MAKE ALL NECESSARY CONNECTIONS INSIDE THE BOX (**SEE WIRING DIAGRAM**) USING APPROPRIATE CONNECTORS (**NOT INCLUDED**).
D- CLOSE THE HOUSING BY SCREWING THE (4) PHILLIPS SCREWS PREVIOUSLY REMOVED (A). LEAVE AT LEAST 6" (152mm) OF POWER CABLE ACCESSIBLE FROM UNDER THE CEILING.

A + B

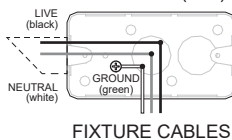


C

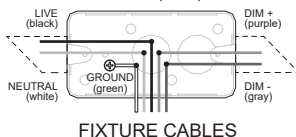


WIRING DIAGRAM

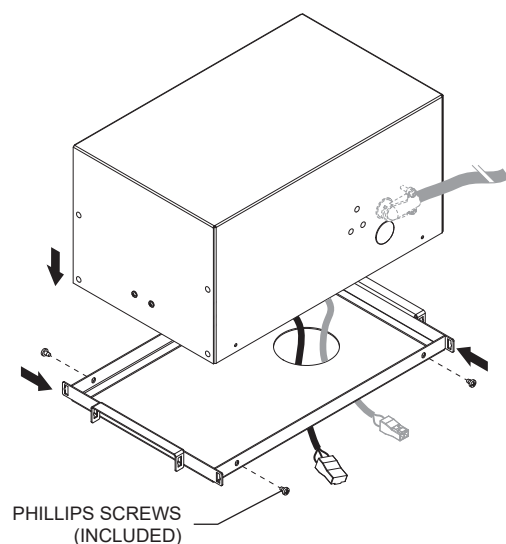
DIMMING 120V ONLY
TRIAC/ELV (LTE)



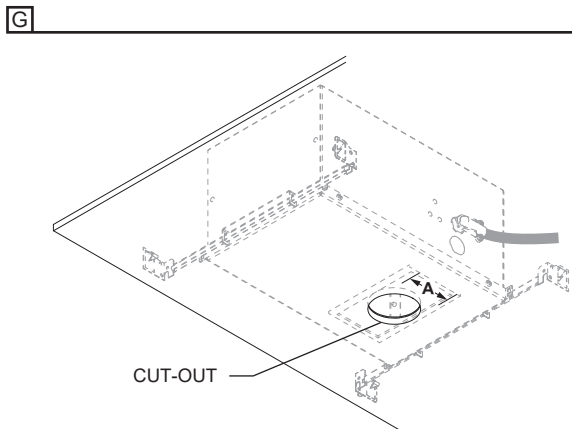
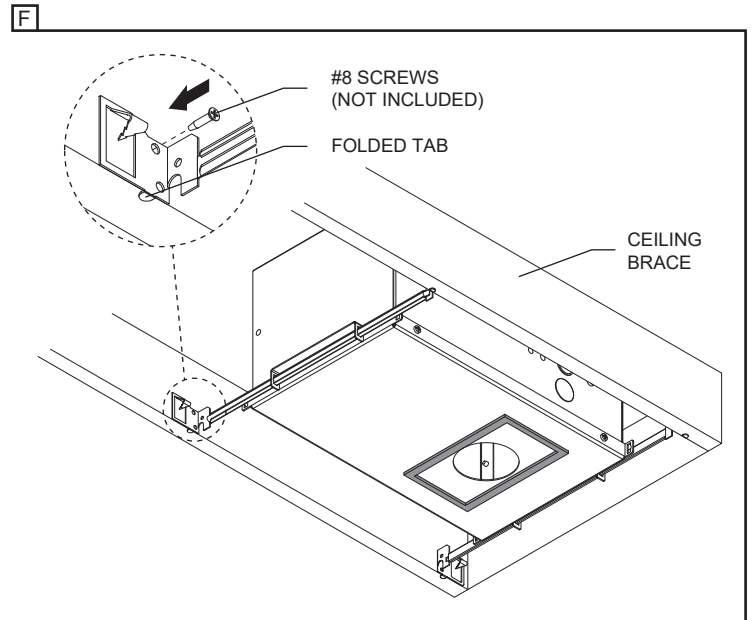
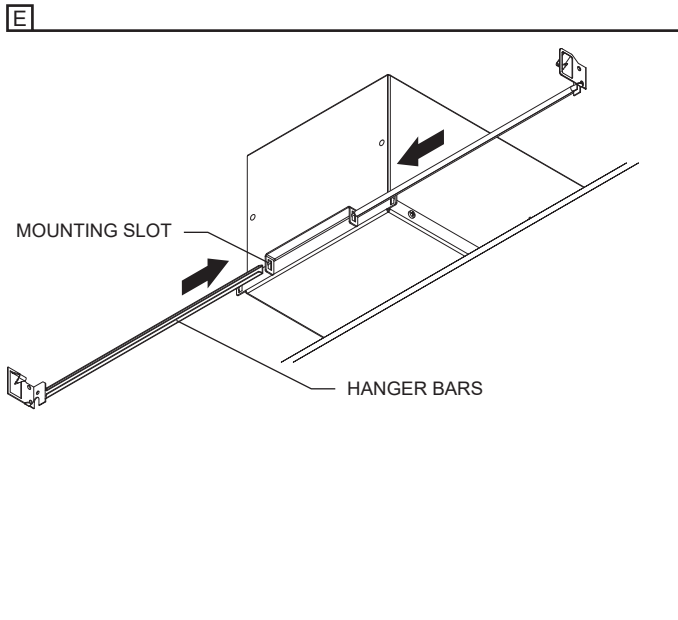
DIMMING 120-277V
0-10V (D10)



