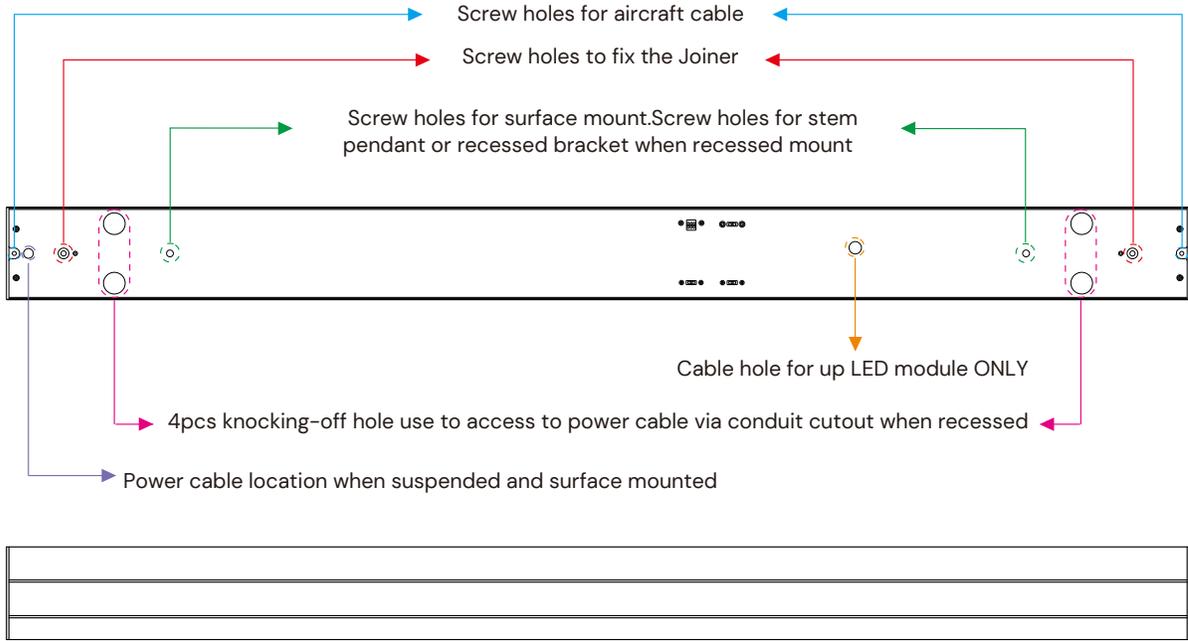


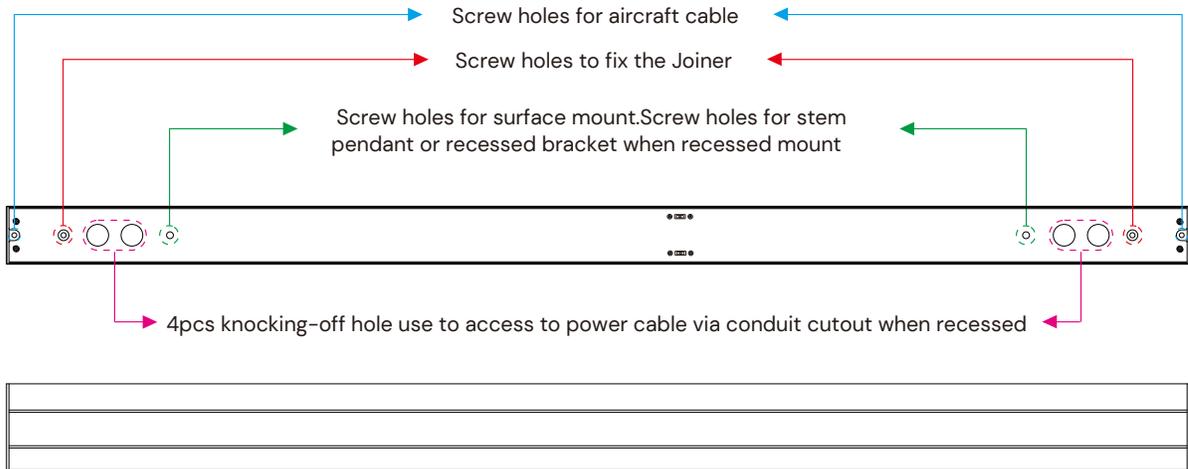


**RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.**

### 12100-33



### 12100-21



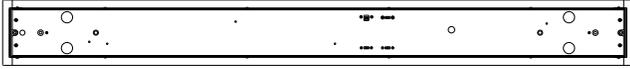


**RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.**

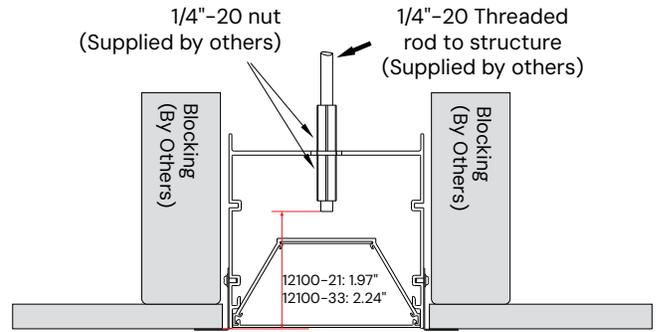
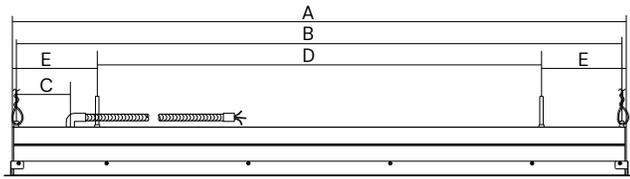
### Recessed in Hard Drywall Ceiling

#### Trimmed with Stem Pendant

##### Top View



##### Side View

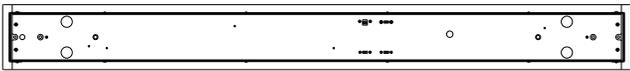


SUGGEST INSTALLATION BEFORE CEILING

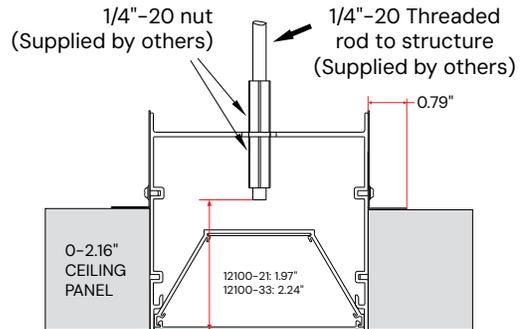
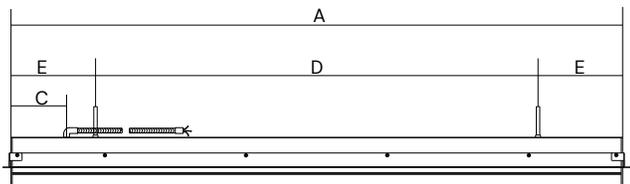
\*Lighting fixtures need to be installed before installing ceiling.

### Decoustic Mounting

##### Top View



##### Side View



\*Light fixtures should be mounted prior to installing the ceiling.

### HARD DRYWALL AND GRID CEILING - DIMENSIONS

Nominal Length	"A" Housing Length	"B" Wire Rope	"C" Feed Location		"D" Rod Spacing	"E" End Suspensions
	Feet	Feet	12100-21	12100-33	Feet	Feet
2 ft.	1.98'	1.92'	3.58"	4.33"	0.88'	0.54'
3 ft.	2.98'	2.94'	3.58"	4.33"	1.88'	0.54'
4 ft.	3.98'	3.94'	3.58"	4.33"	2.88'	0.54'
8 ft.	7.96'	7.90'	3.58"	4.33"	6.84'	0.54'

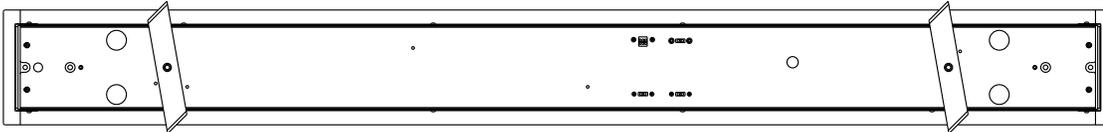


RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

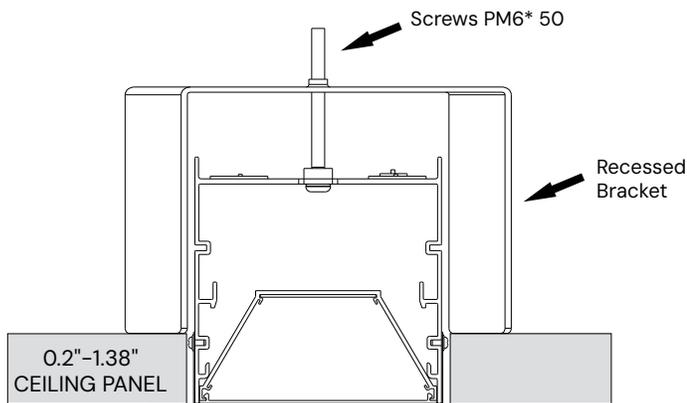
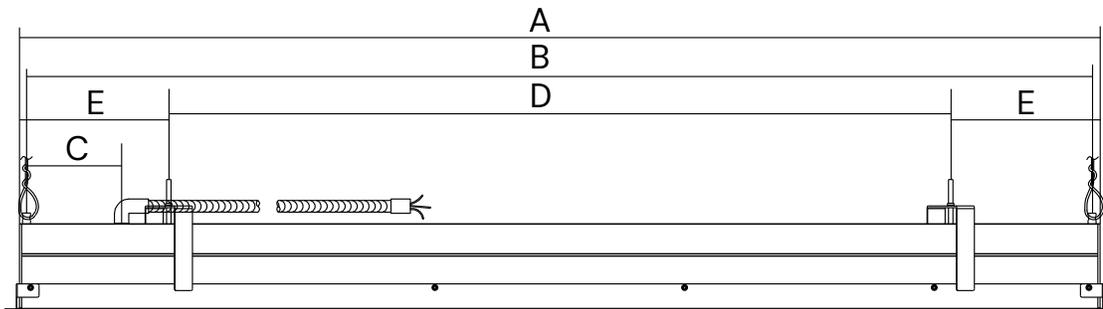
### Recessed in Hard Drywall Ceiling

#### Trimmed with Brackets

#### Top View



#### Side View



#### HARD DRYWALL AND GRID CEILING - DIMENSIONS

Nominal Length	"A" Housing Length	"B" Wire Rope	"C" Feed Location		"D" Rod Spacing	"E" End Suspensions
	Feet	Feet	12100-21	12100-33	Feet	Feet
2 ft.	1.98'	1.92'	3.58"	4.33"	0.88'	0.54'
3 ft.	2.98'	2.94'	3.58"	4.33"	1.88'	0.54'
4 ft.	3.98'	3.94'	3.58"	4.33"	2.88'	0.54'
8 ft.	7.96'	7.90'	3.58"	4.33"	6.84'	0.54'

