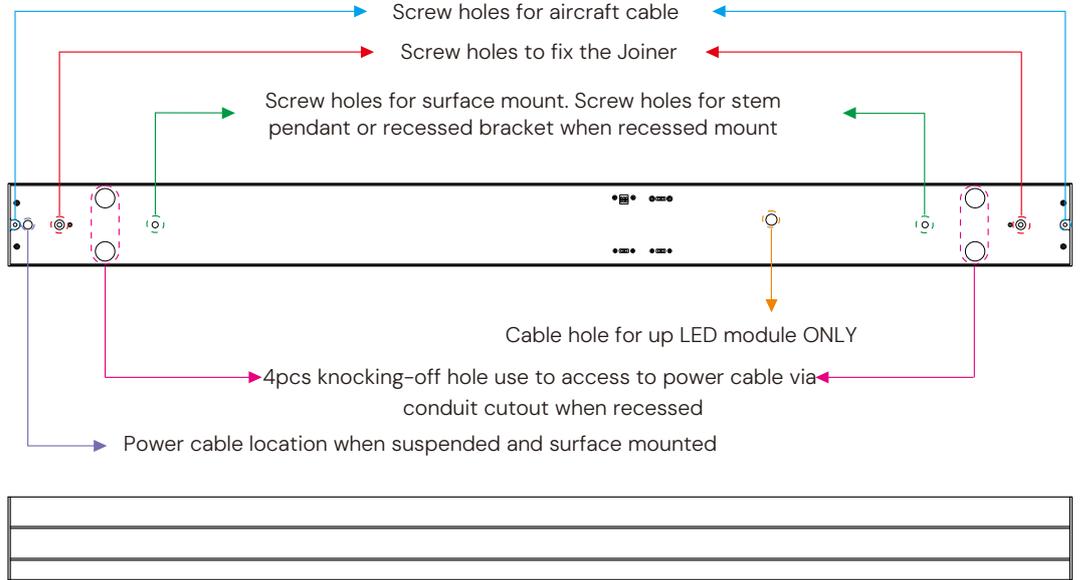
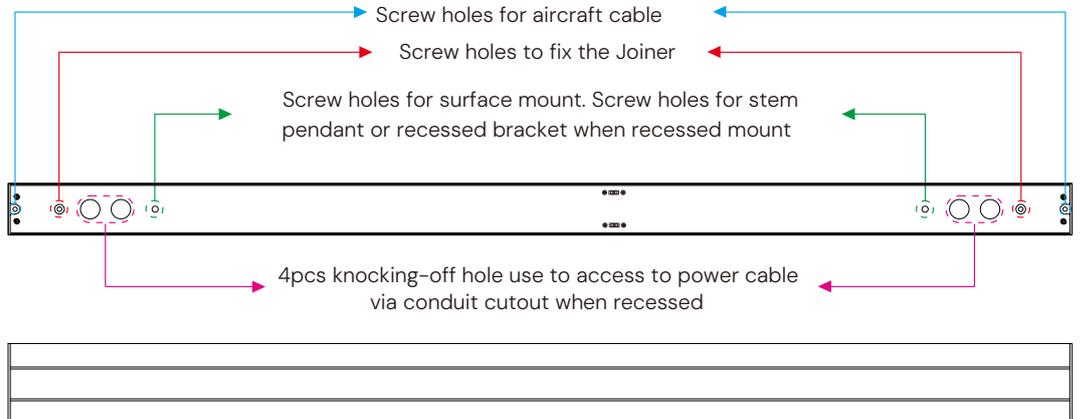


