

## INSTALLATION MANUAL PENDANT MOUNTED

### INDEX

- A:** SINGLE UNIT INSTALLATION
- B:** CONTINUOUS INSTALLATION
- C:** CORNER INSTALLATION
- D:** WIRING DETAILS

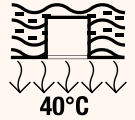


#### WARNING:

The safety and warranty of this fixture is guaranteed only if installed in compliance with below instruction manual.



**IP20**



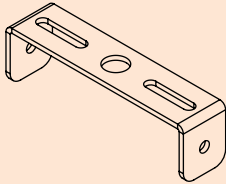
THE LOW SURFACE TEMPERATURE (40°C) IMPOSE NO LIMITS ON INSTALLATION

### A. SINGLE UNIT INSTALLATION

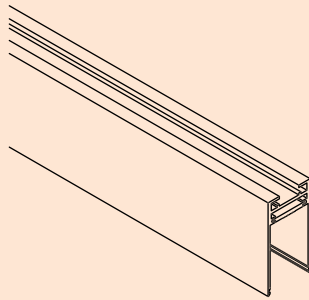
#### Provided Components



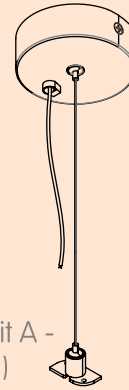
End Cap-(x2)



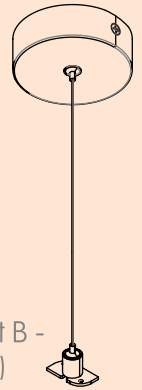
Bracket-(x2)



Specter profile-(x1)



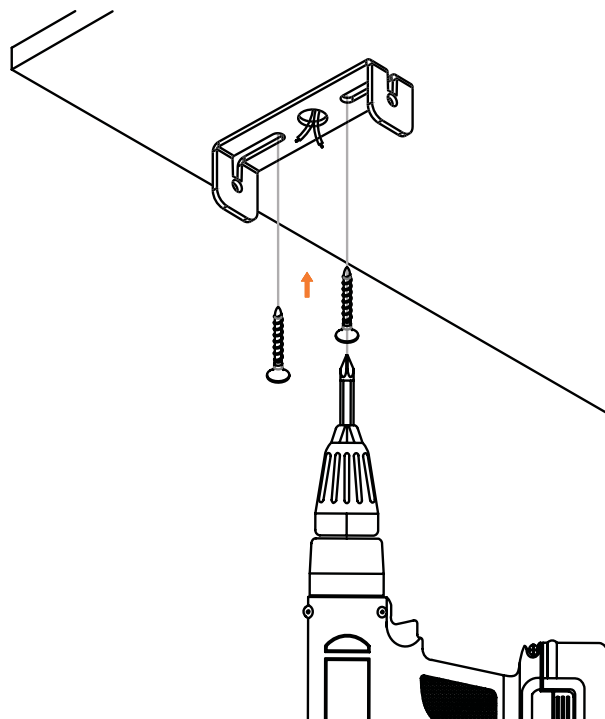
Suspension Kit A -  
Feeder (x1)



Suspension Kit B -  
Support (x1)

1.

- ▶ Thread the low voltage wires through the bracket's middle hole.
- ▶ Fasten the bracket of suspension kit A (feeder) in place using screws compatible with the mounting surface. Install per factory shop drawings.



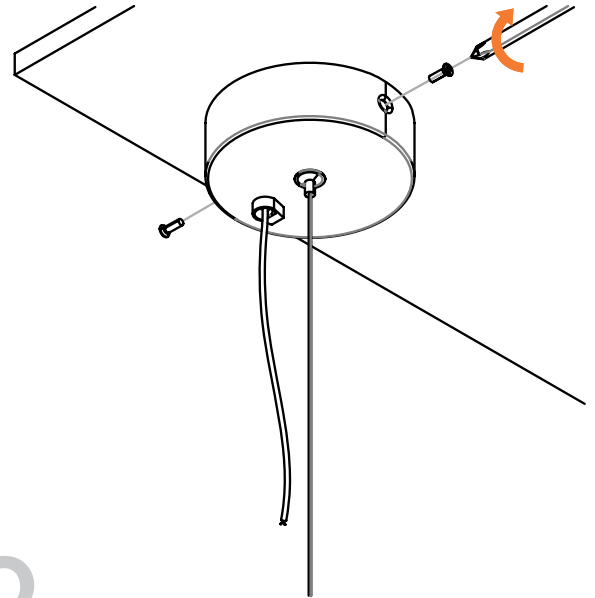
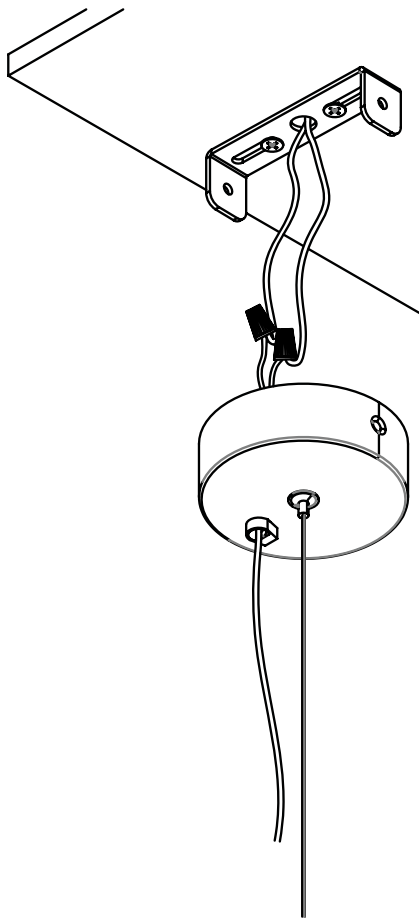


**WARNING:** Shock hazard. Serious injury or death may occur. Turn Off power before servicing or installing. Wire according to local and national codes. This product shall be installed by a qualified electrician.



## 2.

- ▶ Connect the pendant kit wires to the low voltage cable using the provided connectors.

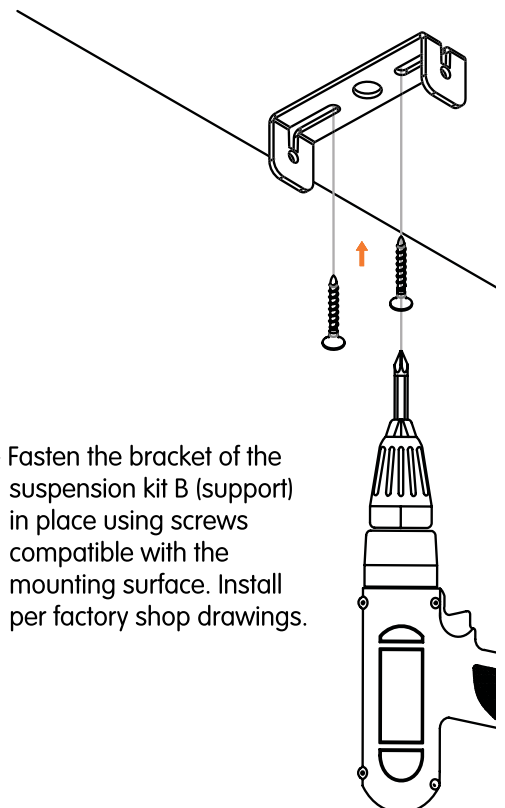


## 3.

- ▶ Position the pendant canopy kit in place and screw onto the bracket.

## 4.

- ▶ Fasten the bracket of the suspension kit B (support) in place using screws compatible with the mounting surface. Install per factory shop drawings.