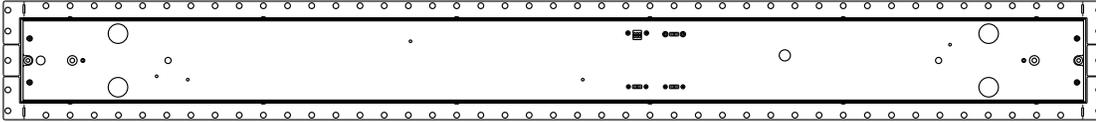


**RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.**

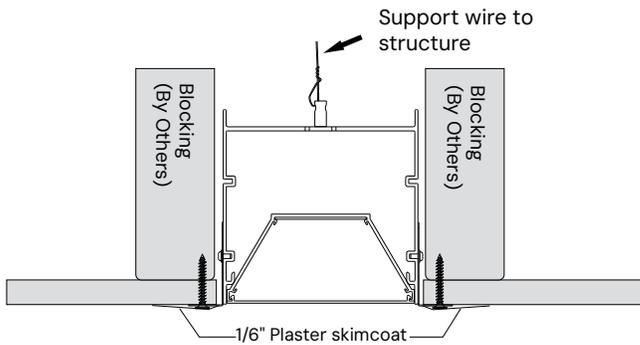
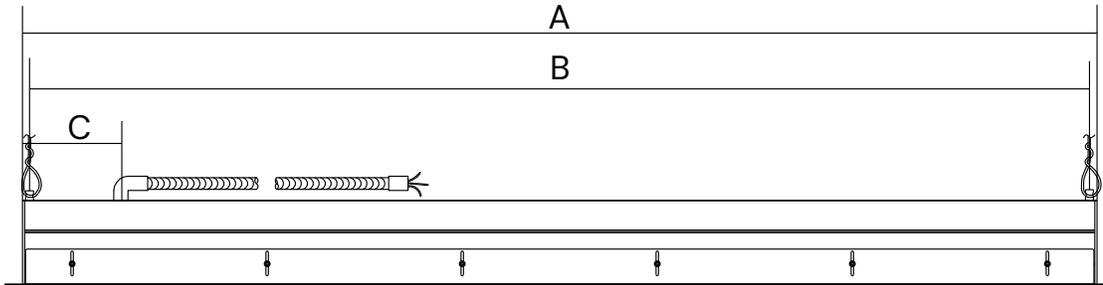
### Recessed in Hard Drywall Ceiling

Trimless

Top View



Side View



**IMPORTANT**

Dry ceiling suspension cables must be installed before installing ceiling.

FRAMING REQUIRED ON BOTH SIDES OF HOUSING

**HARD DRYWALL AND GRID CEILING - DIMENSIONS**

Nominal Length	"A" Housing Length	"B" Wire Rope	"C" Feed Location	
	Feet	Feet	12100-21	12100-33
2 ft.	1.98'	1.92'	3.58"	4.33"
3 ft.	2.98'	2.94'	3.58"	4.33"
4 ft.	3.98'	3.94'	3.58"	4.33"
8 ft.	7.96'	7.90'	3.58"	4.33"

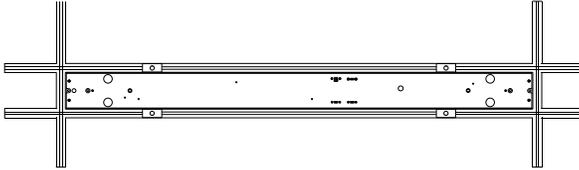


**RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.**

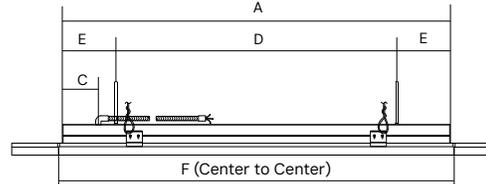
### Recessed in Grid Ceiling

#### Trimless

Top View

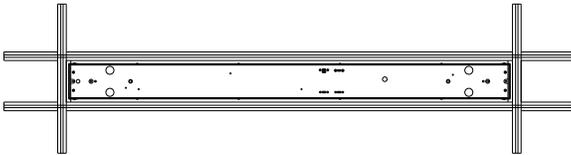


Side View

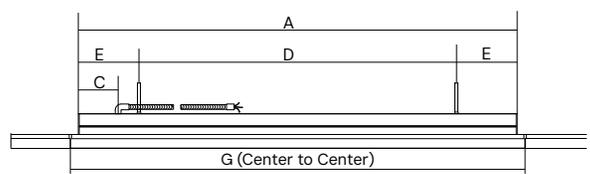


#### Trimmed

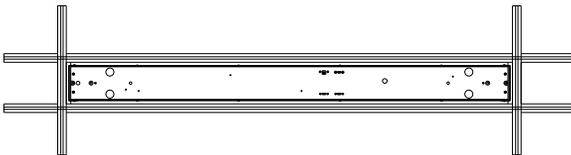
Top View



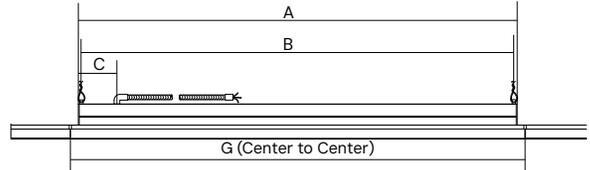
Side View



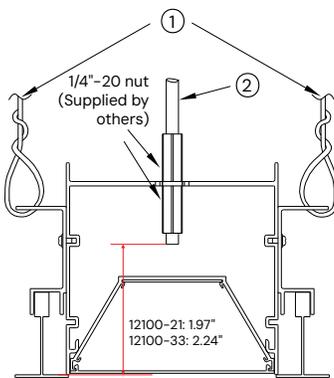
Top View



Side View

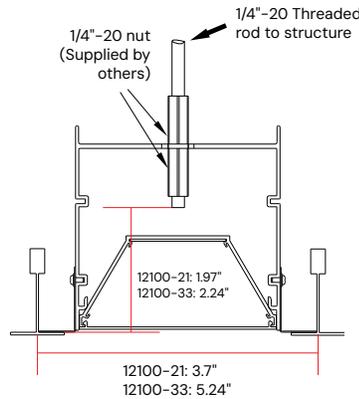


#### Trimless



- (Wire Suspension or 1/4"-20 Threaded rod to structure)
- ① Support wire to structure
  - ② 1/4"-20 Threaded rod to structure

#### Trimmed



#### IMPORTANT

You can choose support wire or 1/4"-20 threaded rod, but when installing with a suspension cable, dry ceiling suspension cables must be installed before installing ceiling, when installing with a suspension rod, the lighting fixtures must be installed before installing ceiling.

### GRID CEILING - DIMENSIONS

Nominal Length	"A" Housing Length	"B" Wire Rope	"C" Feed Location		"D" Rod Spacing	"E" End Suspensions	"F" Grid Spacing	"G" Grid Spacing
	Feet	Feet	12100-21	12100-33	Feet	Feet	Inch	Inch
2 ft.	1.98'	1.92'	3.58"	4.33"	0.88'	0.55'	23.98" Center to Center	24.96" Center to Center
3 ft.	2.98'	2.94'	3.58"	4.33"	1.88'	0.55'	35.99" Center to Center	36.97" Center to Center
4 ft.	3.98'	3.94'	3.58"	4.33"	2.88'	0.55'	48.00" Center to Center	48.98" Center to Center
8 ft.	7.96'	7.90'	3.58"	4.33"	6.84'	0.55'	95.99" Center to Center	96.50" Center to Center



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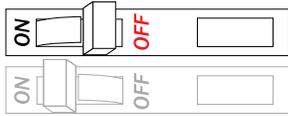
### IMPORTANT

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 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

CORD / SUPPLY WIRING		LUMINAIRE	
LINE	●	LINE-BLACK	●
GREEN	●	GROUND-GREEN	●
NEUTRAL	●	NEUTRAL-WHITE	●
DIM (+) VIOLET	●	VIOLET	●
DIM (-) PINK	●	PINK	●

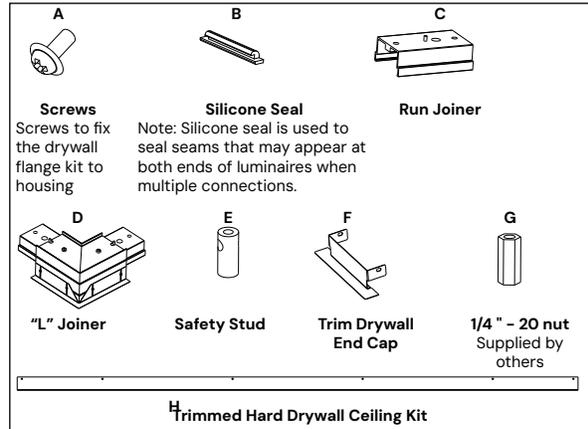


Please isolate two dimming wires by P2 terminal individually if no need dimming; Must connect wires with corresponding colors as shown.

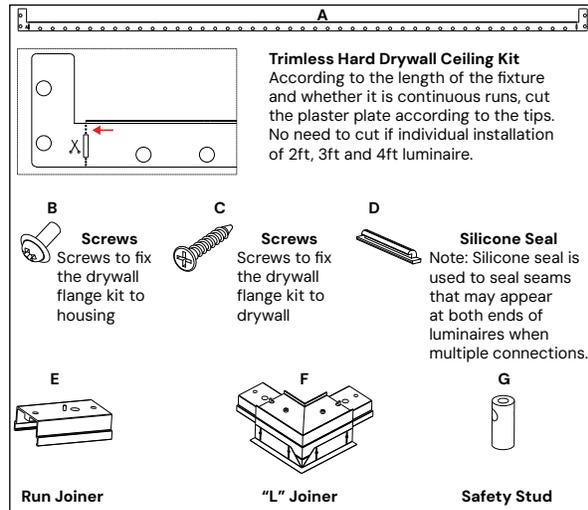
### PARTS LISTS

#### MUD-IN DRYWALL

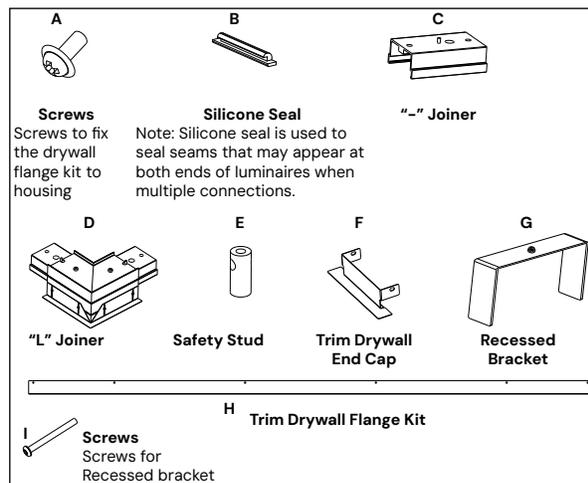
##### Trimmed with Stem Pendant



##### Trimless



##### Trimmed with Brackets





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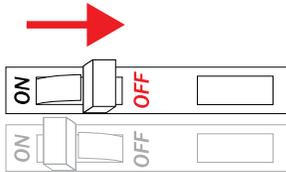
### IMPORTANT