⚠ RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

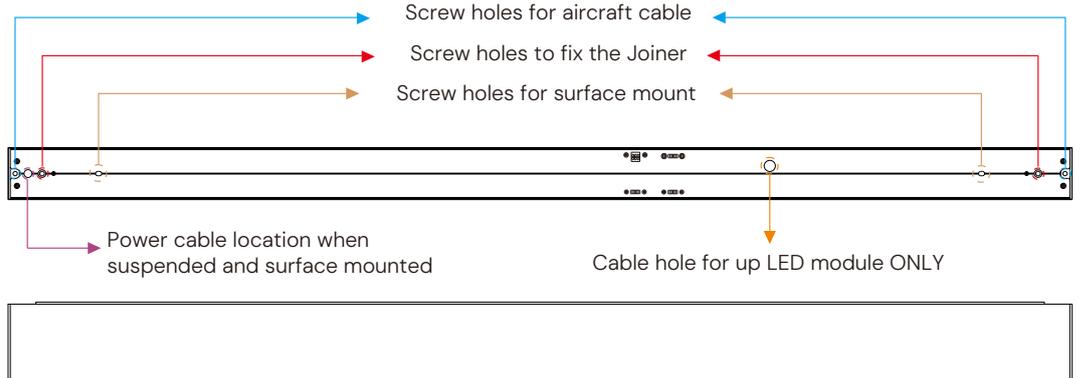
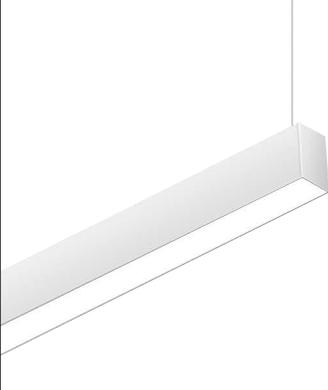
12100-33 Linear



