STRIA 3P™
Installation Instructions

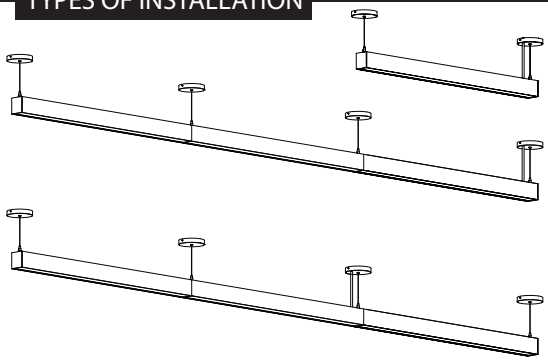
⚠ WARNING

PLEASE READ ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION

— To ensure safety and avoid damage, only licensed electricians should perform installation and maintenance.
— To avoid electric shock or component damage disconnect power before attempting installation or servicing.
— This product must be installed in accordance with the National Electrical Code (NEC) and all applicable federal, state and local electrical codes and safety standards.
— Disconnect product and allow cooling prior to servicing.
— Any alteration or modification of this product is expressly forbidden as it may cause serious personal injury, death, property damage and/or product malfunction.
— To prevent product malfunction and/or electrical shock this product must be properly grounded.
— 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.

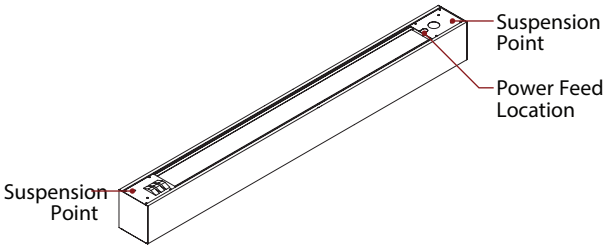
Turn off power before performing installation or maintenance.

TYPES OF INSTALLATION



POWER FEED AND SUSPENSION POINTS

Use suspension points at each end of each luminaire when pendant mounted.



CONNECTING MULTIPLE LUMINAIRES

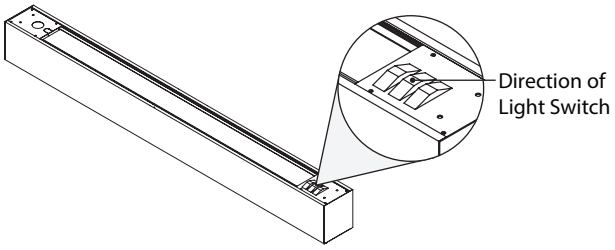
Determine type of system installation prior to mounting.
The LED system can be powered in a single direction with internal quick connects
The LED system can be powered in multi-directions with accessories (Contact TGS for additional information)

Single Direction Installation

Multi-Direction Installation from Junction Box

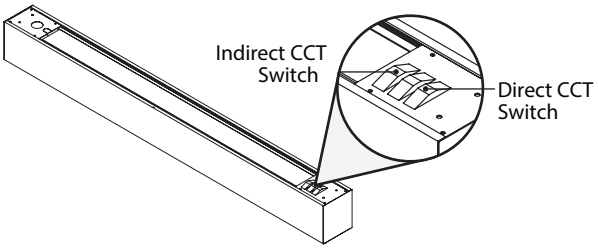
CHANGING DIRECTION OF LIGHT:

Note: LED luminaires are preset to Direct and Indirect illumination.
1. Before installing luminaires, determine direction of light.
2. Direction of light switch is located on the top of each luminaire.
3. Slide switch to the desired direction.



CHANGING COLOR TEMPERATURE:

Note: LED luminaires are preset to 3000K in each direction of light.
1. Before installing luminaires, determine color temperature for each direction of light.
2. Color temperature switches are located on the top of each luminaire.
3. Slide each switch to the desired color temperature.