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 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

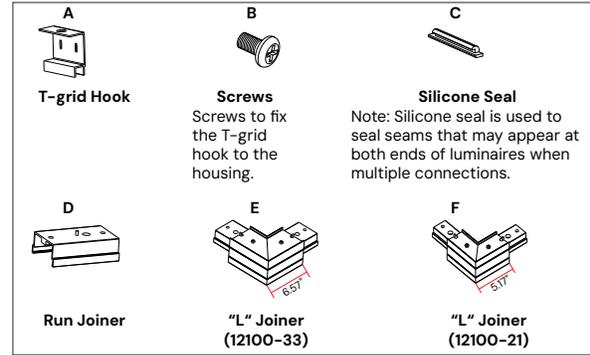
CORD / SUPPLY WIRING	LUMINAIRE	
	LINE	LINE-BLACK
GREEN	GROUND-GREEN	
NEUTRAL	NEUTRAL-WHITE	
DIM (+) VIOLET	VIOLET	
DIM (-) PINK	PINK	



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

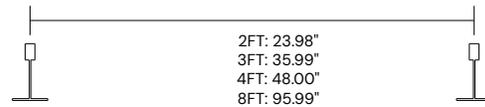
### PARTS LISTS

#### MUD-IN DRYWALL



#### Grid Ceiling Installation

Center-to-center distance (Length) 9/16" T-bar, 15/16" T-bar, 9/16" Screw Slot



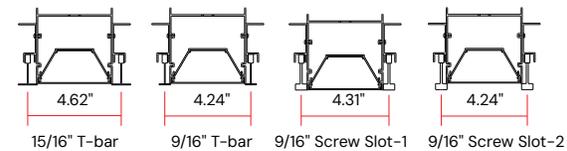
#### When continuous runs:

- Each additional 2FT fixture, increase the length by 23.51"
- Each additional 3FT fixture, increase the length by 35.51"
- Each additional 4FT fixture, increase the length by 47.52"
- Each additional 8FT fixture, increase the length by 95.04"

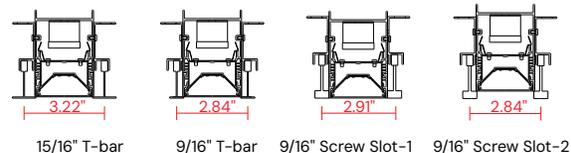


Attention: If do seamless continuous runs in the standard or existing T-Grid ceiling, there will be a gap between the End of fixture and the T-Grid, and the gap should be filled with gypsum ceiling board.

Center-to-center distance (Width)  
12100-33



12100-21 | -22





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### Recessed in Hard Drywall Ceiling

#### Trimmed with Stem Pendant

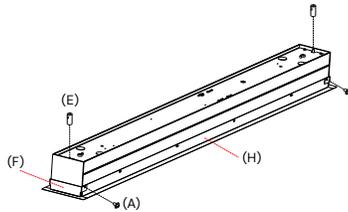
#### Before Connecting

#### INDEPENDENT INSTALLATION

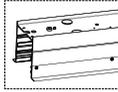
① Install end caps as shown.



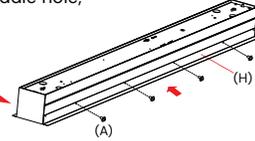
③ Fix the end cap (F) of Trim Drywall to both ends of the fixture with screws (A), and screw the lifting stud (E) onto both ends of the top of the fixture.



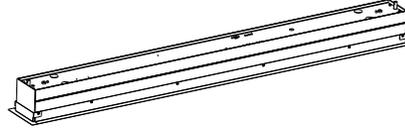
② Install Trim Drywall (H) at both ends of the fixture using screw (A) and only fix the middle hole, unfixed head and tail hole.



Flange kit bracket needs to align with luminaire 2 ends.



④ Secure the LED modules with aircraft cable and connect the DC male and female terminals.



#### MULTIPLE LUMINAIRES CONNECTION – LINE CONNECTION

① Install end caps and Run joiners.

##### START OF RUN

Install end caps and Run joiners as shown

##### INPUT END



##### MIDDLE OF RUN

Install Run joiners as shown

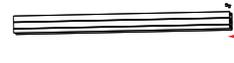
##### INPUT END



##### END OF RUN

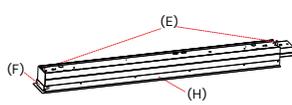
Install end caps as shown

##### INPUT END



② Install two side trim drywall (H), one side end cap (F) & Safety stud (E).

##### START OF RUN



##### MIDDLE OF RUN



##### END OF RUN



③ Secure the LED modules with aircraft cable and connect the DC male and female terminals.

##### START OF RUN



##### MIDDLE OF RUN



##### END OF RUN



#### MULTIPLE LUMINAIRES CONNECTION – L SHAPE CONNECTION

① Install end caps.

##### START OF RUN

##### INPUT END

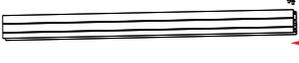


##### INPUT END



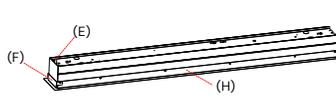
##### END OF RUN

##### INPUT END

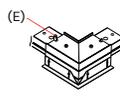


② Install two side trim drywall (H), one side end cap (F) & Safety stud (E).

##### START OF RUN



##### "L" Joiner



##### END OF RUN



③ Secure the LED modules with aircraft cable and connect the DC male and female terminals.

##### START OF RUN



##### END OF RUN

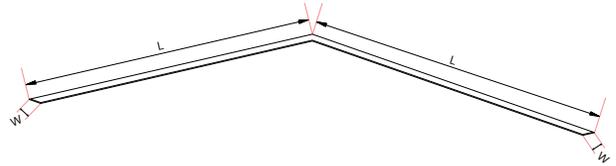




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### Trimmed with Stem Pendant

#### 1 Drill a hole in the ceiling



Drill a hole in the ceiling according to the following size:

##### 1. INDIVIDUAL INSTALLATION:

- ① 2FT: L24.17"×W2.95" (12100-21)  
L24.17"×W4.37" (12100-33)
- ② 3FT: L36.18"×W2.95" (12100-21)  
L36.18"×W4.37" (12100-33)
- ③ 4FT: L48.19"×W2.95" (12100-21)  
L48.19"×W4.37" (12100-33)
- ④ 8FT: L95.71"×W2.95" (12100-21)  
L95.71"×W4.37" (12100-33)

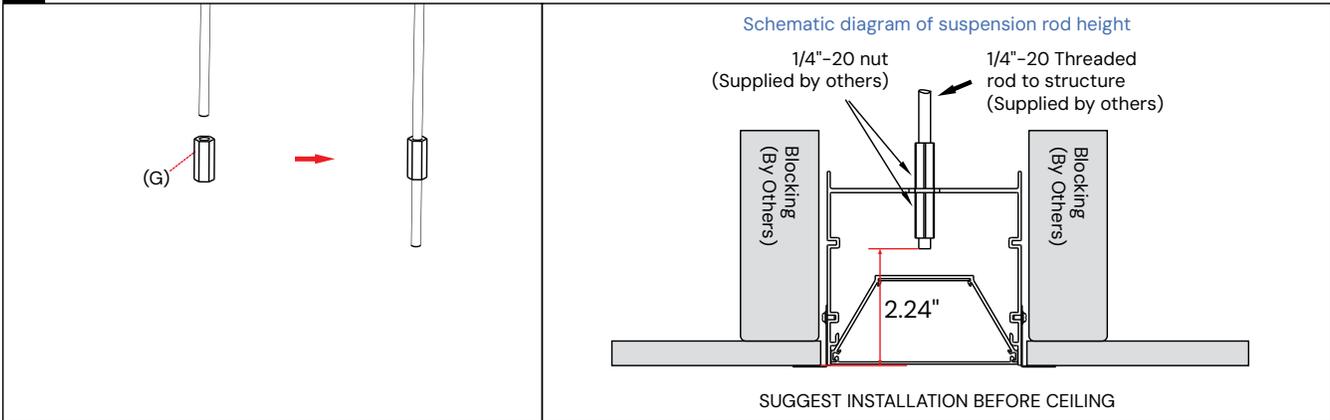
##### 2. MULTIPLE LUMINAIRES CONNECTION – LINE:

- ① 2FT: L24.17"×W2.95" (12100-21)  
L24.17"×W4.37" (12100-33)  
When continuous runs, each additional 2FT fixture increases the length by 23.51".
- ② 3FT: L36.18"×W2.95" (12100-21)  
L36.18"×W4.37" (12100-33)  
When continuous runs, each additional 3FT fixture increases the length by 35.51".
- ③ 4FT: L48.19"×W2.95" (12100-21)  
L48.19"×W4.37" (12100-33)  
When continuous runs, each additional 4FT fixture increases the length by 47.52".
- ④ 8FT: L95.71"×W2.95" (12100-21)  
L95.71"×W4.37" (12100-33)  
When continuous runs, each additional 8FT fixture increases the length by 95.04".

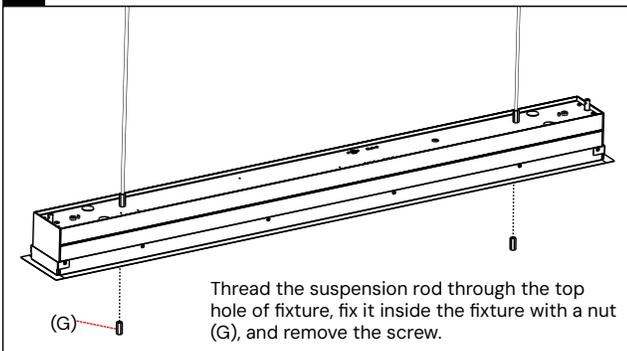
##### 3. MULTIPLE LUMINAIRES CONNECTION L LINE :

- ① 2FT: L29.45"×W2.95" (12100-21)  
L30.74"×W4.37" (12100-33)  
When continuous runs, each additional 2FT fixture increases the length by 23.51".
- ② 3FT: L41.45"×W2.95" (12100-21)  
L42.75"×W4.37" (12100-33)  
When continuous runs, each additional 3FT fixture increases the length by 35.51".
- ③ 4FT: L53.46"×W2.95" (12100-21)  
L54.76"×W4.37" (12100-33)  
When continuous runs, each additional 4FT fixture increases the length by 47.52".
- ④ 8FT: L100.94"×W2.95" (12100-21)  
L102.28"×W4.37" (12100-33)  
When continuous runs, each additional 8FT fixture increases the length by 95.04".