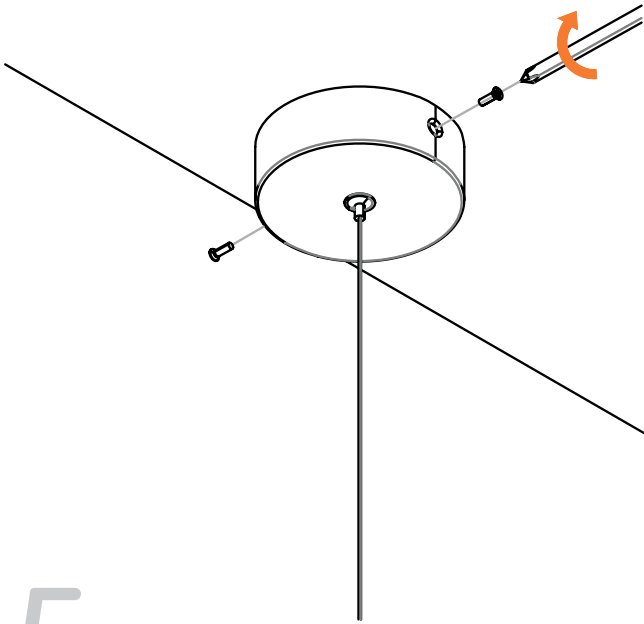


**WARNING:** Failure to secure safety cables can lead to injury or death!

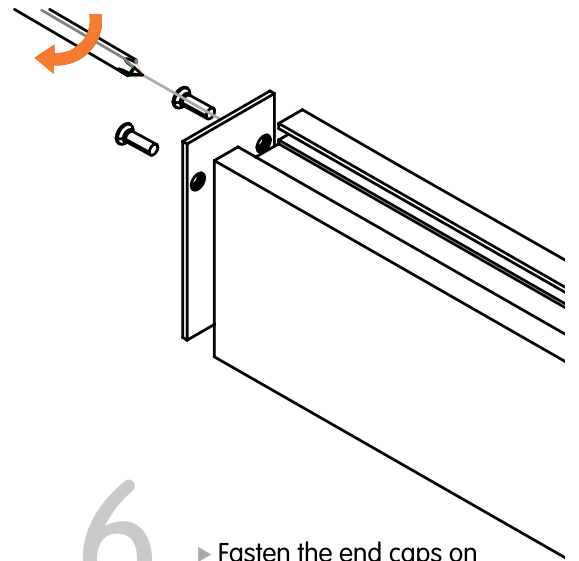
# specter

PENDANT MOUNTED

bold  
lighting

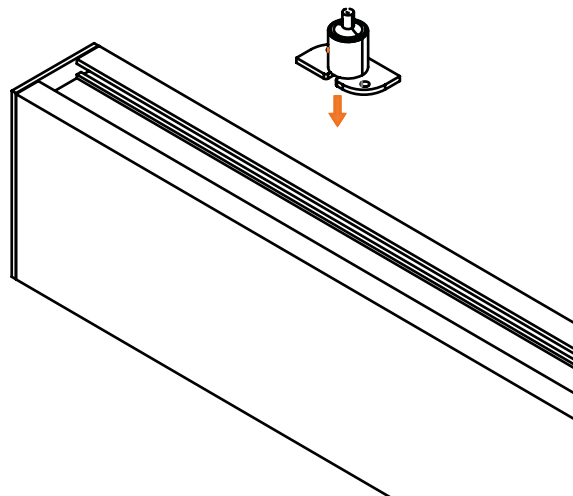


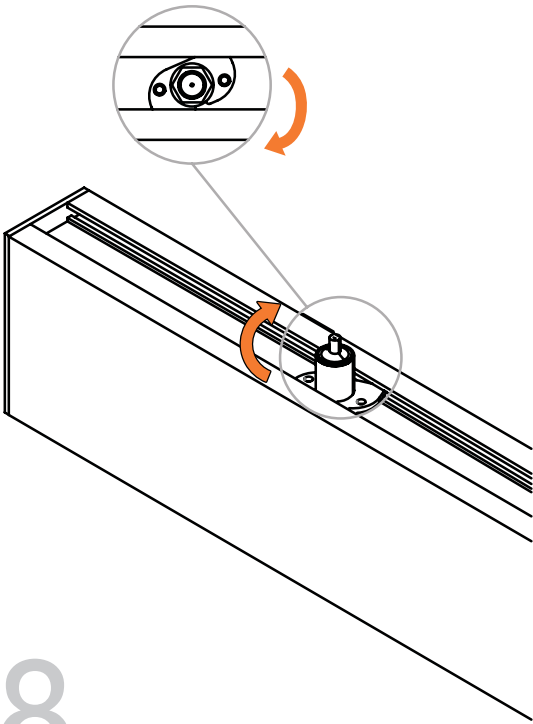
5. ▶ Position the pendant canopy kit in place and screw onto the bracket.



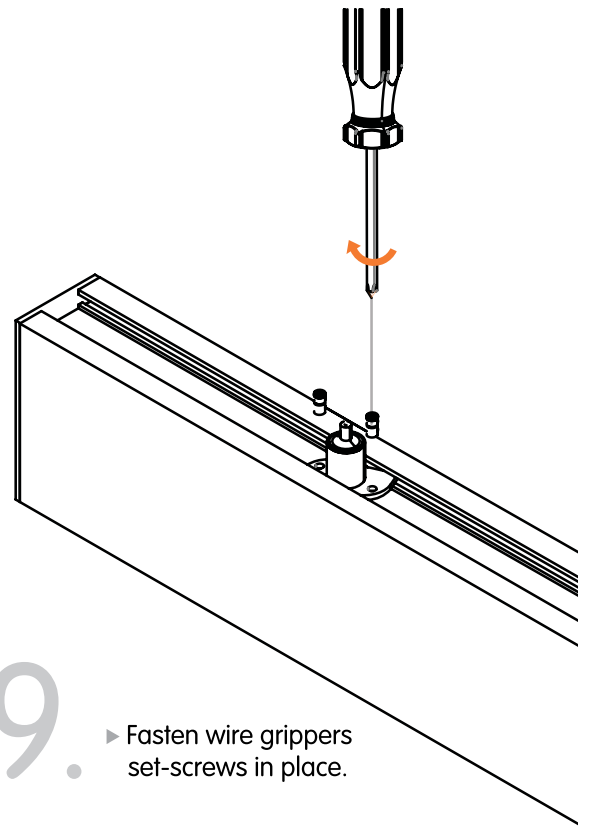
6. ▶ Fasten the end caps on both ends of the profile.

7. ▶ Place all aircraft cable wire grippers in the profiles as per factory shop drawings.

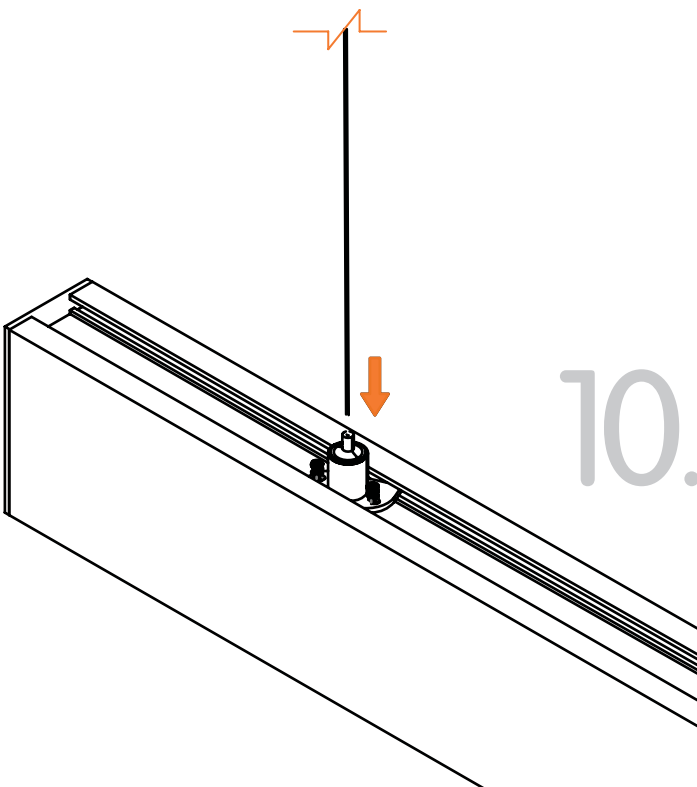




8. ▶ Twist the wire grippers by hand until they lock.