STRIA 3P™
Installation Instructions

PENDANT MOUNTED: SINGLE LUMINAIRES:

1. Connect power cord to 3-wire male and 2-wire male quick connects provided with pendant power canopy on "H" stop end. Black, White & Green connect to 3-wire quick connect and Purple & Pink (or Grey) to 2-wire quick connect. (Figure 1)
2. Remove end cap, top LED assembly and tab from luminaire on power feed side. (Figure 2)
3. Slide power cord's "H" stop into tab on knockout plate. Confirm "H" sits between knockout plate. (Figure 3)
4. Connect power cord to luminaire's input wires. (Figure 4)
5. Tuck wires into the luminaire and return the top LED assembly and end cap. (Figure 5)
6. Attach aircraft bracket to slotted rails (Figure 6A) and with (2) locking screws (Figure 6B)
7. Insert power cord through strain relief assembly to desired length and tighten strain relief cap. (Figure 7)
8. Cut power cord to desired length and strip for wiring. Connect wires to input voltage accordingly:
   - Black (120-347V) = Supply Voltage
   - White = Neutral
   - Green or Copper Wire = Grounding Junction Box Wire

   0-10V Wiring:
   - Purple = Dim (+)
   - Pink or Grey = Dim (-)
9. Carefully insert wires inside junction box and attach mounting plate with (2) plate screws. (Figure 8)
10. Attach canopy to mounting plate with (2) canopy screws. (Figure 9)
11. Assemble aircraft mounting kit and attach to second suspension point. (Figure 10)
12. Installation complete for single luminaire. (Figure 11)

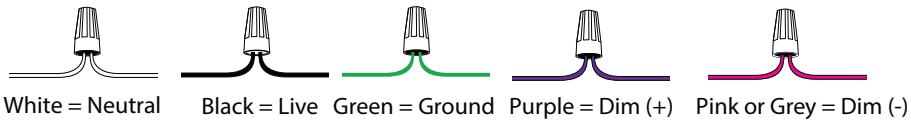


Figure 1

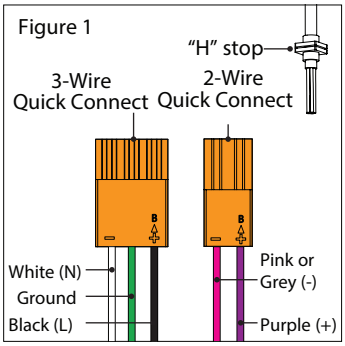


Figure 2

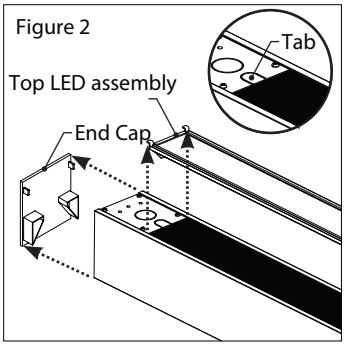
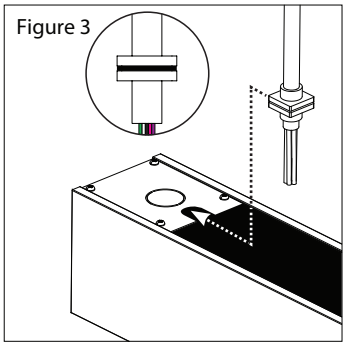


Figure 3



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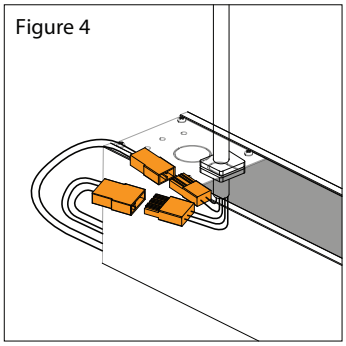

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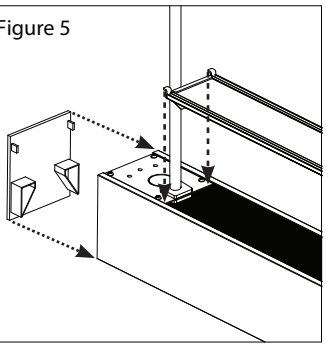