#### 2 Tighten the nut onto the suspension rod

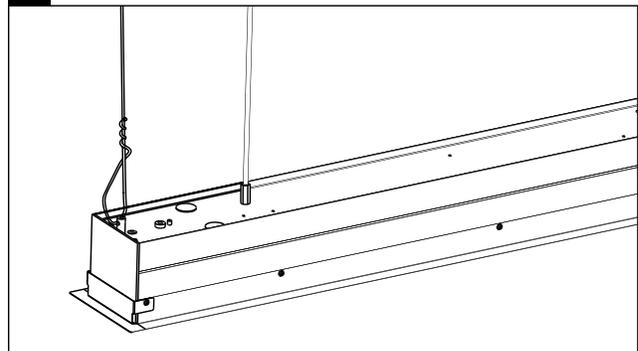


#### 3



#### 4

#### Secure both ends of the luminaire with safety ropes

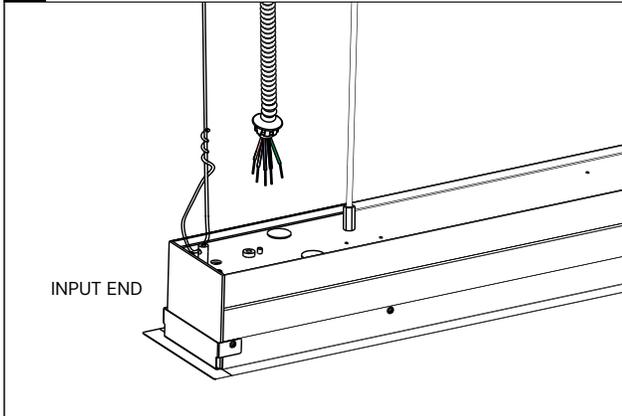




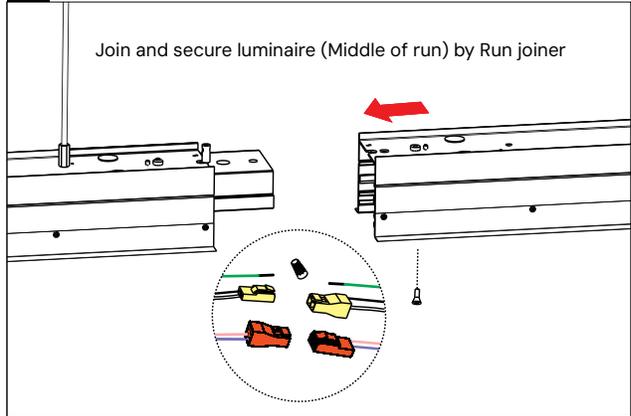
**RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.**

### Trimmed with Stem Pendant

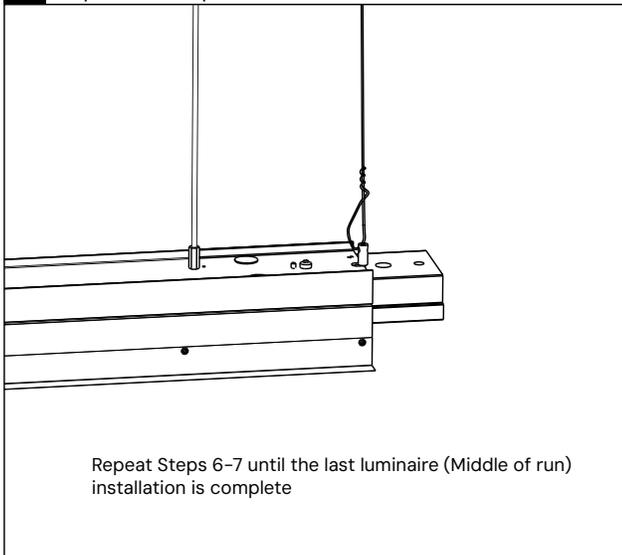
#### 5 Wiring



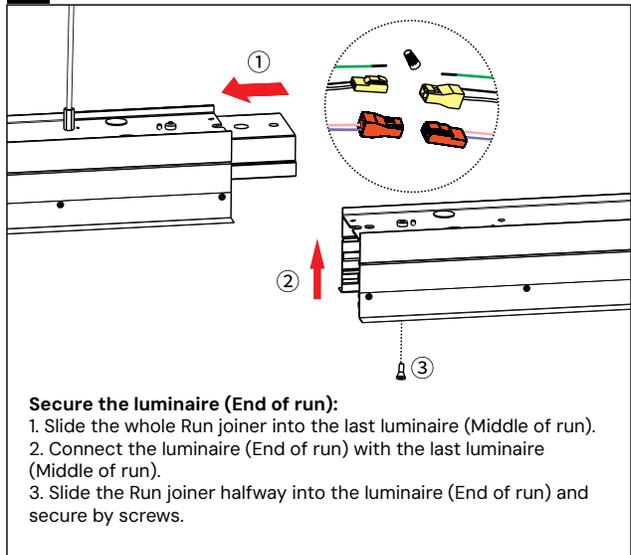
#### 6 Refer to steps 6-8 for installation of Multiple Luminaires – line connection



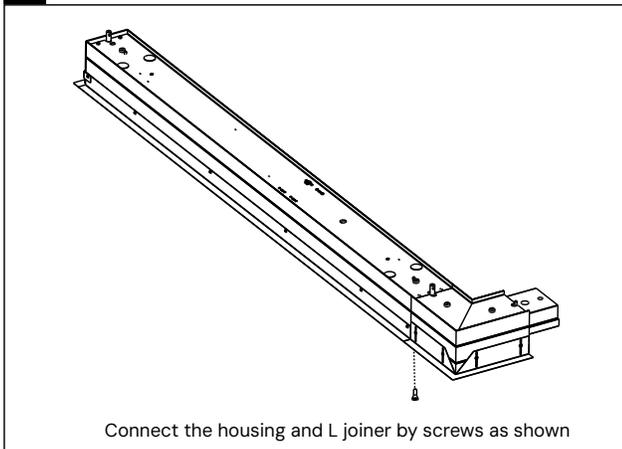
#### 7 Fix the middle fixture to the ceiling using steel wire ropes and suspension rods



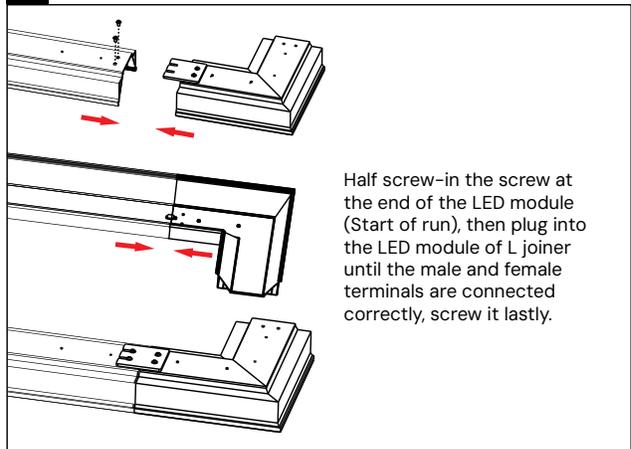
#### 8



#### 9 Refer to steps 9-11 for installation of multiple luminaires L connection



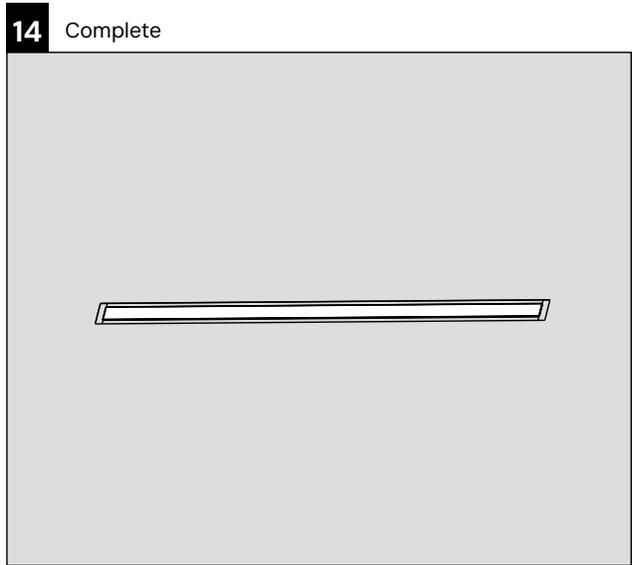
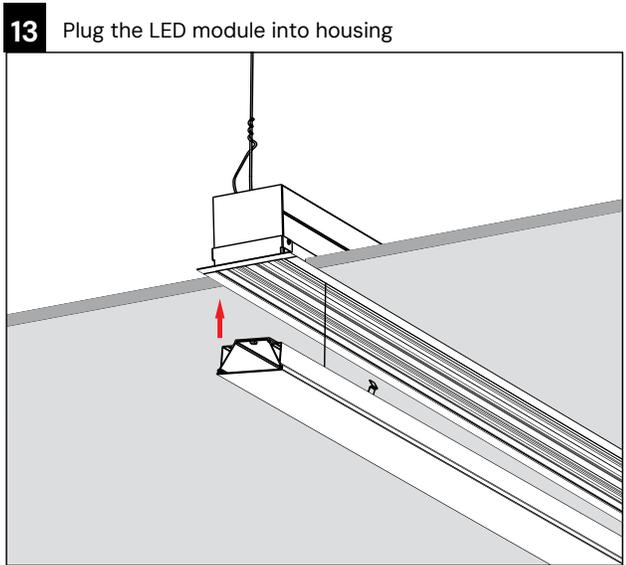
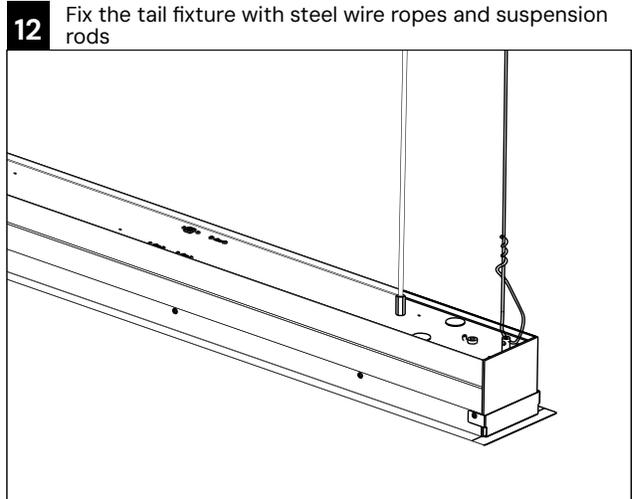
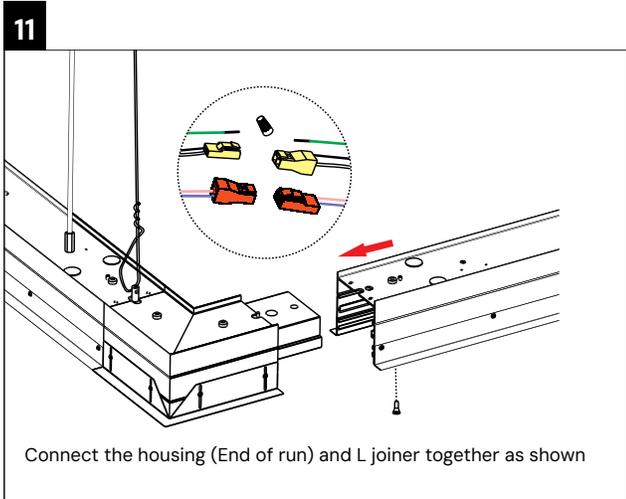
#### 10





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.