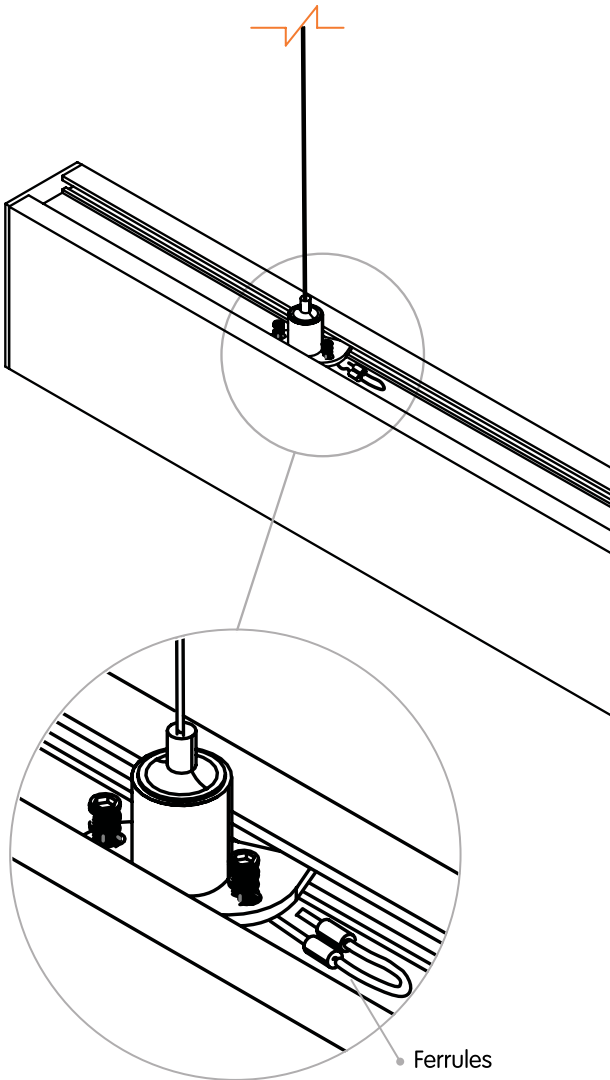
9. ▶ Fasten wire grippers set-screws in place.



10. ▶ Insert aircraft cable into wire grippers until locked in place.

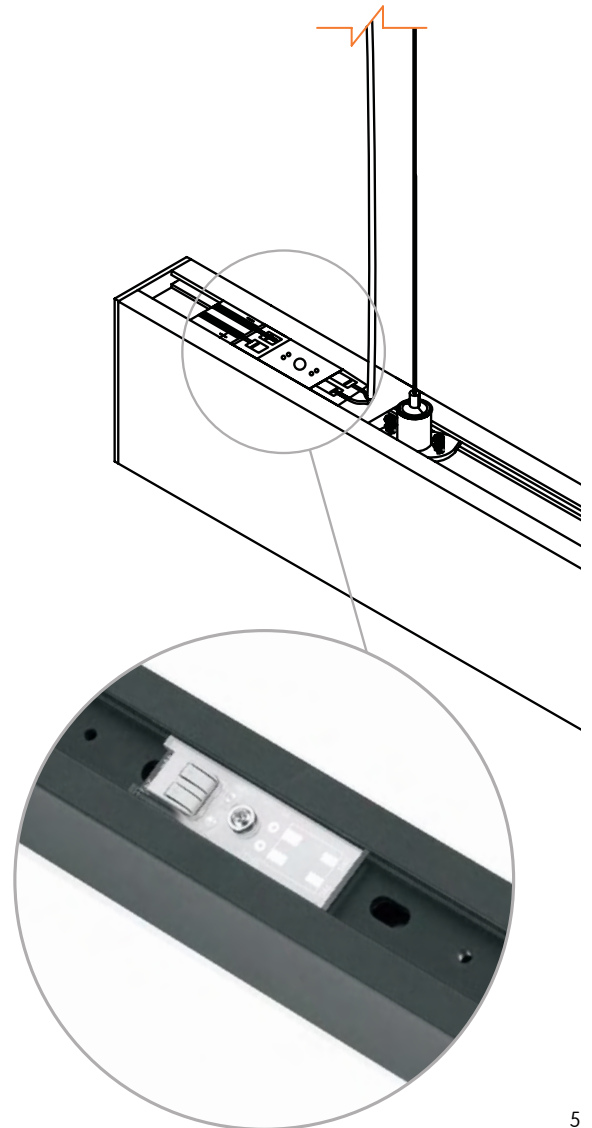
11.

- ▶ Add a locking ferrule at the loose end of aircraft cable.



12.

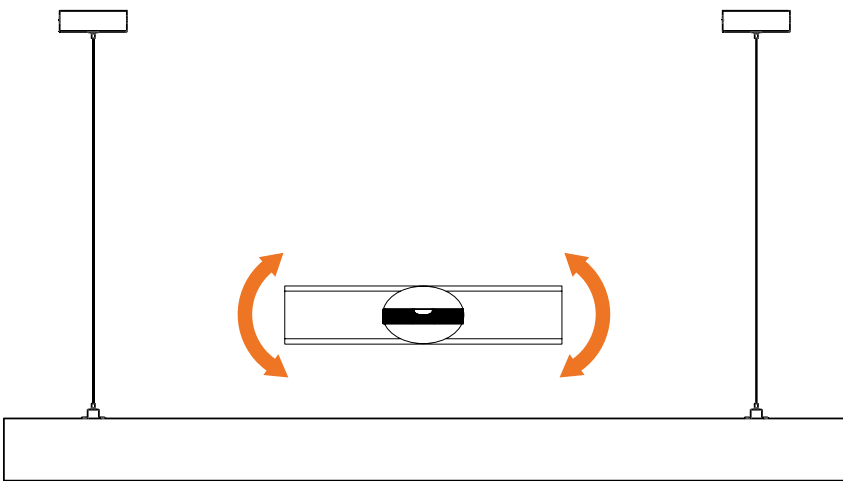
- ▶ Connect low voltage cables to the track feeder connectors.





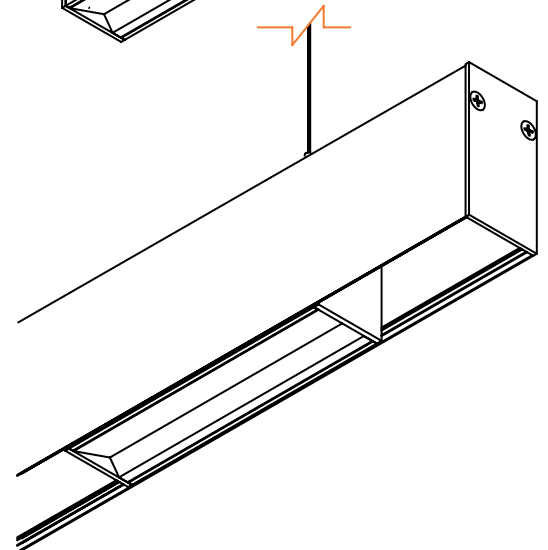
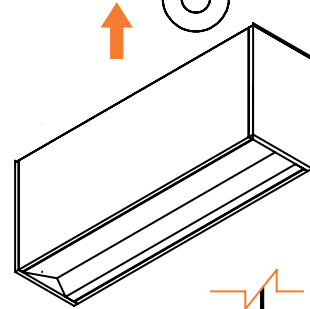
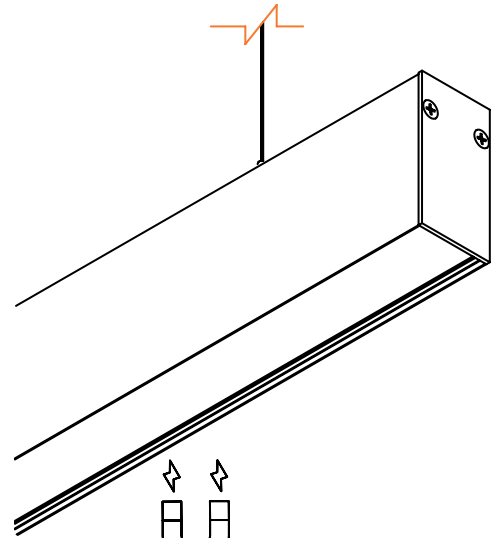
# 13.

- ▶ Slide the suspension brackets in the profile until achieving verticality of the aircraft cable suspensions.



# 14.

- ▶ Make sure the fixture is level before cutting the excess aircraft cable.

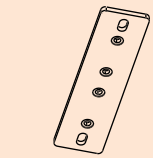


# 15.

- ▶ Insert the luminaires into the magnetic profile.