12100-21 Linear

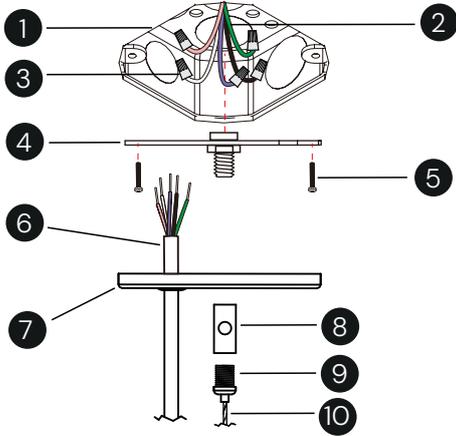


12100-22 Linear

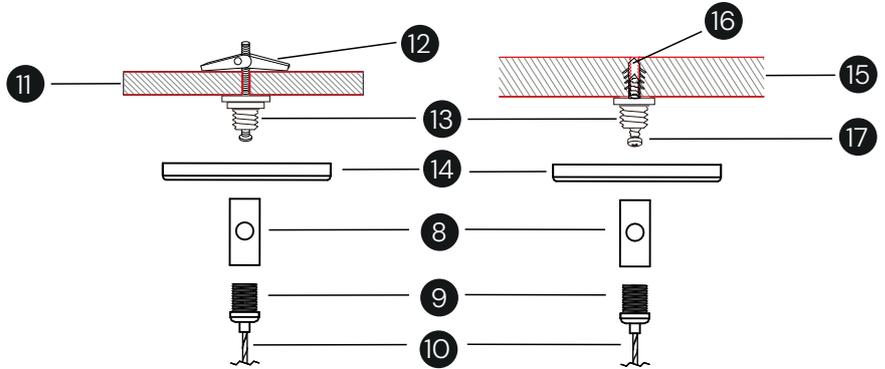


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▶ POWER FEED

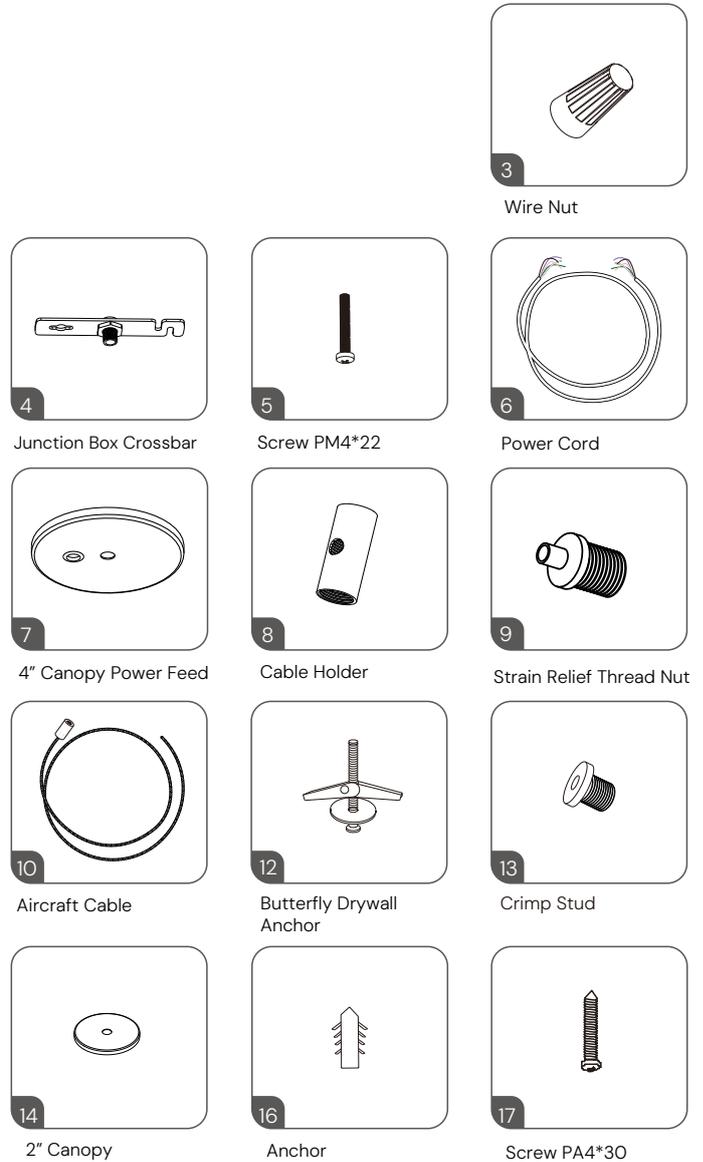


▶ NON POWER SUSPENSION



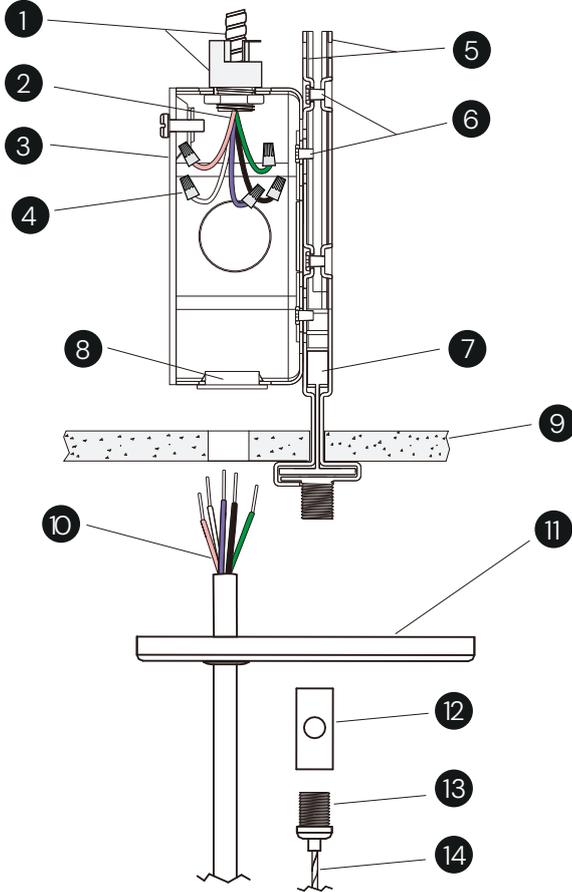
▶ PARTS LIST

- 1 4" Octagon Junction Box (By Others) -----
- 2 Power Cord (By Others) -----
- 3 Wire Nut -----
- 4 Junction Box Crossbar -----
- 5 Screw PM4*22 -----
- 6 Power Cord -----
- 7 4" Power Canopy Kit -----
- 8 Cable Holder -----
- 9 Strain Relief Thread Nut -----
- 10 Aircraft Cable -----
- 11 Drywall Ceiling (By Others) -----
- 12 Butterfly Drywall Anchor -----
- 13 Crimp Stud -----
- 14 2" Canopy -----
- 15 Solid Ceiling (By Others) -----
- 16 Anchor -----
- 17 Screw PA4*30 -----