Figure 6A

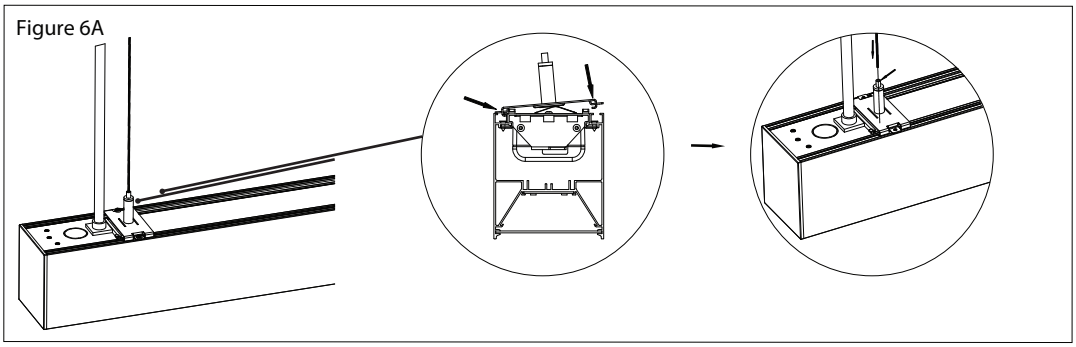
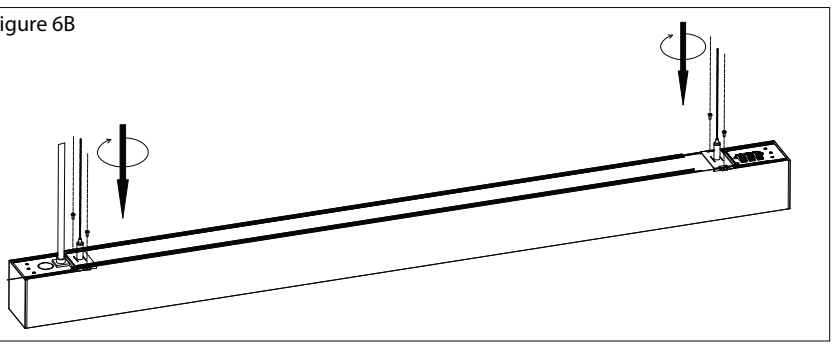


Figure 6B



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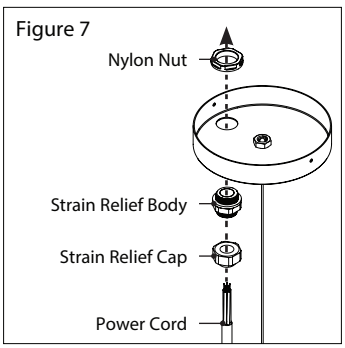


PENDANT MOUNTED: SINGLE LUMINAIRES CONT.

Figure 8

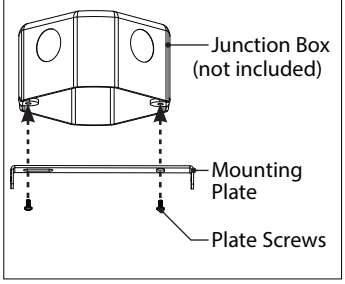


Figure 9

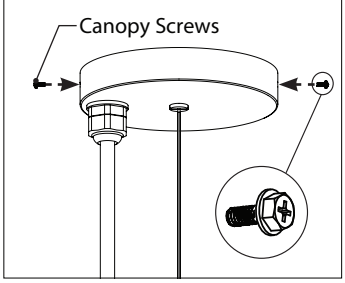


Figure 10

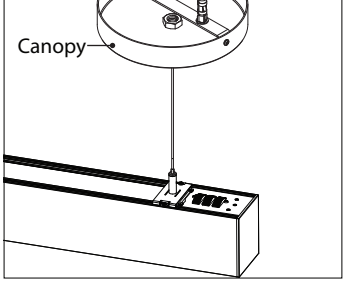
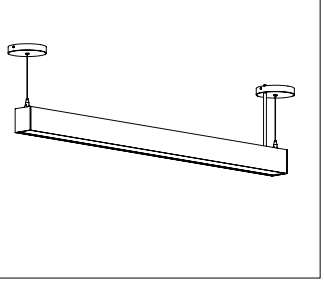