### Trimmed with Stem Pendant





**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.**

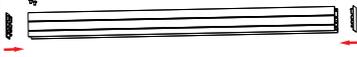
### Recessed in Hard Drywall Ceiling

#### Trimless

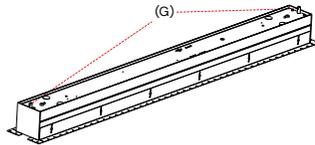
#### Before Connecting

##### INDEPENDENT INSTALLATION

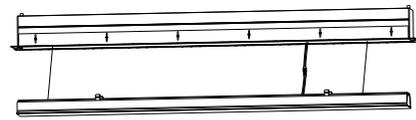
① Install end caps as shown.



② Install drywall flange kit (A) and safety stud (G) as shown.



③ Secure the LED modules with aircraft cable and connect the DC male and female terminals.

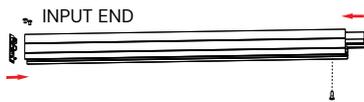


##### MULTIPLE LUMINAIRES CONNECTION – LINE CONNECTION

① Install end caps and Run joiners.

###### START OF RUN

Install end caps and Run joiners as shown



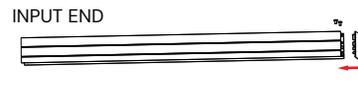
###### MIDDLE OF RUN

Install Run joiners as shown



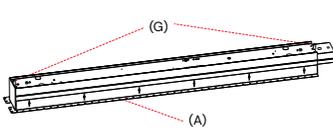
###### END OF RUN

Install end caps as shown

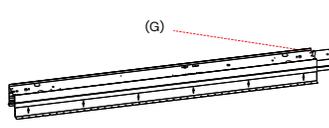


② Install drywall flange kit (A) and safety stud (G) as shown.

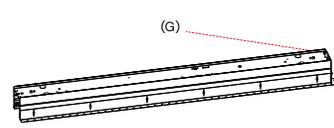
###### START OF RUN



###### MIDDLE OF RUN



###### END OF RUN



③ Secure the LED modules with aircraft cable and connect the DC male and female terminals.

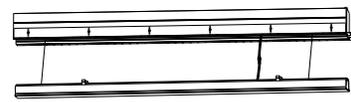
###### START OF RUN



###### MIDDLE OF RUN



###### END OF RUN

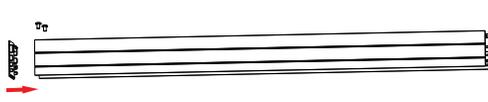


##### MULTIPLE LUMINAIRES CONNECTION – L SHAPE CONNECTION

① Install end caps.

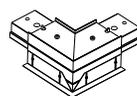
###### START OF RUN

INPUT END

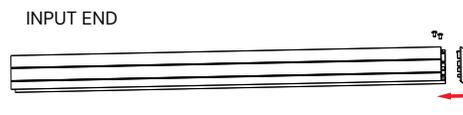


INPUT END

"L" Joiner

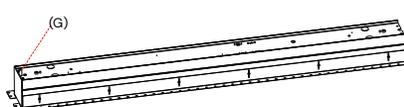


###### END OF RUN

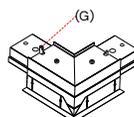


② Install drywall flange kit (A) and safety stud (G) as shown.

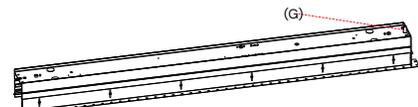
###### START OF RUN



"L" Joiner



###### END OF RUN



③ Secure the LED modules with aircraft cable and connect the DC male and female terminals.

###### START OF RUN



###### END OF RUN

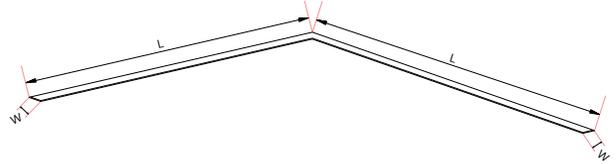




**RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.**

### Trimless

#### 1 Drill a hole in the ceiling



Drill a hole in the ceiling according to the following size:

##### 1. INDIVIDUAL INSTALLATION:

- |   |   |
|---|---|
| ① 2FT: L23.78"×W2.72" (12100-21)<br>L23.78"×W4.12" (12100-33) | ③ 4FT: L47.80"×W2.72" (12100-21)<br>L47.80"×W4.12" (12100-33) |
| ② 3FT: L35.79"×W2.72" (12100-21)<br>L35.79"×W4.12" (12100-33) | ④ 8FT: L95.36"×W2.72" (12100-21)<br>L95.36"×W4.12" (12100-33) |

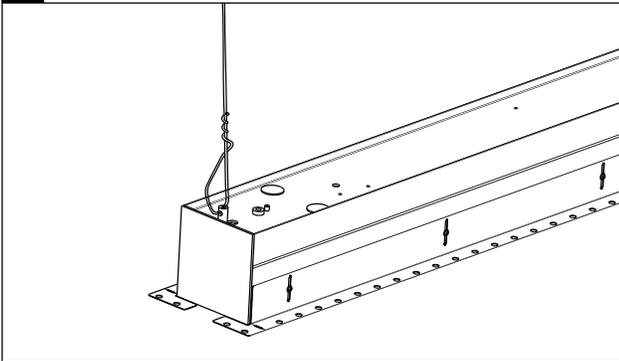
##### 2. MULTIPLE LUMINAIRES CONNECTION – LINE:

- ① 2FT: L23.78"×W2.72" (12100-21)  
L23.78"×W4.12" (12100-33)  
When continuous runs, each additional 2FT fixture increases the length by 23.51".
- ② 3FT: L35.79"×W2.72" (12100-21)  
L35.79"×W4.12" (12100-33)  
When continuous runs, each additional 3FT fixture increases the length by 35.51".
- ③ 4FT: L47.80"×W2.72" (12100-21)  
L47.80"×W4.12" (12100-33)  
When continuous runs, each additional 4FT fixture increases the length by 47.52".
- ④ 8FT: L95.36"×W2.72" (12100-21)  
L95.36"×W4.12" (12100-33)  
When continuous runs, each additional 8FT fixture increases the length by 95.04".

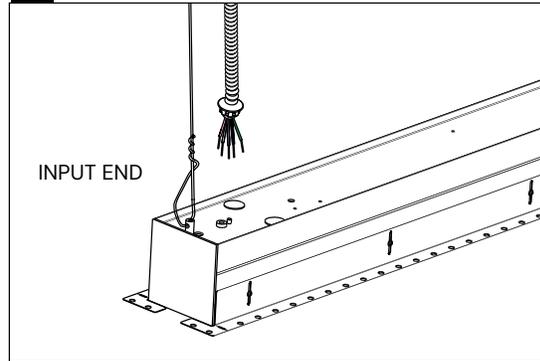
##### 3. MULTIPLE LUMINAIRES CONNECTION L LINE :

- ① 2FT: L29.06"×W2.72" (12100-21)  
L30.35"×W4.12" (12100-33)  
When continuous runs, each additional 2FT fixture increases the length by 23.51".
- ② 3FT: L41.06"×W2.72" (12100-21)  
L42.36"×W4.12" (12100-33)  
When continuous runs, each additional 3FT fixture increases the length by 35.51".
- ③ 4FT: L53.07"×W2.72" (12100-21)  
L54.37"×W4.12" (12100-33)  
When continuous runs, each additional 4FT fixture increases the length by 47.52".
- ④ 8FT: L100.59"×W2.72" (12100-21)  
L101.93"×W4.12" (12100-33)  
When continuous runs, each additional 8FT fixture increases the length by 95.04".

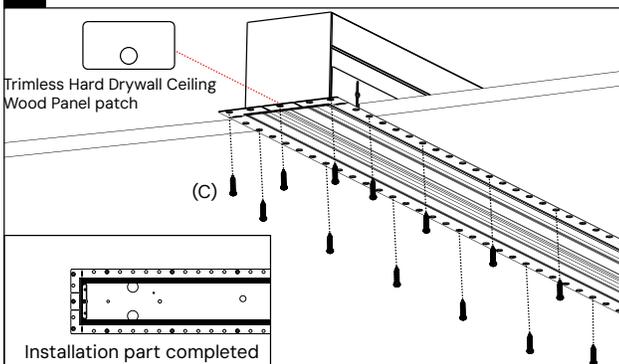
#### 2 Secure both ends of the luminaire with safety ropes