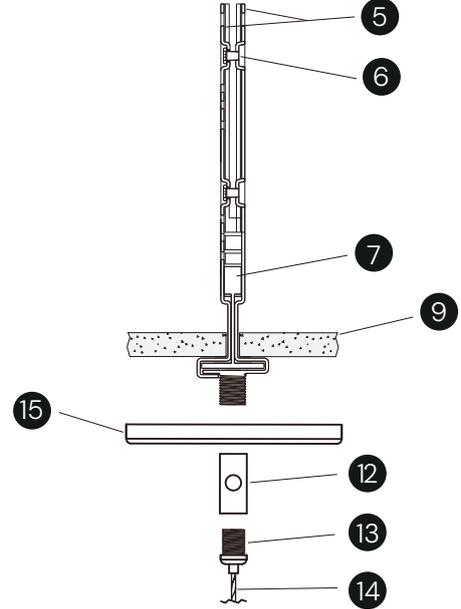


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▶ POWER FEED

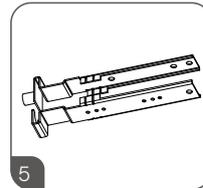


▶ NON POWER SUSPENSION

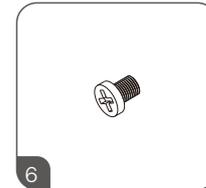


▶ PARTS LIST

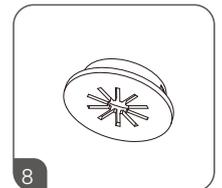
- 1 Armored Cable & Connector (By Others)
- 2 Power Cord (By Others)
- 3 4" Octagon Junction Box
- 4 Wire Nut
- 5 Assembled T-grid Clips
- 6 Screw 6#*4
- 7 T-grid (By Others)
- 8 Plastic Grommet
- 9 Ceiling Tile (By Others)
- 10 Power Cord
- 11 4" Canopy Power Feed
- 12 Cable Holder
- 13 Strain Relief Thread Nut
- 14 Aircraft Cable
- 15 2" Canopy



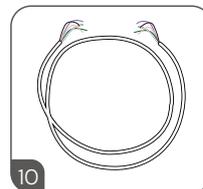
5 Assembled T-grid Clips



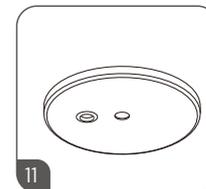
6 Screw 6#*4



8 Plastic Grommet



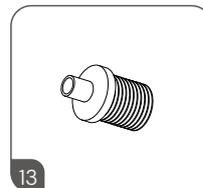
10 Power Cord



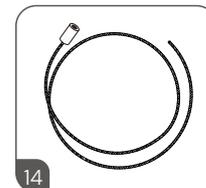
11 4" Canopy Power Feed



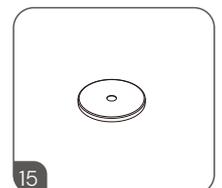
12 Cable Holder



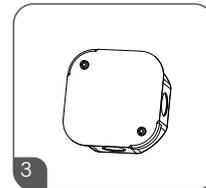
13 Strain Relief Thread Nut



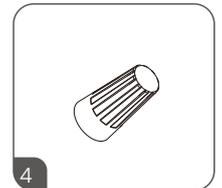
14 Aircraft Cable



15 2" Canopy



3 4" Octagon Junction Box



4 Wire Nut

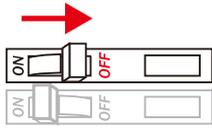
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IMPORTANT

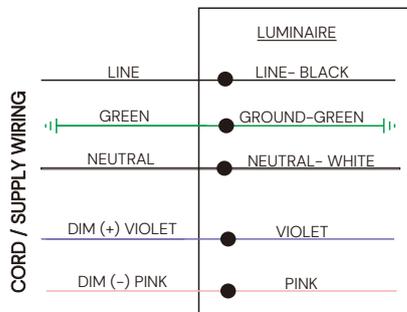
1. Read all instructions.
2. Install in accordance with national and local electrical code regulations.
3. This product is intended to be installed and serviced by a qualified, licensed electrician.
4. Do not install in wet locations. For dry and damp use only.
5. Turn off electrical power before installing or servicing fixture in any way.
6. To reduce the risk of fire and overheating, make sure all connections are tight.
7. Under no circumstances can the lighting fixture be covered with heat insulation gasket or similar materials.
8. The maximum connection of each input line is 40FT (1200CM) in 120AC, 80FT (2400CM) in 230AC, and 100FT (3000CM) in 277AC.

SHOCK HAZARD

⚡ May result in serious injury or death. Turn power OFF at circuit breaker prior to installation or servicing.