Figure 11



PENDANT MOUNTED: CONTINUOUS ROW LUMINAIRES:

1. Remove end cap on switch side from luminaire (A) and end cap on power feed side from luminaire (B). (Figure 1)
2. Connect luminaires' quick connects together. (Figure 2)
3. Insert link connector bracket with hook into luminaires. (Figure 3) NOTE: Be careful not to pinch the wires.
4. Attach aircraft mounting kit to luminaire (B)'s suspension point. (Figure 4)

For additional luminaires, repeat steps 1 to 4.

NOTE: Maximum wattage per run is 420W, operating over max. wattage will lead to failure and void warranty.

Single Direction

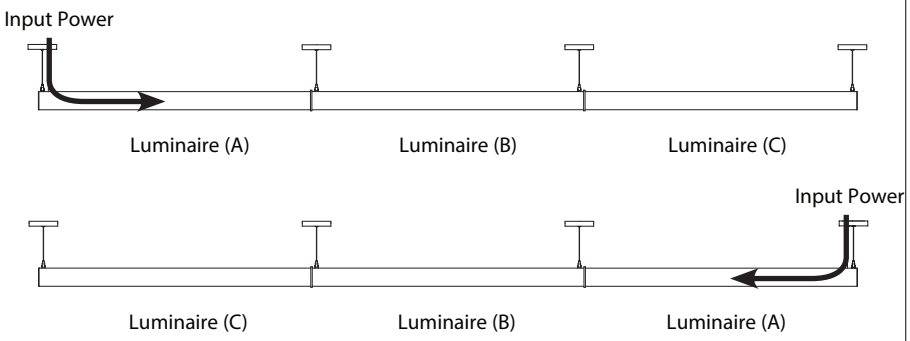


Figure 1

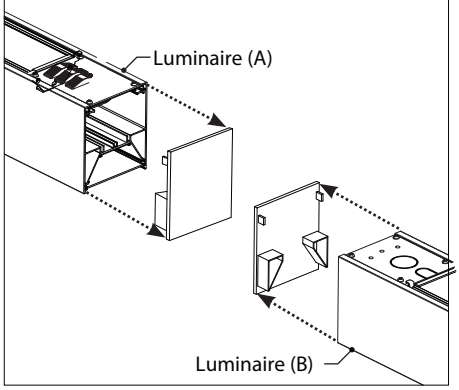


Figure 2

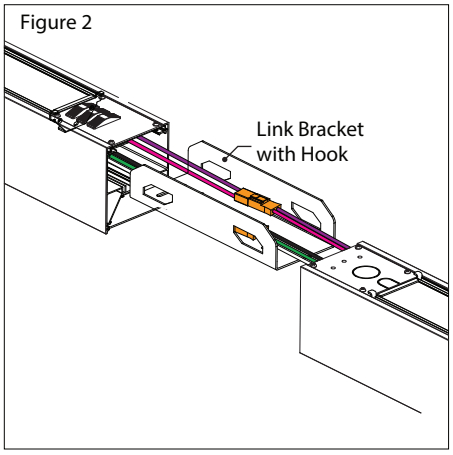
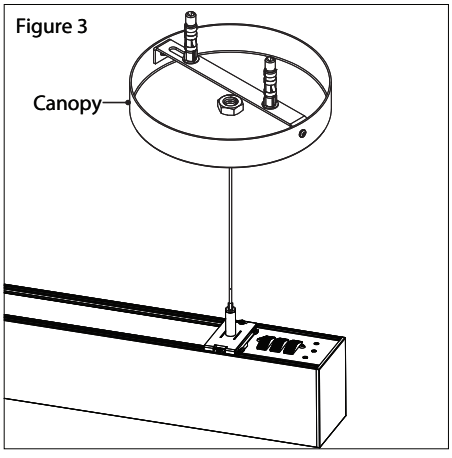