**B. CONTINUOUS RUN INSTALLATION**

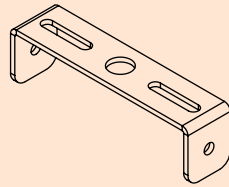
**Provided Components**



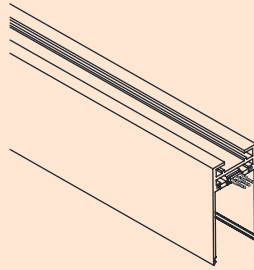
Alignment bracket-(x2)



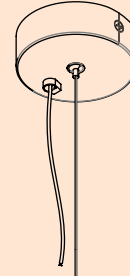
End Cap-(x2)



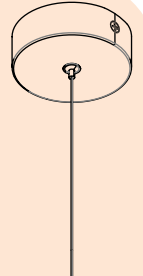
Bracket-(x2)



Specter profile-(x1)



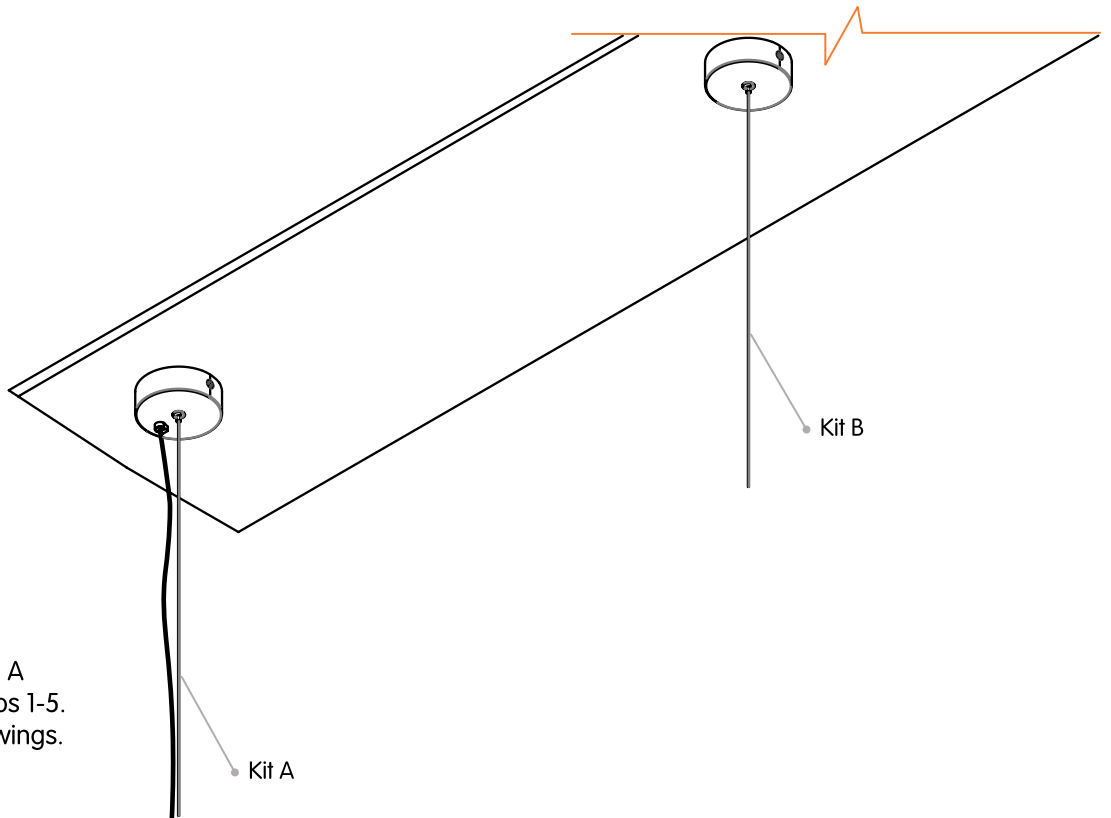
Suspension Kit A Feeder (x1)



Suspension Kit B Support (x1)

1.

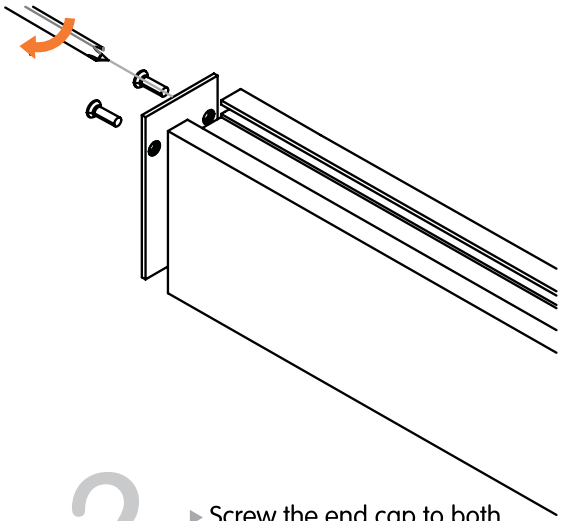
- ▶ Install canopies per Section A (single unit installation), steps 1-5. Install per factory shop drawings.



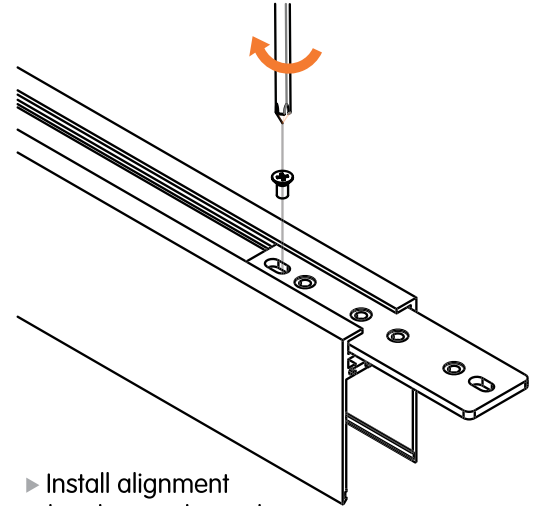
# specter

PENDANT MOUNTED

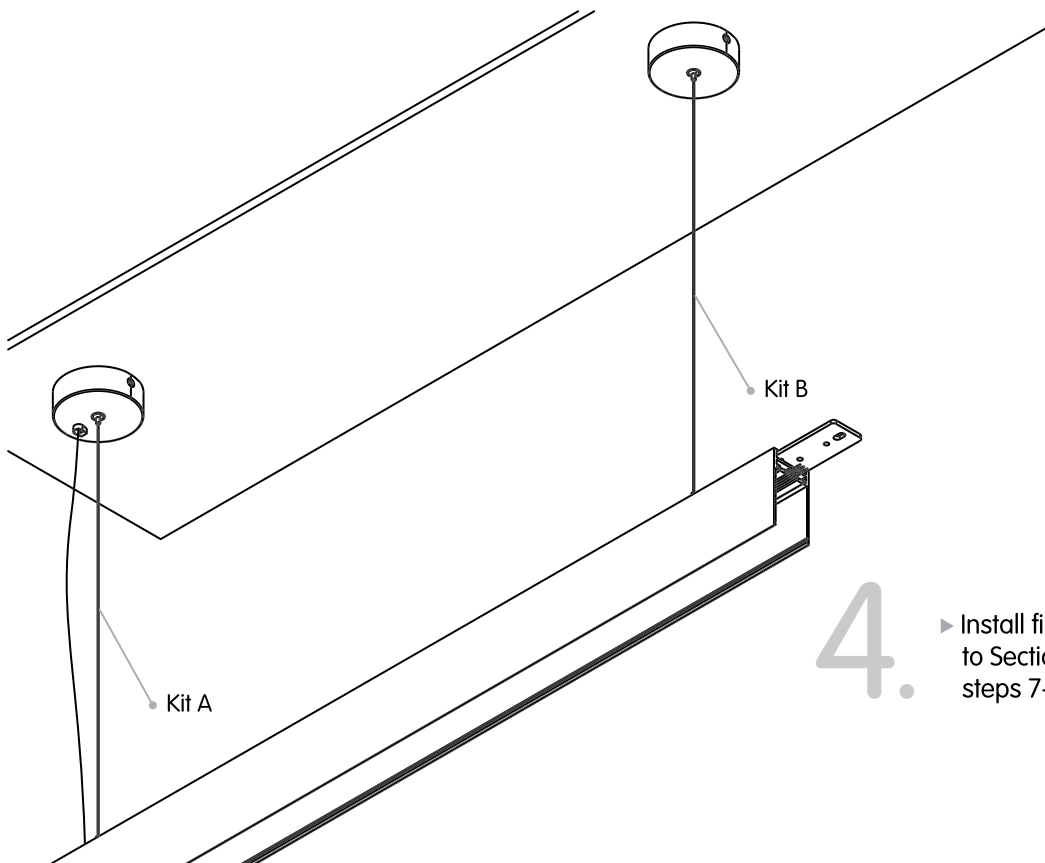
bold  
lighting



2. ▶ Screw the end cap to both sides of the continuous profile run.