WIRING



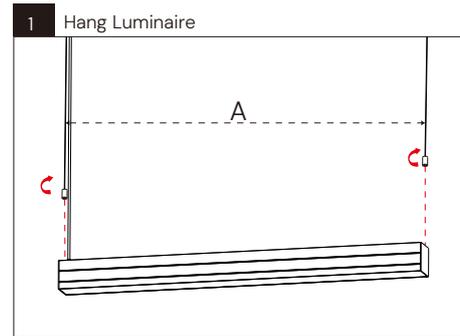
⚠️ Please isolate two dimming wires by P2 terminal individually if no need dimming; **MUST connect wires with corresponding colors as shown.**

PRE-INSTALLATION

Assemble Luminaire

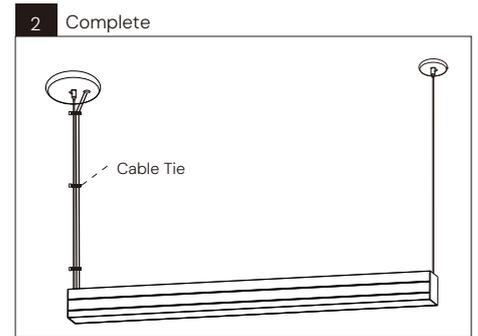
1. Insert the cord holder into the power cord location as shown.
2. Thread the power cord into the cord holder as shown, and secure the LED module to housing with safety cable.
3. Wiring: Must connect the connectors with corresponding colors as shown.
4. Fix the power cord with holder nut, Insert the LED module into housing, then install the end cap into housing with screws.

INDEPENDENT INSTALLATION



Screw both bottom parts of aircraft cables clockwise and secure them on the top of housing making sure they hang the lights.

Note: Adjust the height of luminaire. Luminaire can be raised by pulling cable through the gripper and can be lowered by depressing the top cylinder on the gripper which pulls the luminaire down.

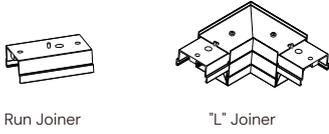


Use the cable tie to keep the electric wire going up along with the wire rope.

| Nominal Length | 12100-21 -22 -33 (Flat and Regressed lens) | 12100-21 -22 (Louver lens) |
|----------------|---|---------------------------------------|
| | "A" Suspension Points Distance (Feet) | "A" Suspension Points Distance (Feet) |
| 2 ft. | 1.92' | 1.93' |
| 3 ft. | 2.92' | 2.92' |
| 4 ft. | 3.92' | 3.90' |
| 8 ft. | 7.88' | 7.84' |

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JOINER OPTIONS



Run Joiner

L Joiner

ACCESSORY

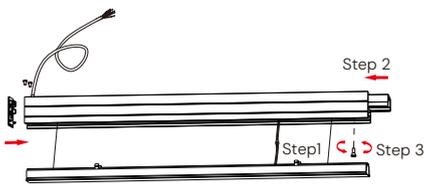


Silicone Seal

Note: Silicone seal is used to seal seams that may appear at both ends of luminaires when multiple connections.

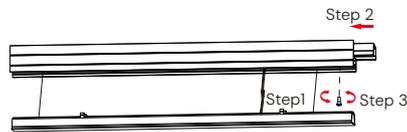
BEFORE CONNECTING

Disassemble Luminaires



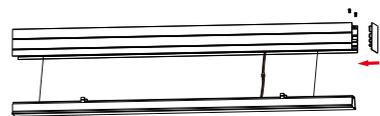
Start of run (SoR):

Beginning at one end, install power cord, first end cap and line joiner, secure the LED module to housing with safety cable.



Middle of run (MoR):

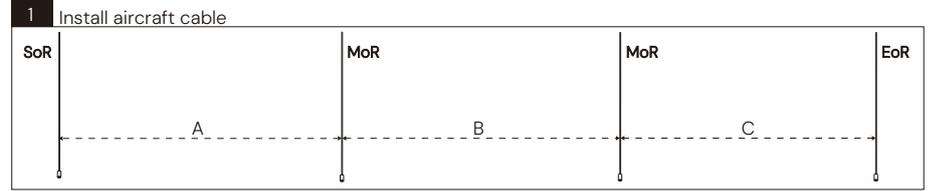
Install line joiner, secure the LED module to housing with safety cable.



End of run (EoR):

Install the end cap to the end of fixture, secure the LED module to housing with safety cable.