Figure 3

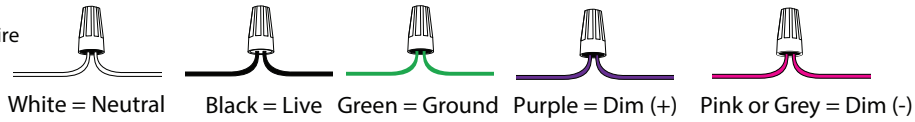


STRIA 3P™
Installation Instructions

PENDANT MOUNTED: CONTINUOUS ROW MULTIPLE LUMINAIRES (MULTI-DIRECTION)

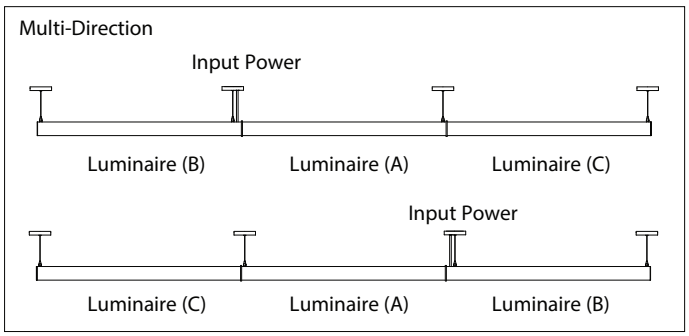
1. Connect power cord to 3-wire male and 2-wire male yellow quick connects provided with wire harness kit (S3-SR-MAC) on "H" stop end. Black, White & Green connect to 3-wire quick connect and Purple & Pink (or Grey) to 2-wire quick connect. (Figure 1)
2. Remove end cap, top LED assembly and tab from luminaire on power feed side. (Figure 2)
3. Attach aircraft bracket to slotted rails (Figure 3A) and with (2) locking screws (Figure 3B)
4. Slide power cord's "H" stop into tab on knockout plate. Confirm "H" sits between knockout plate. (Figure 4)
5. Connect power cord to the rest of the wire harness kit (S3-SR-MAC), connect wire harness to each luminaire accordingly and return the top LED assembly. (Figure 5)
6. Insert link bracket into both luminaires. Note: Place wire harness and connections inside link bracket. (Figure 6)
7. Insert power cord through strain relief assembly to desired length and tighten strain relief cap. (Figure 7)
8. Cut power cord to desired length and strip for wiring. Connect wires to input voltage accordingly: 0-10V DIMMING (Cap off 0-10V dimming wires if not used)
   - Black (120-347V) = Supply Voltage
   - White = Neutral
   - Green or Copper Wire = Grounding Junction Box Wire

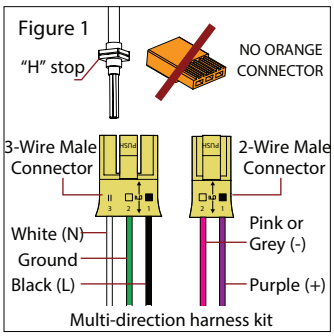
   0-10V Wiring:
   - Purple = Dim (+)
   - Pink or Grey = Dim (-)