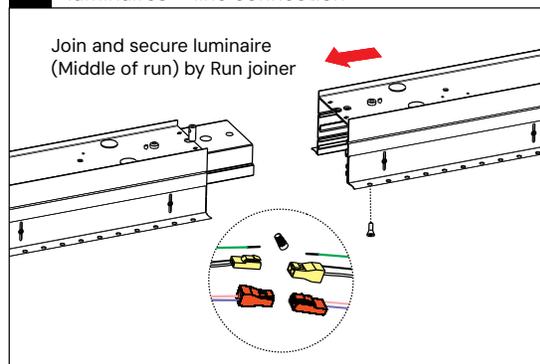
#### 3 Wiring



#### 4 Secure the luminaire to the ceiling by screws



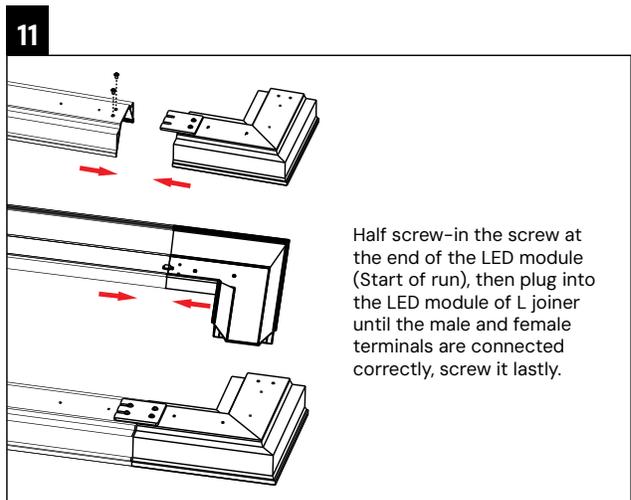
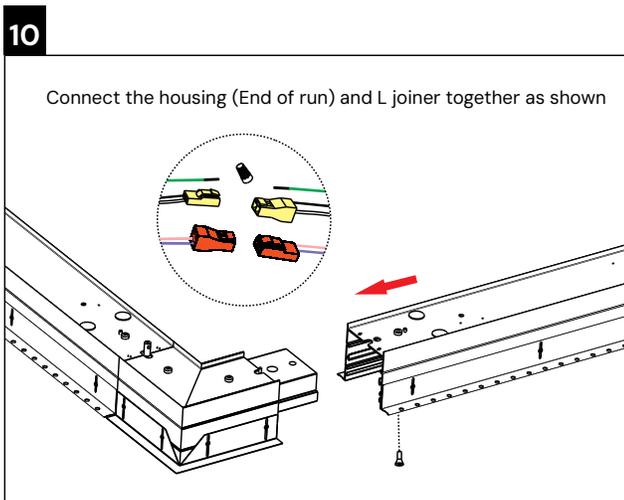
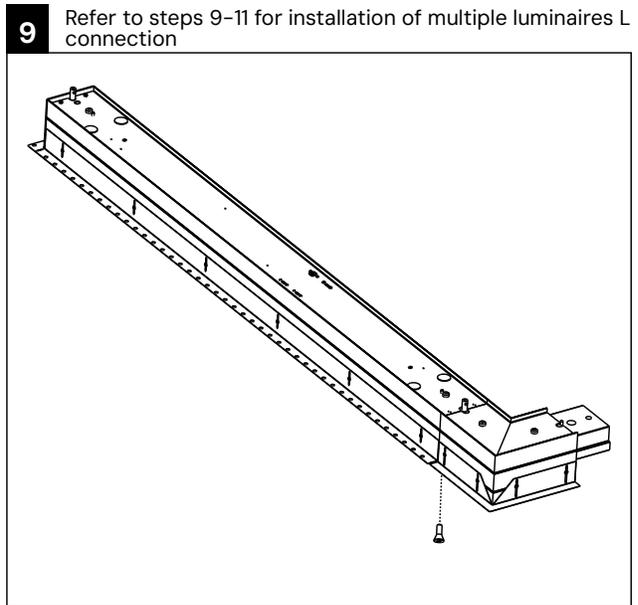
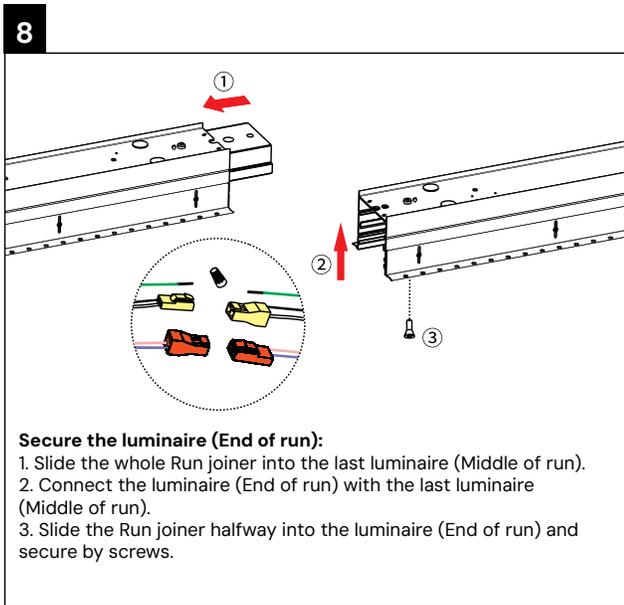
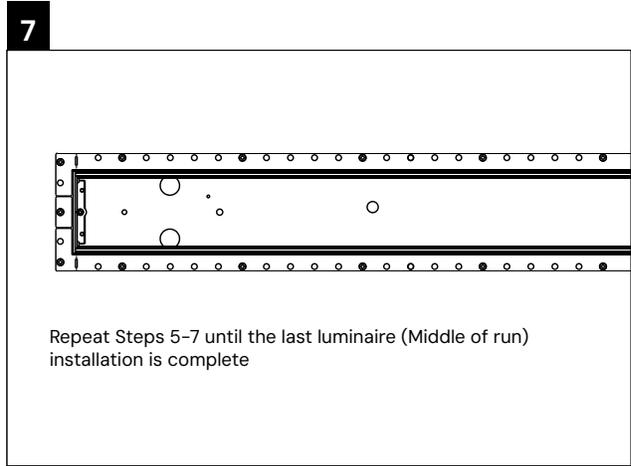
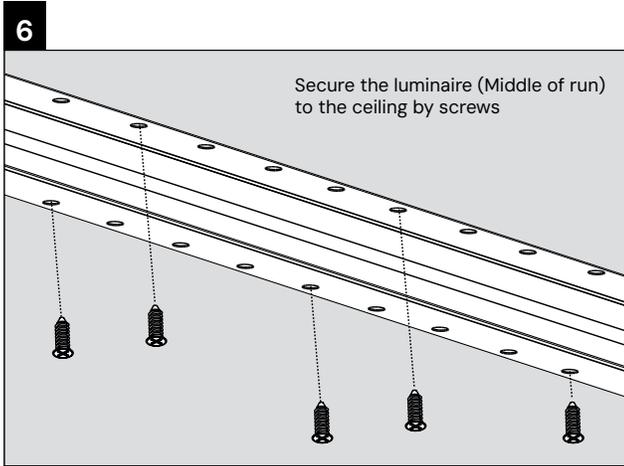
#### 5 Refer to steps 5-8 for installation of multiple luminaires – line connection





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### Trimless

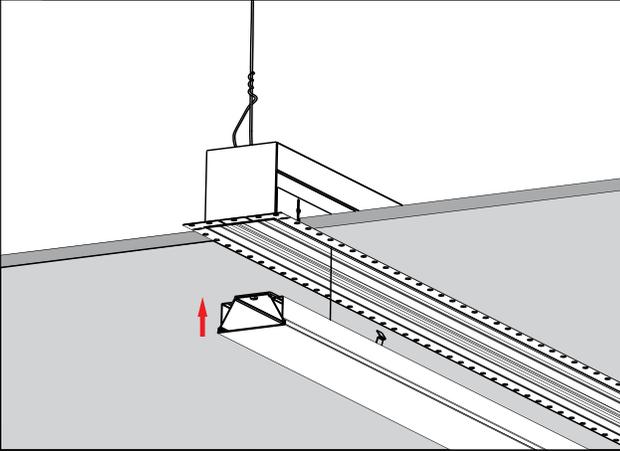




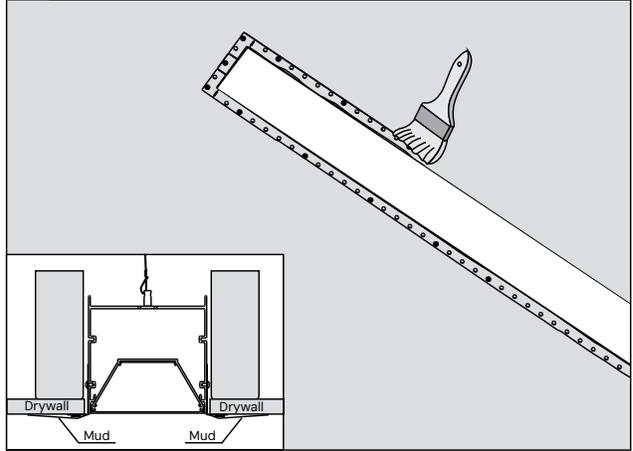
RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

### Trimless

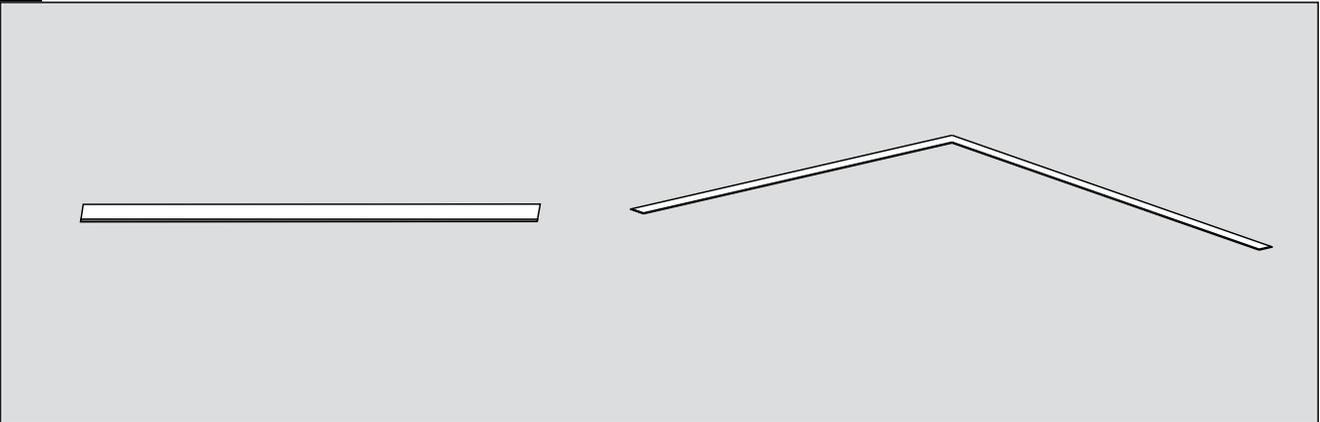
**12** Plug the LED module into housing



**13** Plaster and remove the film on the PC diffuser



**14** Complete





**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.**

### Recessed in Hard Drywall Ceiling

#### Trimmed with Brackets

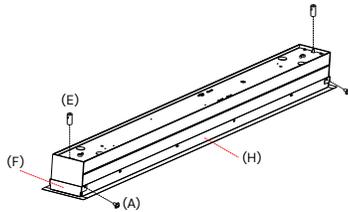
#### Before Connecting

#### INDEPENDENT INSTALLATION

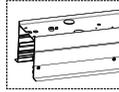
- ① Install end caps as shown.



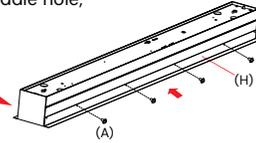
- ③ Fix the end cap (F) of Trim Drywall to both ends of the fixture with screws (A), and screw the lifting stud (E) onto both ends of the top of the fixture.



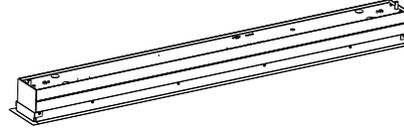
- ② Install Trim Drywall (H) at both ends of the fixture using screw (A) and only fix the middle hole, unfixed head and tail hole.



Flange kit bracket needs to align with luminaire 2 ends.



- ④ Secure the LED modules with aircraft cable and connect the DC male and female terminals.



#### MULTIPLE LUMINAIRES CONNECTION – LINE CONNECTION

- ① Install end caps and Run joiners.

##### START OF RUN

Install end caps and Run joiners as shown

##### INPUT END



##### MIDDLE OF RUN

Install Run joiners as shown

##### INPUT END



##### END OF RUN

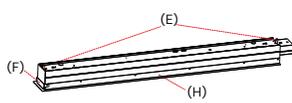
Install end caps as shown

##### INPUT END



- ② Install two side trim drywall (H), one side end cap (F) & Safety stud (E).

##### START OF RUN



##### MIDDLE OF RUN



##### END OF RUN



- ③ Secure the LED modules with aircraft cable and connect the DC male and female terminals.