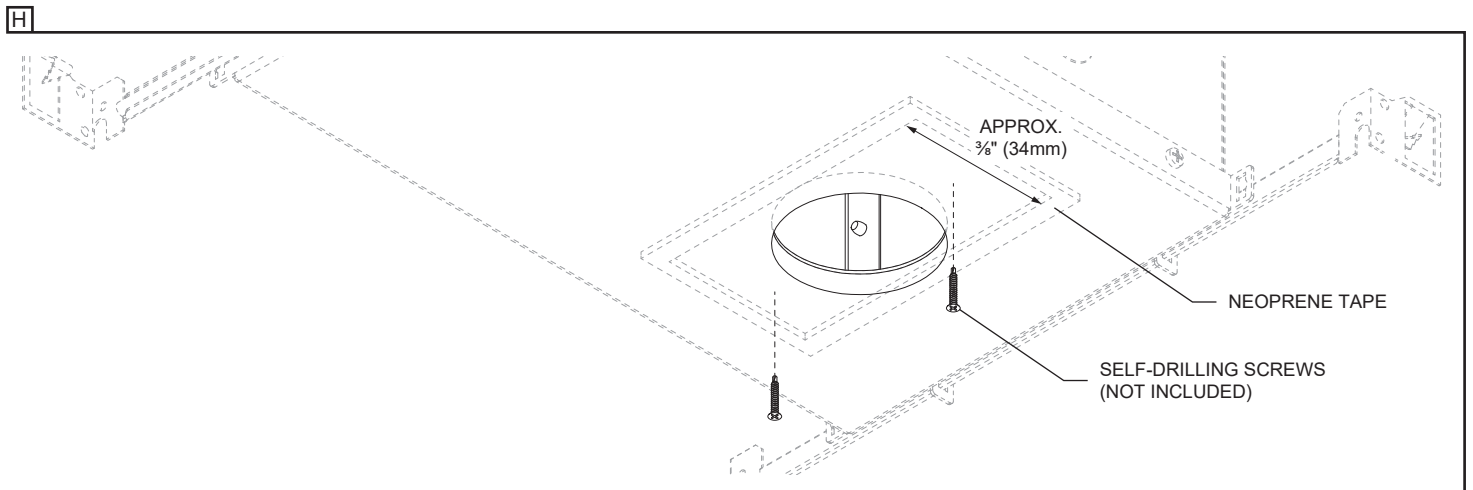
D



- E- ENGAGE THE (4) HANGER BARS THROUGH THE HOUSING MOUNTING SLOTS AVAILABLE AND CONNECT THEM TOGETHER.
 F- FASTEN THE HANGER BARS TO THE CEILING BRACES WITH #8 SCREWS (**NOT INCLUDED**). THE HOUSING MUST BE FLUSH WITH THE BOTTOM OF THE CEILING BRACES.
 G- INSTALL THE DRYWALL AND MAKE THE CUT-OUT OPENING (**SEE DIMENSIONS BELOW**).
 H- INSURE AN AIRTIGHT SEAL AROUND THE CUT-OUT OPENING USING (2) SELF-DRILLING SCREWS (**NOT INCLUDED**) ANYWHERE AROUND THE CUT-OUT OPENING INSIDE THE NEOPRENE TAPE.