LINE CONNECTION



| Nominal Length | 12100-211 - 221 - 33 (Flat and Regressed lens) | | | 12100-211 - 22 (Louver lens) | | |
|----------------|--|------------------------|------------------------|------------------------------|------------------------|------------------------|
| | "A" | "B" | "C" | "A" | "B" | "C" |
| | Distance of SoR to MoR | Distance of MoR to MoR | Distance of MoR to EoR | Distance of SoR to MoR | Distance of MoR to MoR | Distance of MoR to EoR |
| 2 ft. | 1.94' | 1.96' | 1.94' | 1.95' | 1.97' | 1.95' |
| 3 ft. | 2.94' | 2.96' | 2.94' | 2.94' | 2.95' | 2.94' |
| 4 ft. | 3.94' | 3.96' | 3.94' | 3.92' | 3.94' | 3.92' |
| 8 ft. | 7.90' | 7.92' | 7.90' | 7.86' | 7.87' | 7.86' |

2 Hang luminaire and wiring - SoR

⚠ Adjust the height of luminaire.
Luminaire can be raised by pulling cable through the gripper and can be lowered by depressing the top cylinder on the gripper which pulls the luminaire down.

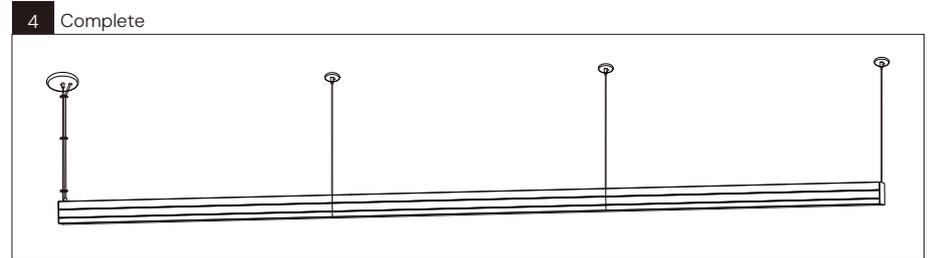
2-1: Screw both bottom parts of aircraft cables clockwise and secure then on the top of housing making sure they hang the lights.
2-2: Connect AC power.

3 Repeat Hang and join steps - MoR to EoR

Cable Tie

Wiring
Must connect connectors with corresponding colors as shown.

- 3-1: Zip tight power cord & aircraft suspension cable with the cable tie.
- 3-2: Connect the quick connectors properly.
- 3-3: Insert all the LED Modules into the housing from SoR to EoR in turn.



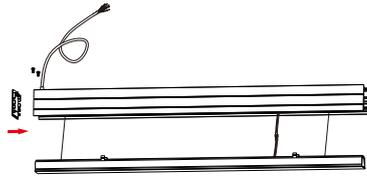
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L SHAPE CONNECTION

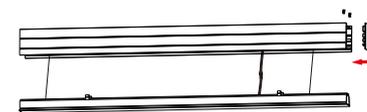
- ▲ For "+" and "Y" shape or other geometric shapes, all subject to the "L" shape installation.
- ▲ It needs 2 inputs if using joiner "+" and "Y".