##### START OF RUN



##### MIDDLE OF RUN



##### END OF RUN

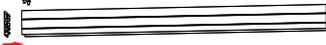


#### MULTIPLE LUMINAIRES CONNECTION – L SHAPE CONNECTION

- ① Install end caps.

##### START OF RUN

##### INPUT END



##### INPUT END

##### "L" Joiner



##### END OF RUN

##### INPUT END

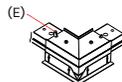


- ② Install two side trim drywall (H), one side end cap (F) & Safety stud (E).

##### START OF RUN



##### "L" Joiner



##### END OF RUN



- ③ Secure the LED modules with aircraft cable and connect the DC male and female terminals.

##### START OF RUN



##### END OF RUN

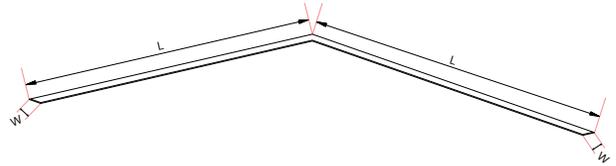




**RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.**

### Trimmed with Brackets

#### 1 Drill a hole in the ceiling



Drill a hole in the ceiling according to the following size:

##### 1. INDIVIDUAL INSTALLATION:

- ① 2FT: L24.17"×W2.95" (12100-21)  
L24.17"×W4.37" (12100-33)
- ② 3FT: L36.18"×W2.95" (12100-21)  
L36.18"×W4.37" (12100-33)
- ③ 4FT: L48.19"×W2.95" (12100-21)  
L48.19"×W4.37" (12100-33)
- ④ 8FT: L95.71"×W2.95" (12100-21)  
L95.71"×W4.37" (12100-33)

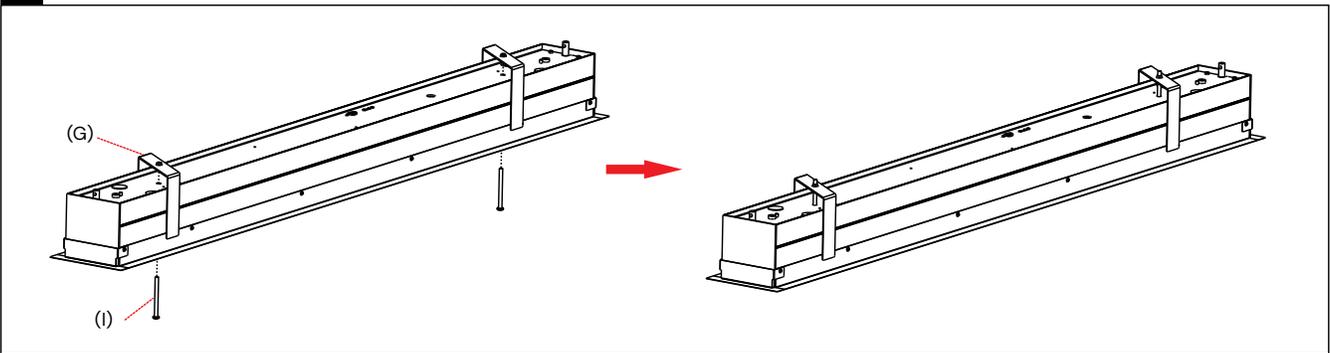
##### 2. MULTIPLE LUMINAIRES CONNECTION – LINE:

- ① 2FT: L24.17"×W2.95" (12100-21)  
L24.17"×W4.37" (12100-33)  
When continuous runs, each additional 2FT fixture increases the length by 23.51".
- ② 3FT: L36.18"×W2.95" (12100-21)  
L36.18"×W4.37" (12100-33)  
When continuous runs, each additional 3FT fixture increases the length by 35.51".
- ③ 4FT: L48.19"×W2.95" (12100-21)  
L48.19"×W4.37" (12100-33)  
When continuous runs, each additional 4FT fixture increases the length by 47.52".
- ④ 8FT: L95.71"×W2.95" (12100-21)  
L95.71"×W4.37" (12100-33)  
When continuous runs, each additional 8FT fixture increases the length by 95.04".

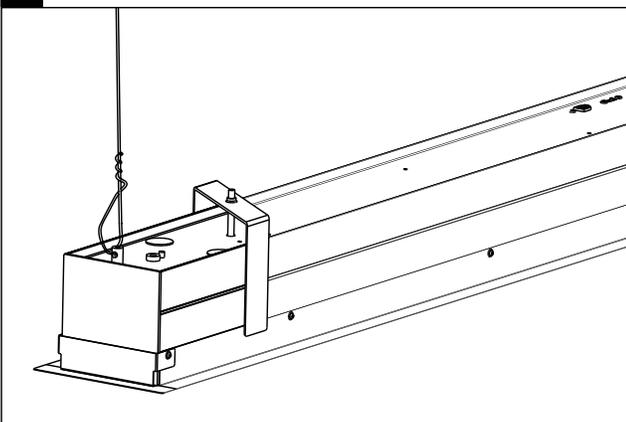
##### 3. MULTIPLE LUMINAIRES CONNECTION L LINE :

- ① 2FT: L29.45"×W2.95" (12100-21)  
L30.74"×W4.37" (12100-33)  
When continuous runs, each additional 2FT fixture increases the length by 23.51".
- ② 3FT: L41.45"×W2.95" (12100-21)  
L42.75"×W4.37" (12100-33)  
When continuous runs, each additional 3FT fixture increases the length by 35.51".
- ③ 4FT: L53.46"×W2.95" (12100-21)  
L54.76"×W4.37" (12100-33)  
When continuous runs, each additional 4FT fixture increases the length by 47.52".
- ④ 8FT: L100.94"×W2.95" (12100-21)  
L102.28"×W4.37" (12100-33)  
When continuous runs, each additional 8FT fixture increases the length by 95.04".

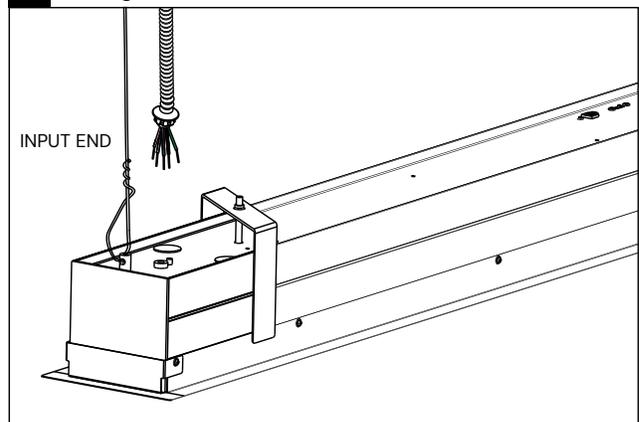
#### 2 Fix the recessed bracket to the housing with screws



#### 3 Secure both ends of the luminaire with safety ropes



#### 4 Wiring

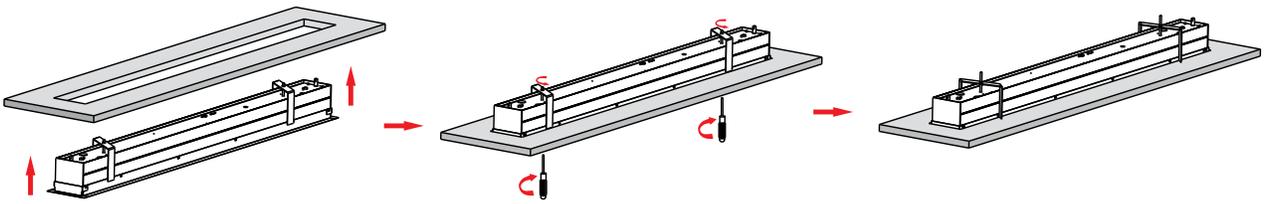




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### Trimmed with Brackets

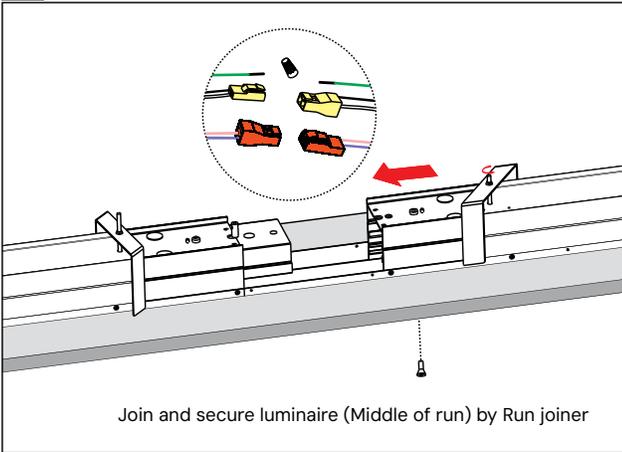
**5**



Insert the fixture into the ceiling and tighten the screws of recessed brackets to rotate the recessed brackets to fix the fixture on the ceiling

**6**

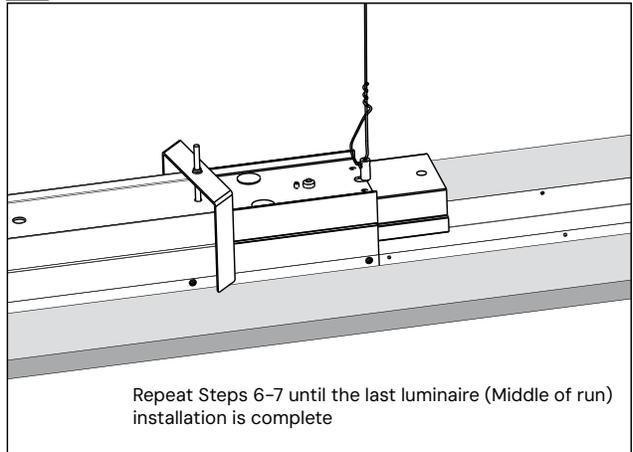
Refer to steps 6-8 for installation of Multiple Luminares – line connection



Join and secure luminaire (Middle of run) by Run joiner

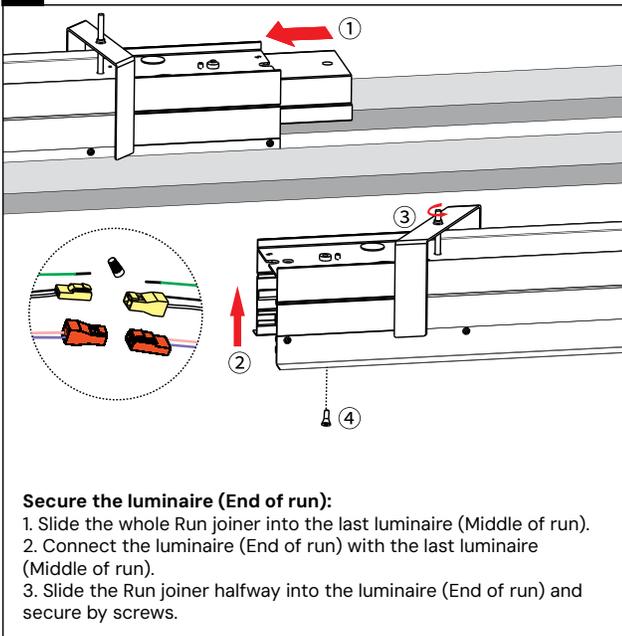
**7**

Fix the middle fixture to the ceiling using steel wire ropes and recessed brackets