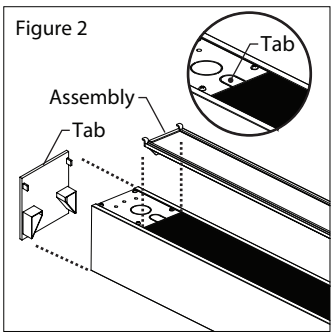


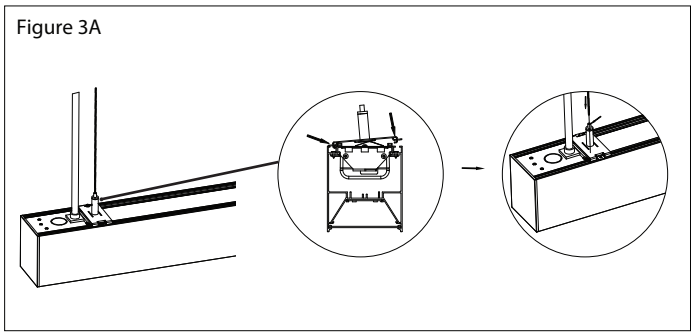
9. Carefully insert wires inside junction box and attach mounting plate with (2) plate screws. (Figure 7)
10. Attach canopy to mounting plate with (2) canopy screws. (Figure 8)
11. Assemble aircraft mounting kit(s) and attach to suspension point(s). (Figure 9)

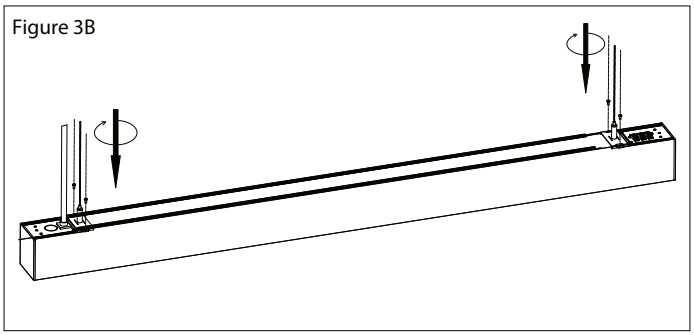
NOTE: Maximum wattage per run is 420W, operating over max. wattage will lead to failure and void warranty.

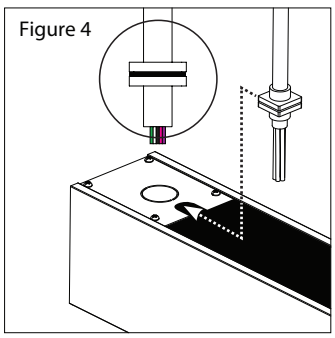


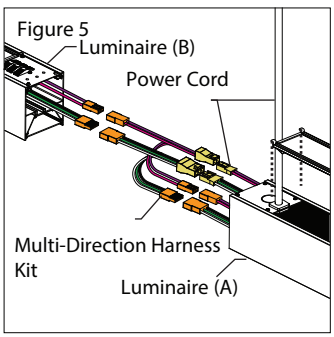


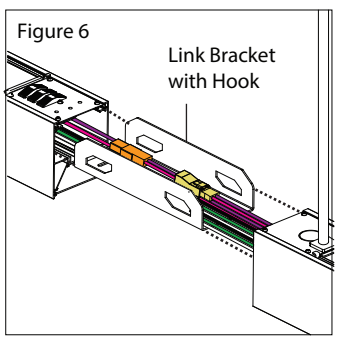


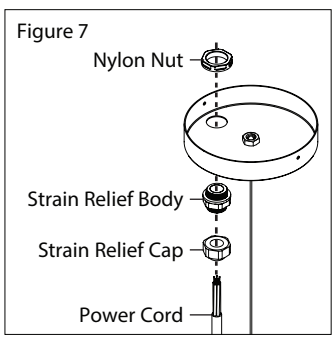












PENDANT MOUNTED: CONTINUOUS ROW MULTIPLE LUMINAIRES (MULTI-DIRECTION) CONT.