BEFORE CONNECTING

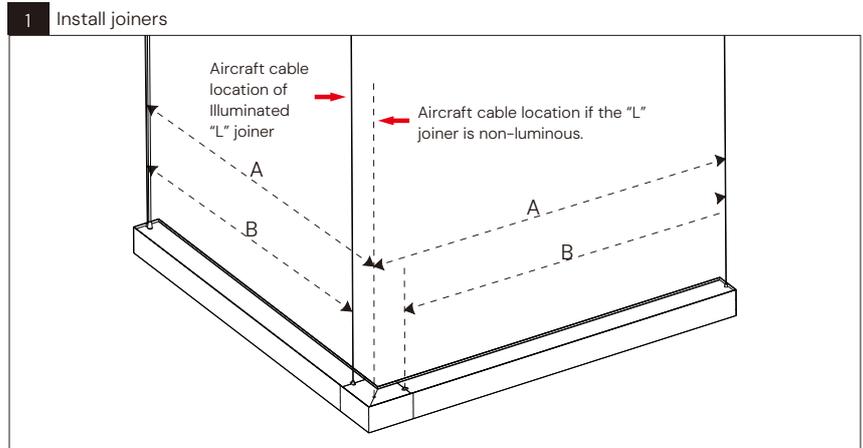
Disassemble Luminaires



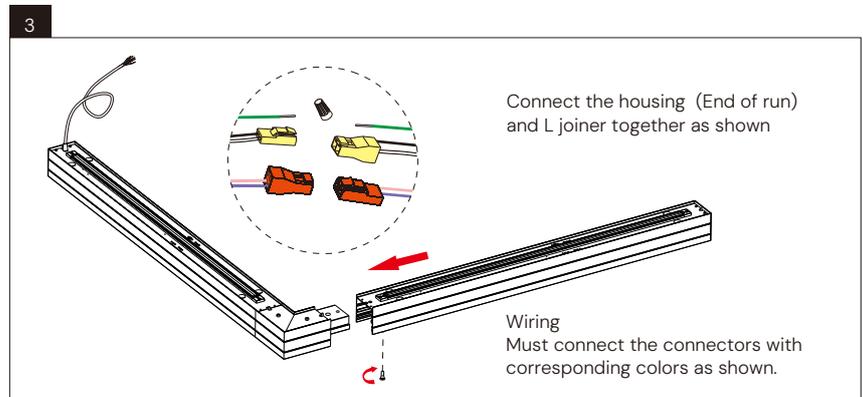
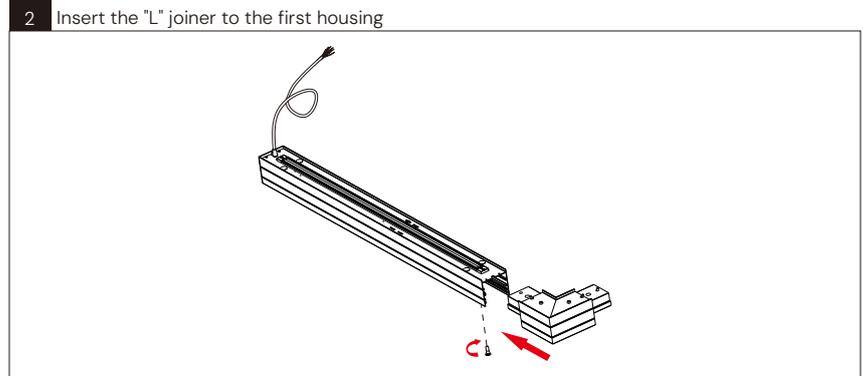
Start of run (SoR):
Install power cord and first end cap, secure the LED module to housing with safety cable.