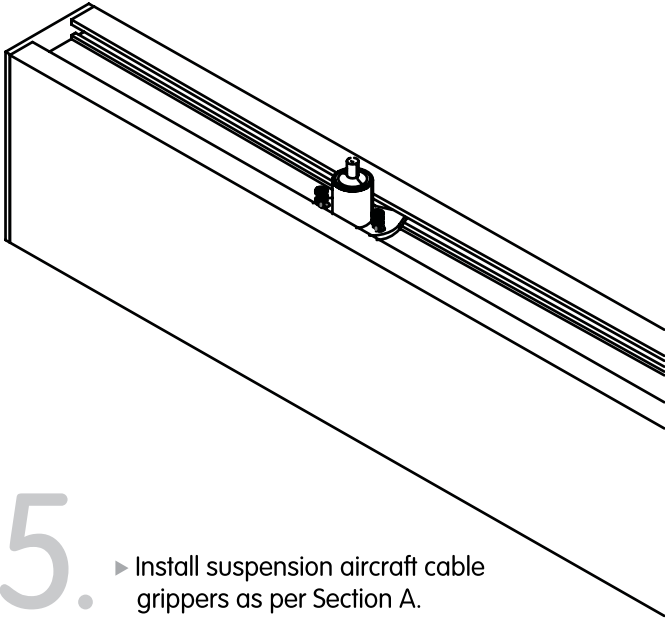


3. ▶ Install alignment brackets at the ends of all profiles using provided screws.

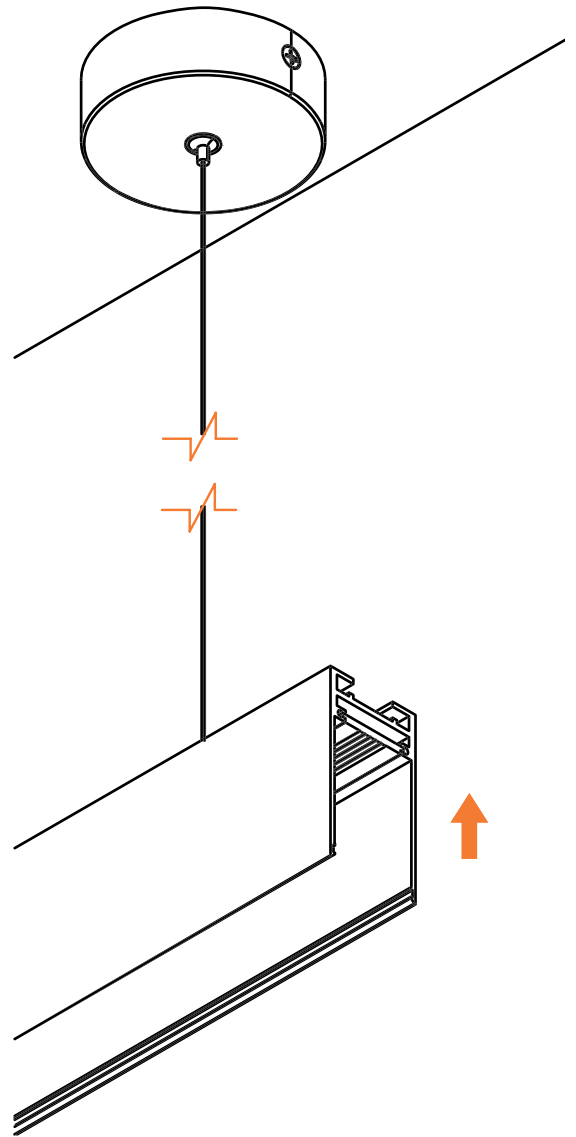


4. ▶ Install first section of profile according to Section A (single unit installation, steps 7-12).

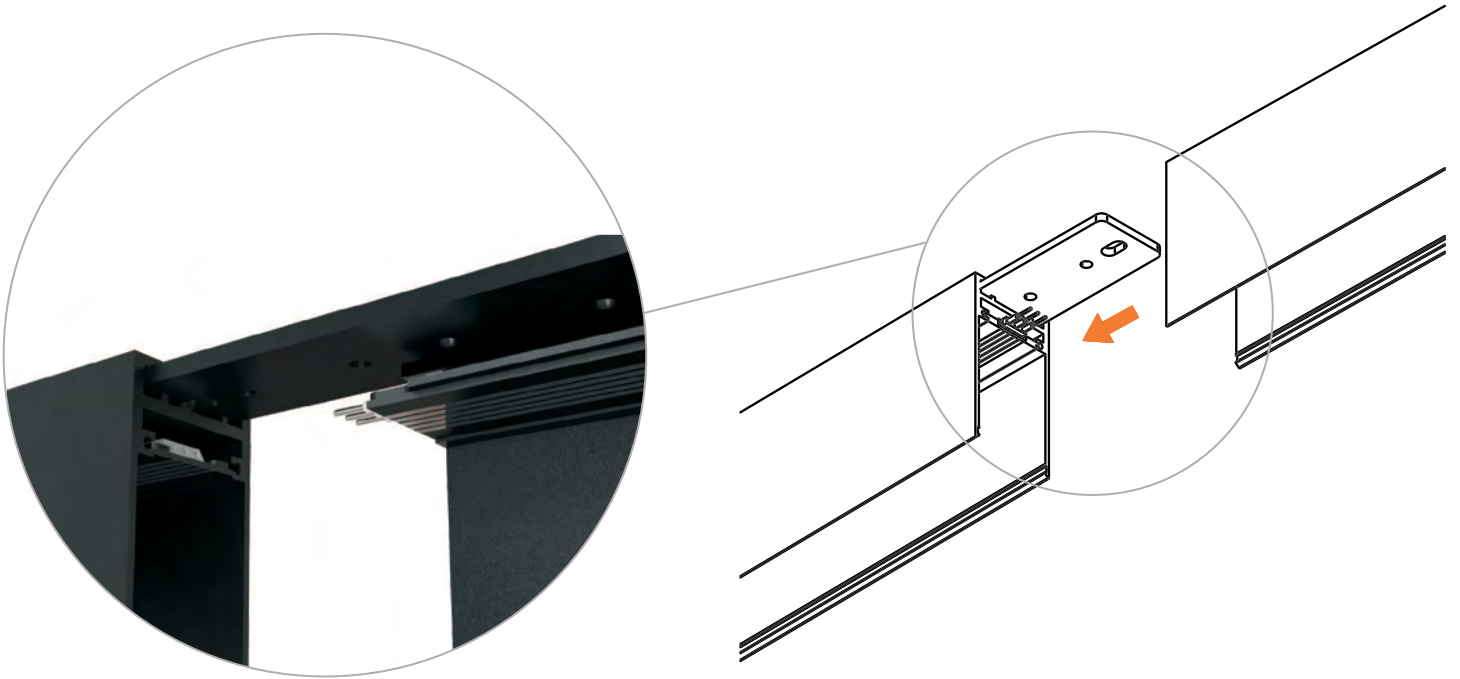




5. ▶ Install suspension aircraft cable grippers as per Section A.



6. ▶ Follow previous steps from Section A to install middle of run sections.