Figure 8

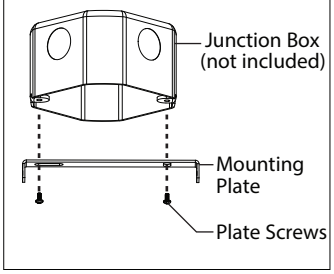
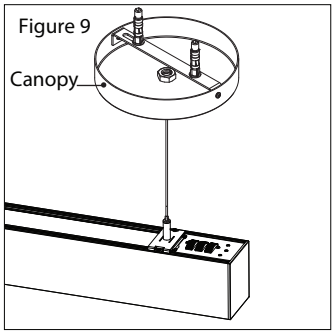
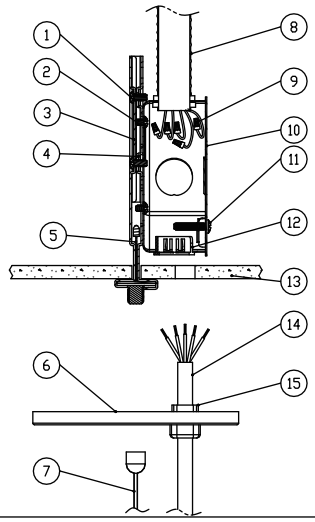


Figure 9

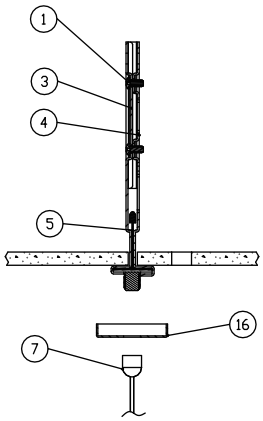


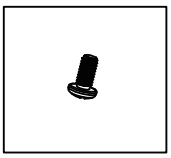
PENDANT MOUNTED: DROP CEILING KIT

Powered Section

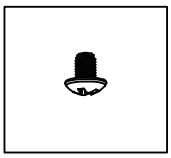


Non-Powered Section

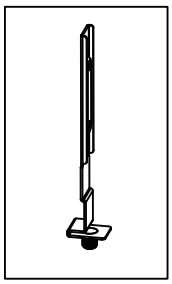




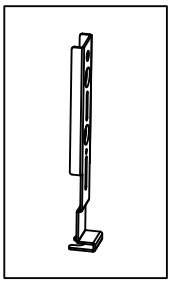
1) M4x8mm Screws



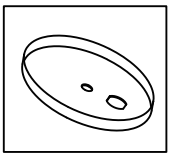
2) M4x5mm Screws



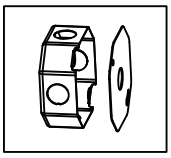
3) T-Grid Mounting Bracket Section



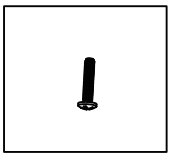
4) T-Grid Mounting Bracket Locking Section



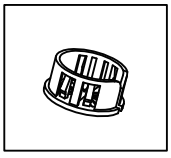
6) 5" Canopy



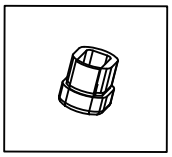
10) Junction Box



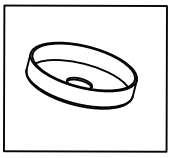
11) 8# 32x1-3/4" Screws



12) Plastic Grommet



15) Cable Tie



16) 1.7” Canopy

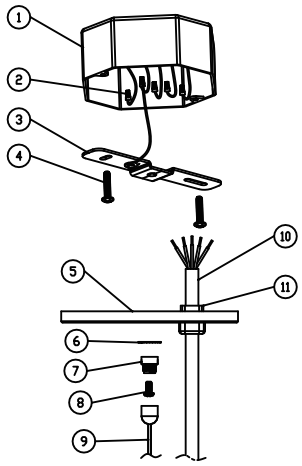
LIST:

1) M4x8mm Screws (4 PCS)
2) M4x5mm Screws (2 PCS)
3) T-Grid Mount Bracket (2 PCS)
4) T-Grid Mount Locking Bracket (2 PCS)
5) T-Grid [Provided by other]
6) 5-in Canopy (2 PCS)
7) Aircraft Cable
8) Armored Cable & Connector [Provided by other]
9) Wire Nuts [Provided by other]
10) Junction Box (1 PCS)
11) #8-32 x 1-3/4" screw (6 PCS)
12) Plastic Grommet (1 PCS)
13) Ceiling Tile [Provide by other]
14) AC Power Cord [Provided by other]
15) Cable Tie (2 PCS)
16) 1.7 inch Canopy (1 PCS)

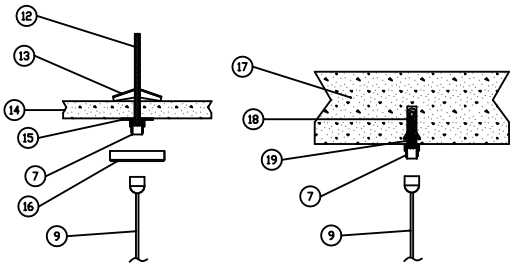
STRIA 3P™
Installation Instructions

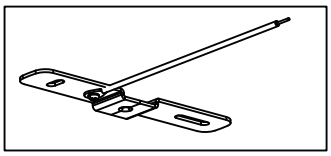
PENDANT MOUNTED: DRYWALL KIT

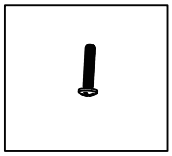
Powered Section

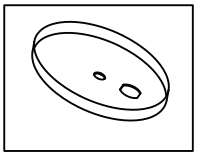


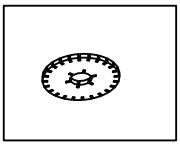
Non-Powered Section

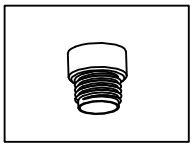


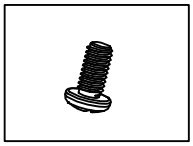

3. I-bracket

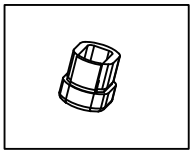

4. 8#-32x1-3/4 screws

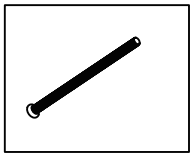

5. 5-inch canopy

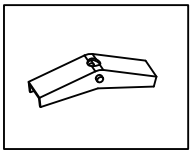

6.M4 inner and outer serrated gaskets

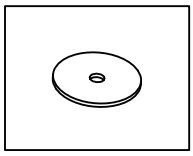

7.Secure the head

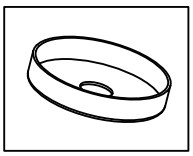

8.M4*10mm screws

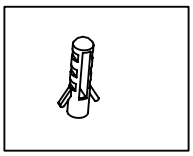

11.Cable tie

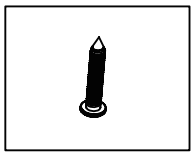

12.M4*70mm screws


13.M4 aircraft expansion screws


15.M4 flat gasket


16.1.7inch canopy


18. Plastic Grommet


19.PA4x30mm screws

LIST:

1) Junction Box [Provided by other]
2) Wire Nut [Provided by other]
3) I-Bracket (1 PCS)
4) #8-32 x 1-3/4" screw (4 PCS)
5) 5-in Canopy (2 PCS)
6) M4 Inner and outer serrated gaskets (1 PCS)
7) Secure the head (2 PCS)
8) M4x10mm Screws (2 PCS)
9) Aircraft Cable
10) AC Power Cord [Provided by other]
11) Cable Tie (1 PCS)
12) M4x70mm Screws (2 PCS)
13) M4 Aircraft expansion screws (2PCS)
14) Drywall Ceiling [Provided by other]
15) M4 Flat Gasket (2 PCS)
16) 1.7 inch Canopy (1 PCS)
17) Solid Ceiling [Provided by other]
18) Plastic Grommet (4 PCS)
19) PA4x30mm Screws (4 PCS)