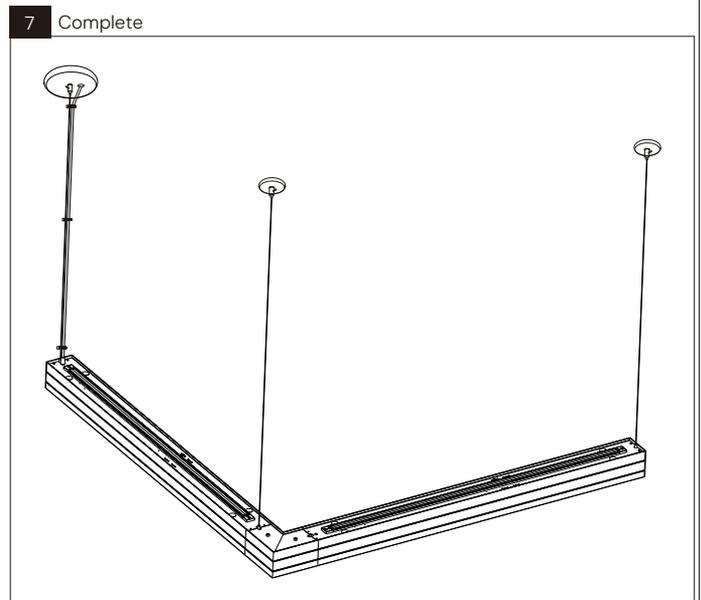
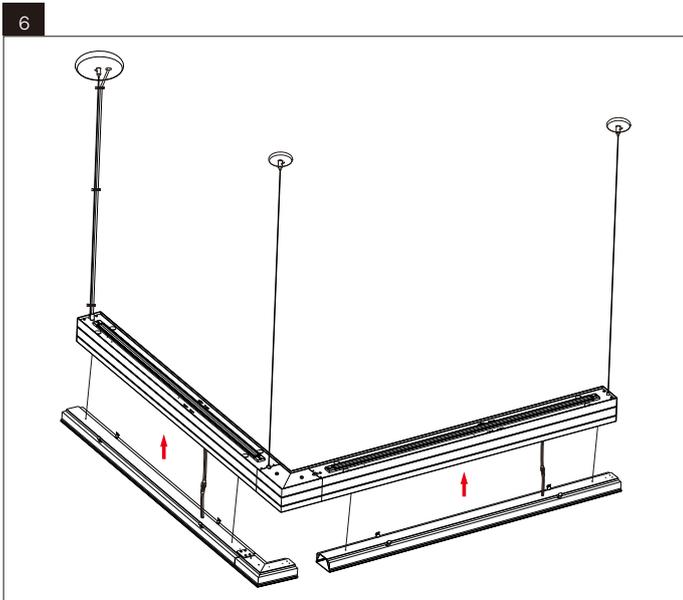
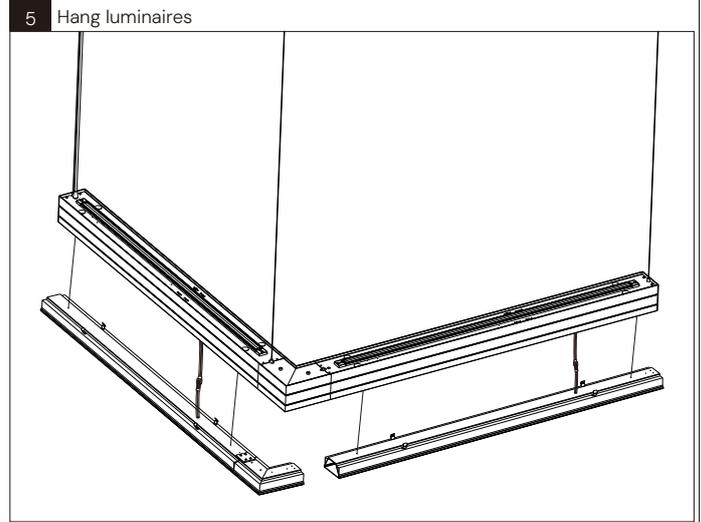
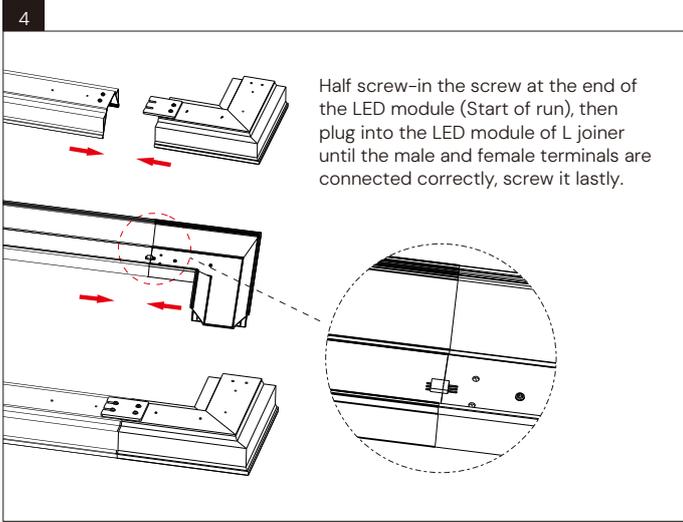
End of run (EoR):
Install the end cap to the end of fixture, secure the LED module to housing with safety cable.



| Nominal Length | 12100-21 -22 (Flat and Regressed lens) | | | 12100-21 -22 (Louver lens) | 12100-33 (Flat and Regressed lens) | |
|----------------|--|----------------------------|-----------------------------|------------------------------|------------------------------------|----------------------------|
| | "A" Illuminated "L" joiner | "B" Illuminated "L" joiner | "A" Non-luminous "L" joiner | "A" Non-luminous "L" joiner | "A" Illuminated "L" joiner | "B" Illuminated "L" joiner |
| | Feet | Feet | Feet | Feet | Feet | Feet |
| 2 ft. | 2.27' | 1.94' | 2.04' | 2.05' | 2.33' | 1.94' |
| 3 ft. | 3.27' | 2.94' | 3.04' | 3.03' | 3.33' | 2.94' |
| 4 ft. | 4.27' | 3.94' | 4.04' | 4.02' | 4.33' | 3.94' |
| 8 ft. | 8.23' | 7.90' | 8.00' | 7.96' | 8.29' | 7.90' |



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6-1: Zip tight the power cord & aircraft suspension cable with the cable tie.
6-2: Insert all the LED Modules into the housing from SoR to EoR in turn.