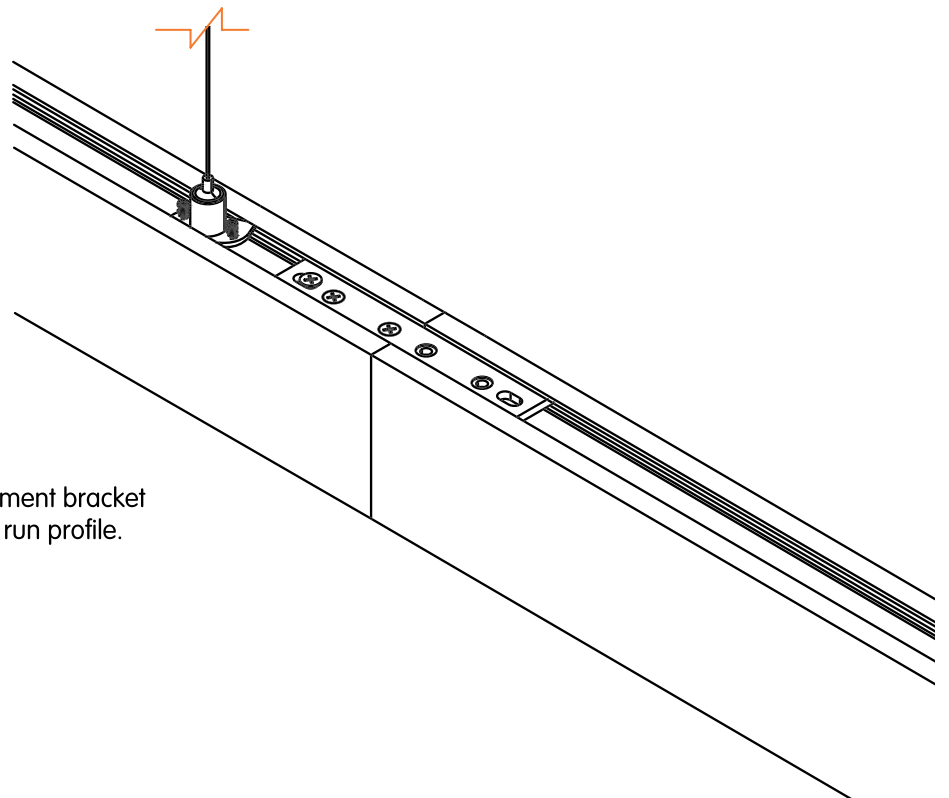


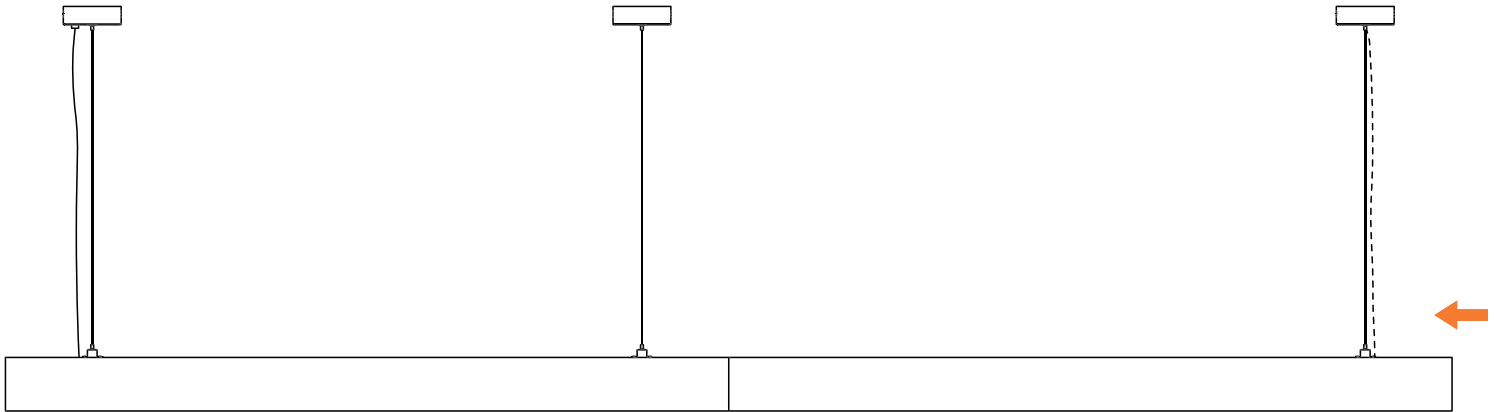
7.

- ▶ Slide the middle of run profile into the alignment bracket and the connecting pins of the previous profile section.
- ▶ Note : Please refer to the factory shop drawings for the through wiring details.

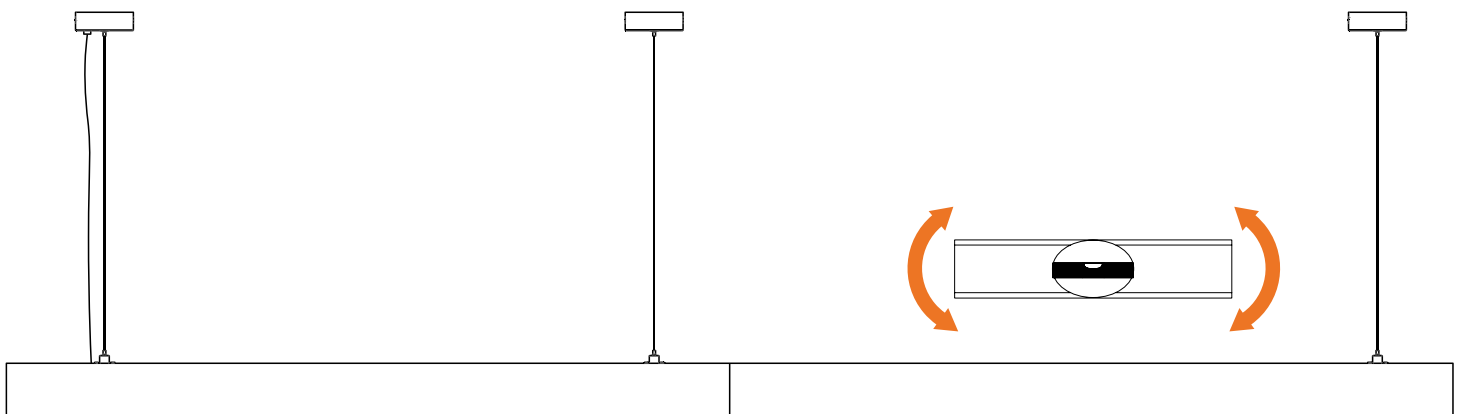
8.

- ▶ Fasten the alignment bracket in the middle of run profile.





9. ▶ Slide the suspension bracket in the profile and fully tighten the screws to adjust the verticality of the suspension wire.

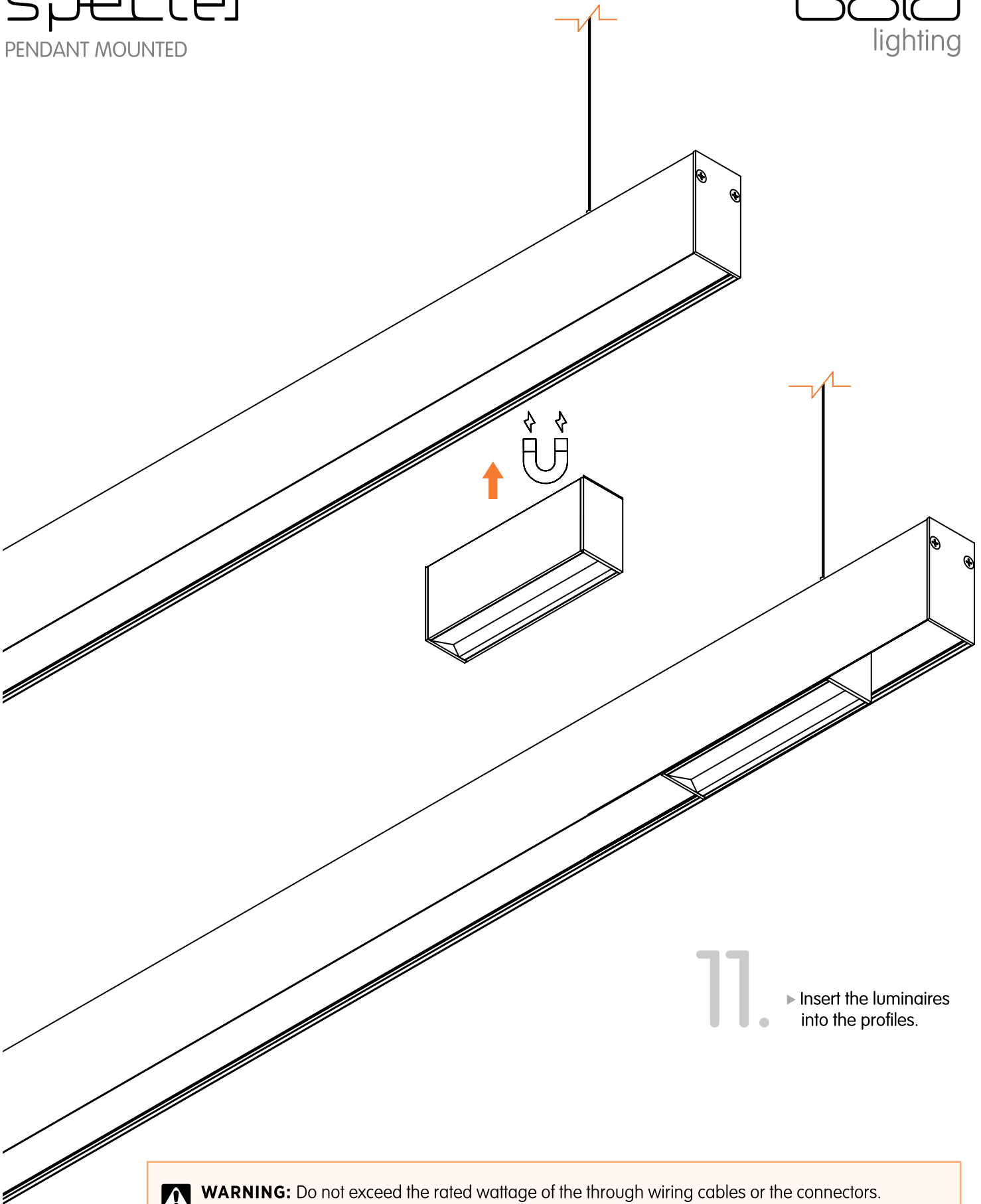


10. ▶ Ensure entire fixture assembly is level before cutting excess aircraft cable.