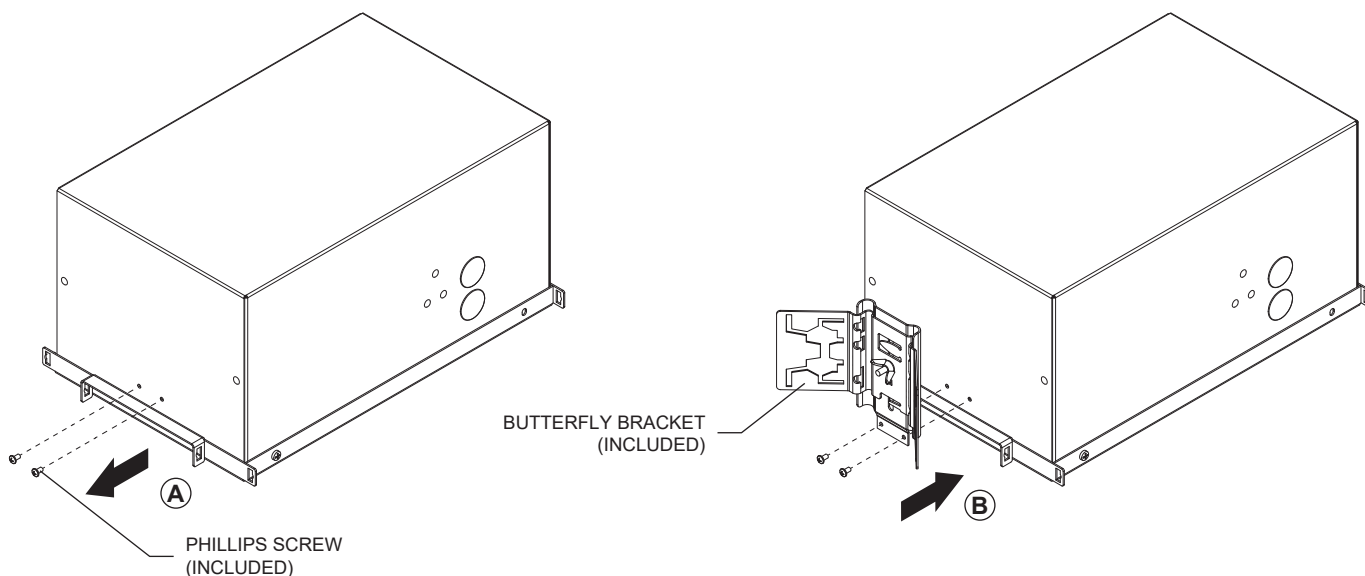


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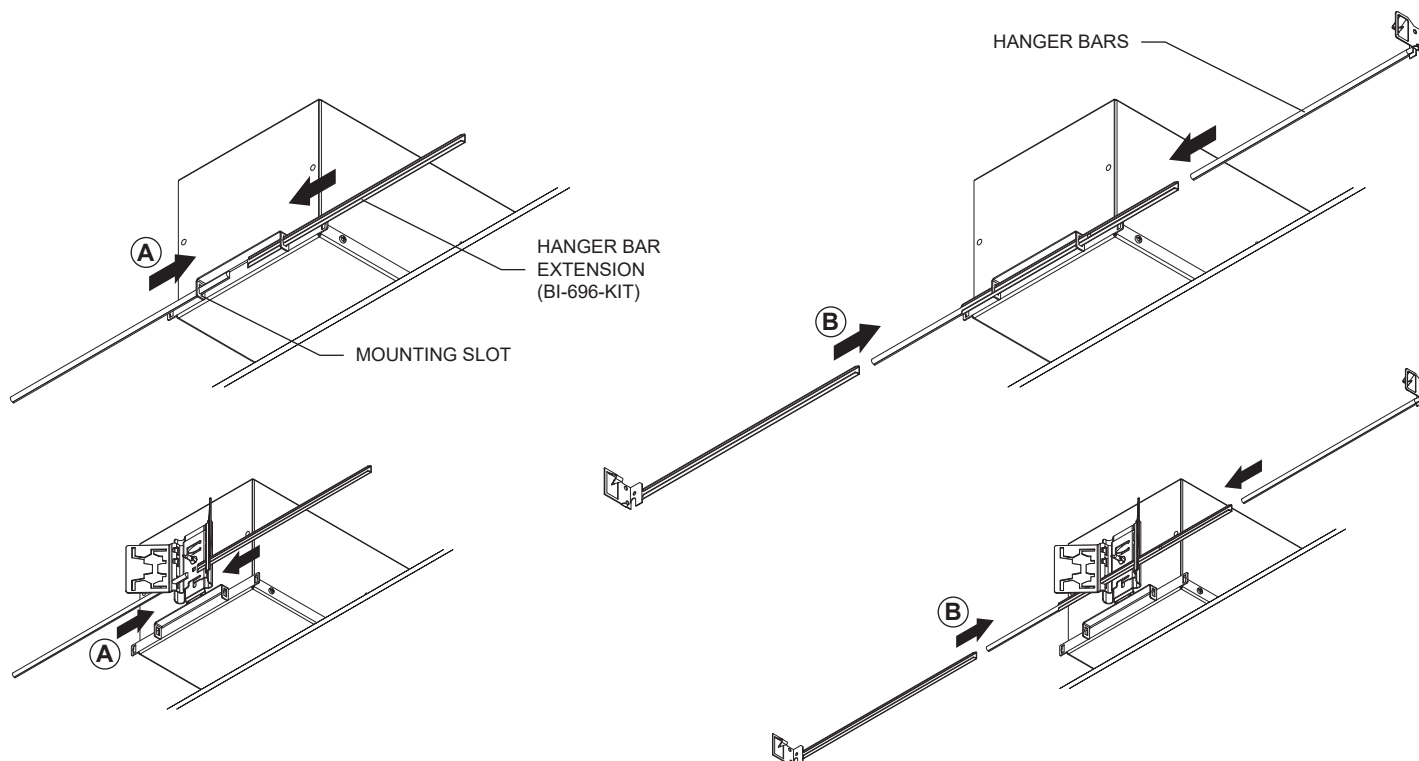
BUTTERFLY MOUNTING ACCESSORY INSTALLATION

- A- REMOVE THE (2) PHILLIPS SCREWS (**INCLUDED**) ABOVE THE HOUSING'S MOUNTING BRACKETS.
B- SCREW THE BUTTERFLY BRACKET ACCESSORY (**INCLUDED**) USING THE (2) PHILLIPS SCREWS.



HANGER BAR EXTENSION ACCESSORY INSTALLATION (BI-696-KIT)

- A- ENGAGE THE (4) HANGER BAR EXTENSIONS THROUGH THE HOUSING MOUNTING SLOTS AND CONNECT THEM TOGETHER.
B- SLIDE THE (4) HANGER BARS IN THE HANGER BAR EXTENSIONS AND ADJUST TO THE DESIRED LENGTH.



TRIM KIT INSTALLATION (IC / CP / AT)

A- **ROUND MODEL:** BEND AND HOLD THE SPRINGS AGAINST THE TRIM KIT AND ROTATE IN THE SPECIFIED DIRECTION (**SEE BELOW**) WHILE PUSHING UPWARD TO INSERT THE TRIM KIT INTO THE CEILING.

*ONCE INSERTED, SECURE THE TRIM KIT TO THE CEILING BY SCREWING (2) #8 SCREWS (**NOT INCLUDED**).

A- **SQUARE MODEL:** INSERT THE TRIM KIT INTO THE CEILING. TO HOLD THE KIT INSIDE THE HOUSING, SCREW THE (2) FIXATION BRACKET ADJUSTMENT SCREWS WITH A DRILL (**RECOMMENDED**). THE BRACKETS WILL OPEN AUTOMATICALLY WHILE SCREWING.

B- FINISH THE ASSEMBLY BY PLASTERING, SANDING AND PAINTING.