Repeat Steps 6-7 until the last luminaire (Middle of run) installation is complete

**8**

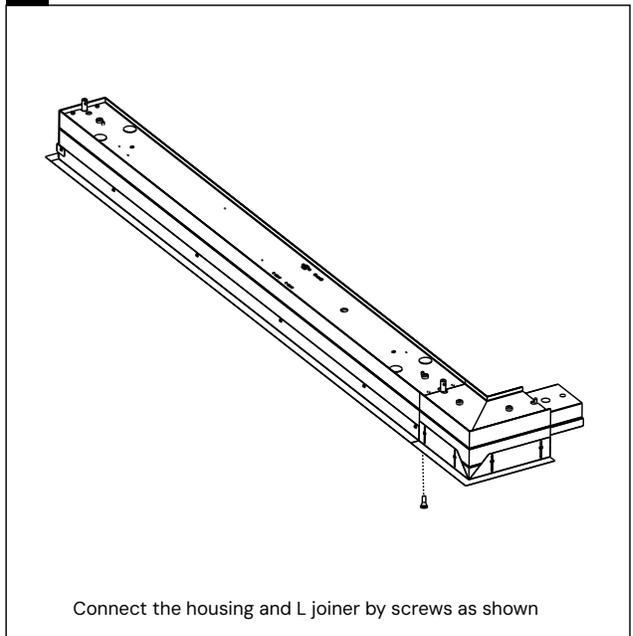


**Secure the luminaire (End of run):**

1. Slide the whole Run joiner into the last luminaire (Middle of run).
2. Connect the luminaire (End of run) with the last luminaire (Middle of run).
3. Slide the Run joiner halfway into the luminaire (End of run) and secure by screws.

**9**

Refer to steps 9-11 for installation of multiple luminaires L connection.



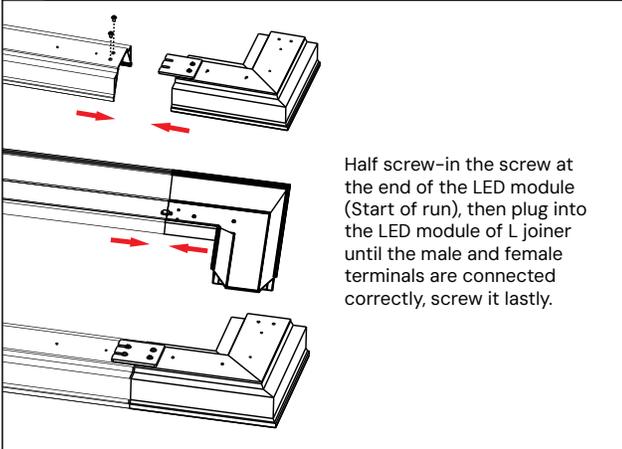
Connect the housing and L joiner by screws as shown



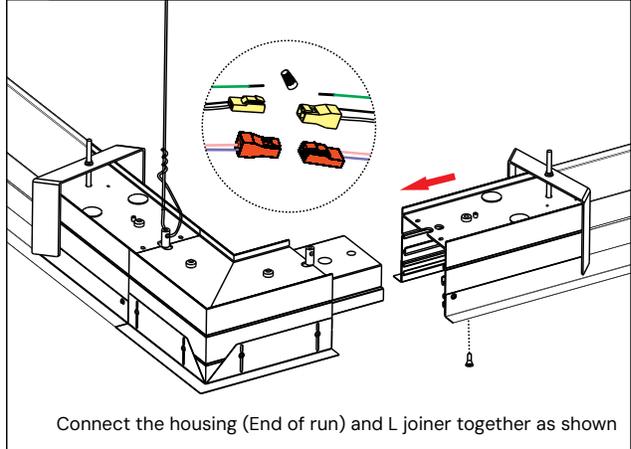
**RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.**

### Trimmed with Brackets

**10**

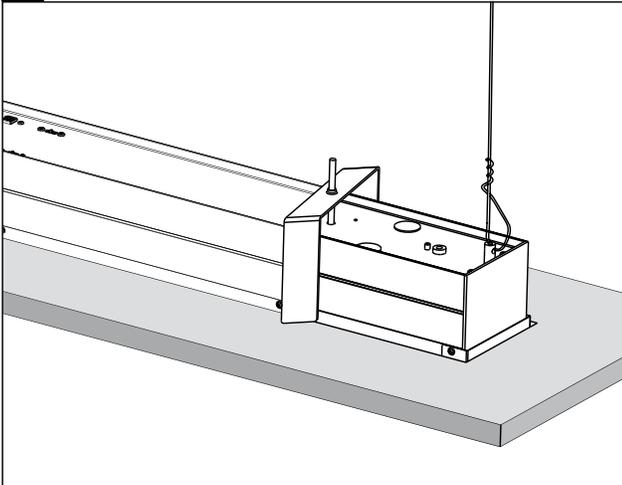


**11**



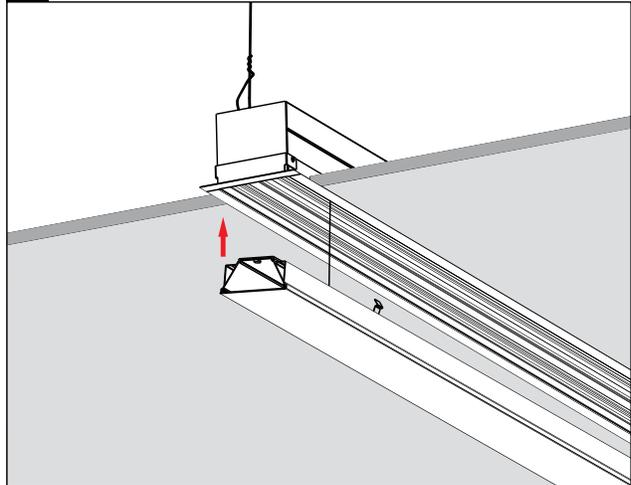
**12**

Fix the tail fixture with steel wire ropes and Recessed Bracket



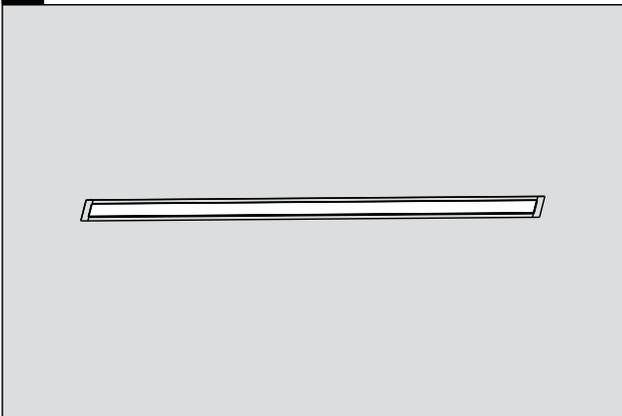
**13**

Plug the LED module into housing



**14**

Complete





**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.**

### Recessed in Grid Ceiling

Trimless | Trimmed

Before Connecting

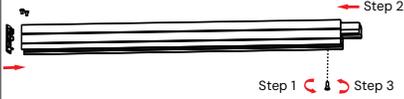
#### MULTIPLE LUMINAIRES CONNECTION – LINE CONNECTION

① Install end caps and Run joiners.

START OF RUN

Install end caps and Run joiners as shown

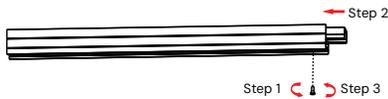
INPUT



MIDDLE OF RUN

Install Run joiners as shown

INPUT



END OF RUN

Install end caps as shown

INPUT



② Install T-grid hooks (A) as shown.

START OF RUN



MIDDLE OF RUN

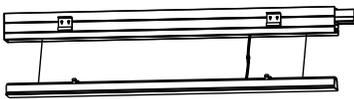


END OF RUN

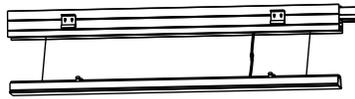


③ Secure the LED modules with aircraft cable and connect the DC male and female terminals.

START OF RUN



MIDDLE OF RUN



END OF RUN



#### MULTIPLE LUMINAIRES CONNECTION – L SHAPE CONNECTION

① Install end caps.

START OF RUN

Install end caps as shown

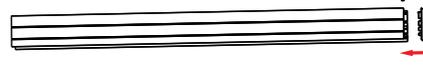
INPUT



END OF RUN

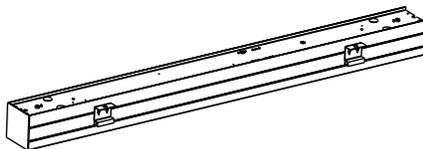
Install end caps as shown

INPUT

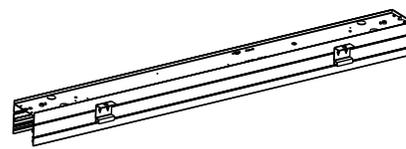


② Install T-grid hooks (A) as shown.

START OF RUN



END OF RUN

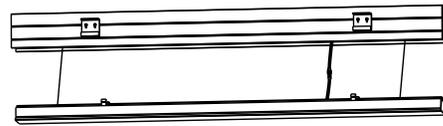


③ Secure the LED modules with aircraft cable and connect the DC male and female terminals.

START OF RUN



END OF RUN





**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.**

### Recessed in Grid Ceiling

**1**

Install the T-grid hook on the housing by screws.

*It can be moved up and down according to the different ceiling type.*

**2**

Install end cap as shown

**3**

Secure the LED module with aircraft cable and connect the DC male and female terminals.

**4**

Install the luminaire in the T-grid

**5**

Secure the T-grid hooks with safety ropes

**6** Wiring

INPUT END

**7** Refer to steps 7-9 for installation of multiple - connection

Join and secure luminaire (Middle of run) by Run joiner

**8**

Repeat Steps 4 until the last luminaire (Middle of run) installation is complete



**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.**

### Recessed in Grid Ceiling

**9**

**Secure the luminaire (End of run):**

1. Slide the whole Run joiner into the last luminaire (Middle of run).
2. Connect the luminaire (End of run) with the last luminaire (Middle of run).
3. Slide the Run joiner halfway into the luminaire (End of run) and secure by screws.

**10** Refer to steps 10-12 for installation of multiple luminaires L connection

Connect the housing and L joiner by screws as shown

**11**

Half screw-in the screw at the end of the LED module (Start of run), then plug into the LED module of L joiner until the male and female terminals are connected correctly, screw it lastly.

**12**

Connect the housing (End of run) and L joiner together as shown

**13**

Plug the LED module into housing

**14** Complete