# specter

PENDANT MOUNTED

bold  
lighting



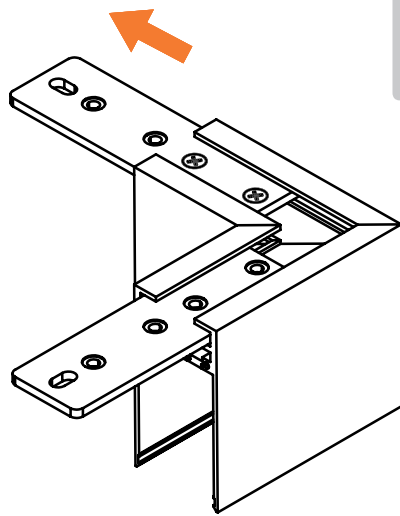
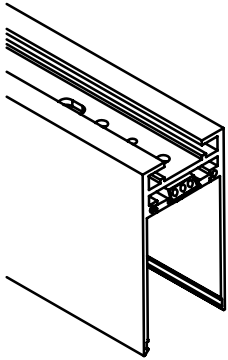
11.

► Insert the luminaires into the profiles.



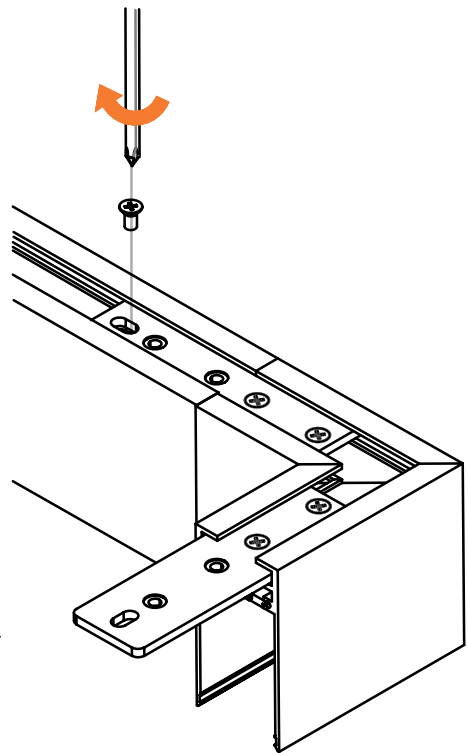
**WARNING:** Do not exceed the rated wattage of the through wiring cables or the connectors.  
For all continuous runs, refer to factory shop drawing indicating exact dimensions and feed locations.

## C. CORNER CONNECTION



1.

- ▶ Slide the alignment bracket of the corner profile into the first neighboring profile.



2.

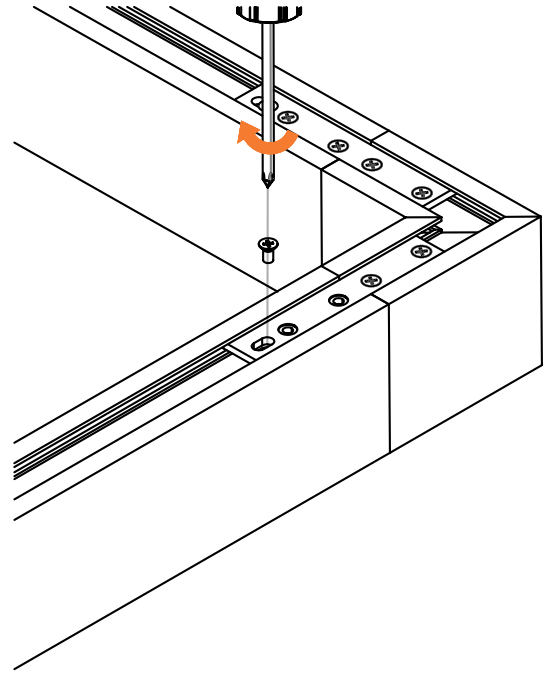
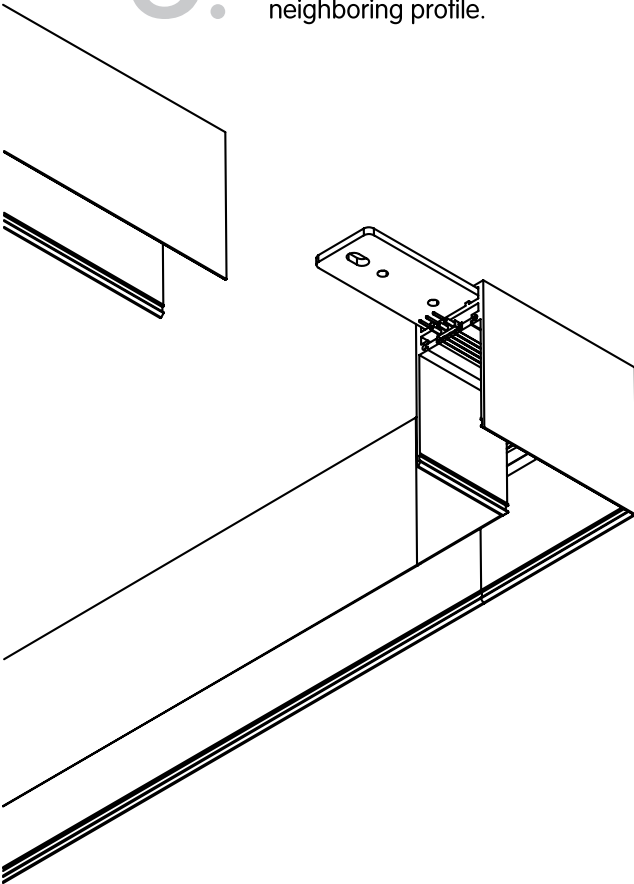
- ▶ Fasten the alignment bracket in the first neighboring profile.

# specter

PENDANT MOUNTED

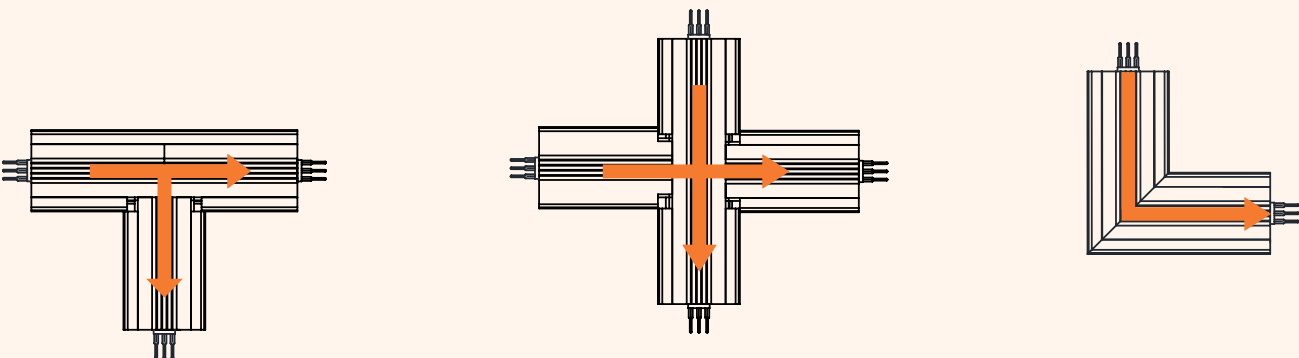
bold  
lighting

3. ▶ Slide the alignment bracket of the corner profile into the other neighboring profile.



4. ▶ Fasten the alignment bracket in the neighboring profile.

## ELECTRICAL CONTINUITY



## D. WIRING DETAILS

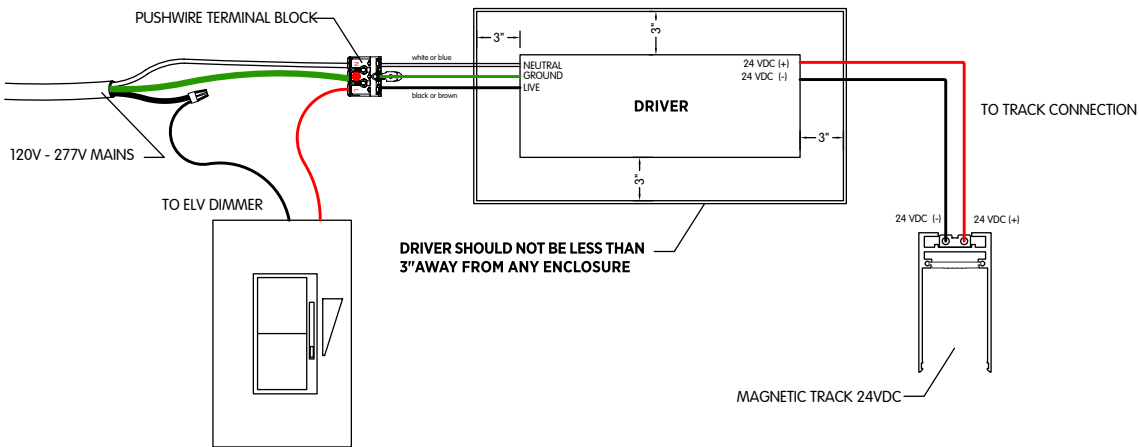
**MAXIMUM RECOMMENDED DISTANCE FROM FIRST FEED TO REMOTE DRIVER**  
(Track length considered 20ft)

**MAXIMUM RECOMMENDED LOAD RELATIVE TO LENGTH OF TRACK**  
(Driver considered at 15ft from first feed)

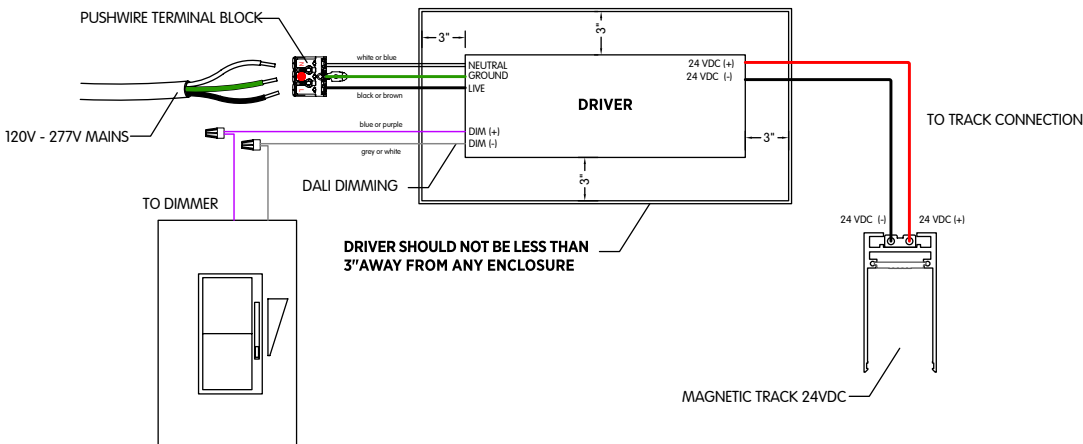
Wire Gauge	Wattage	Maximum Lead Length
<b>16 AWG (1.0 mm<sup>2</sup>)</b>	60 W	100 ft (30.4 m)
	120 W	70 ft (21.3 m)
	150 W	50 ft (16.4 m)
	200 W	35 ft (10.7 m)
	300 W	15 ft (4.7 m)

Length of Track	Max. Load in W
165 ft (50 m)	100 W
130 ft (40 m)	120 W
100 ft (30.4 m)	150 W
70 ft (21.3 m)	200 W
35ft (10.7 m)	300 W
15 ft (4.7 m)	400 W

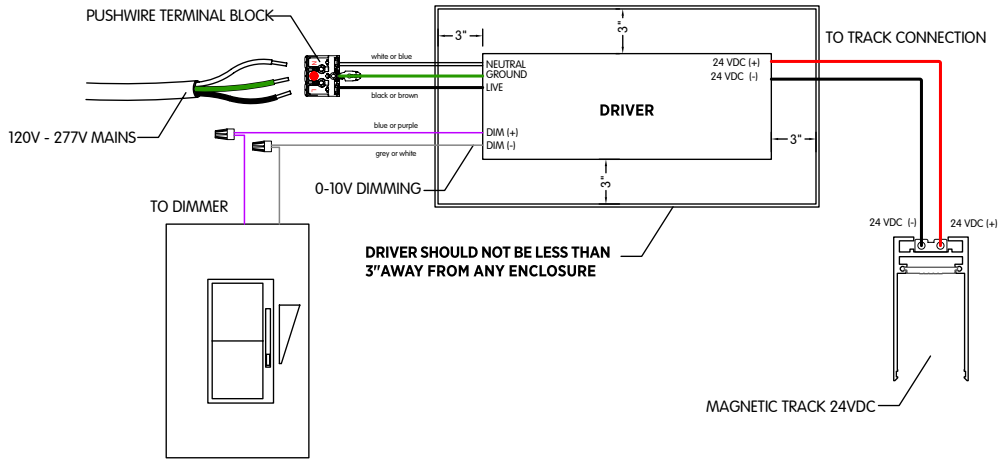
### ELV DIMMING WIRING DIAGRAM



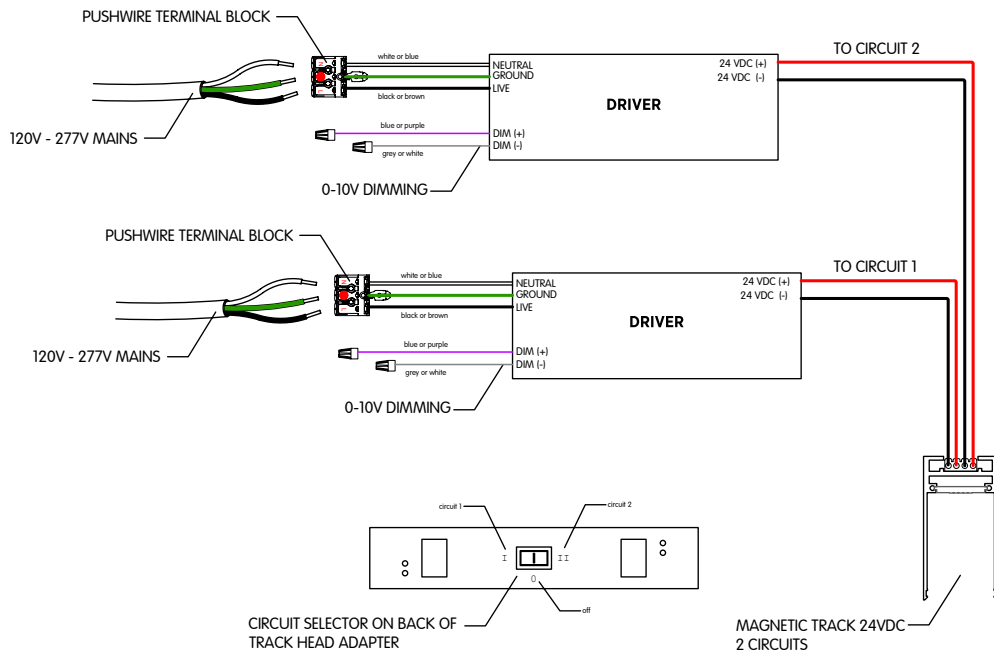
### DALI DIMMING WIRING DIAGRAM



### 0-10V DIMMING WIRING DIAGRAM



### 2 CIRCUIT TRACK WIRING DIAGRAM



**Failure to follow the wiring color coding and connectors pin labeling will void the fixtures warranty.**