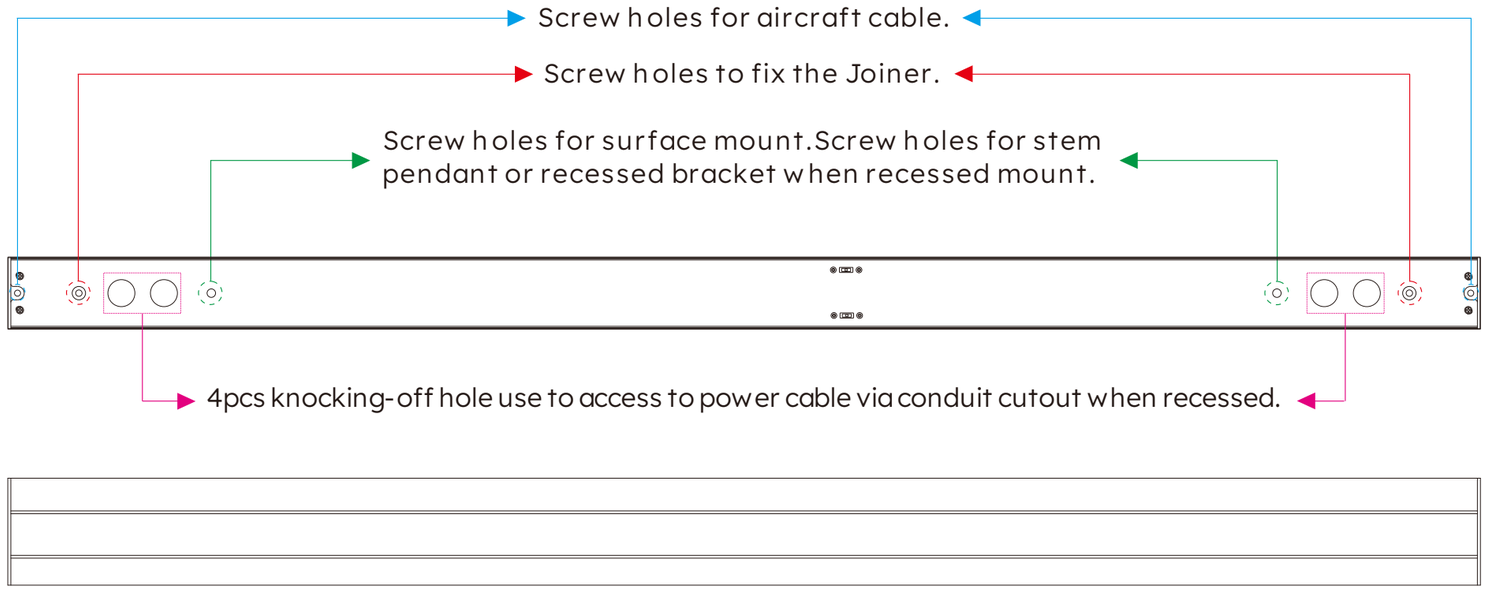
Recessed Linear

ARCHITECTURAL LED LUMINAIRE

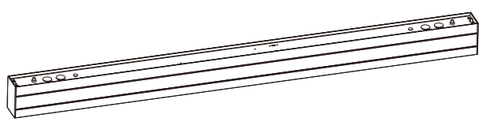
LOCATION:
DATE:
FIXTURE TYPE:
PROJECT NAME:

2.3" Width Linear



The product styles you received

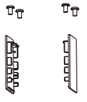
First style:
finished product with power cord



Second style:
semi-finished product

① Housing

② Down led module



③ End caps

Recessed Linear

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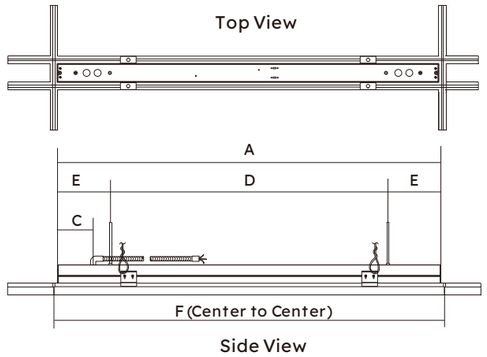
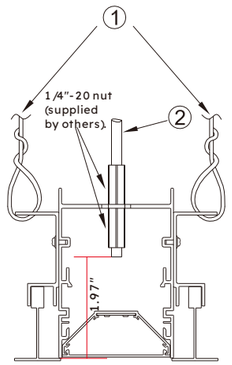
Grid Ceiling

Trimless



Grid Ceiling
(Wire Suspension or1 /4"-20 Threaded rod to structure)



① Support wire to structure

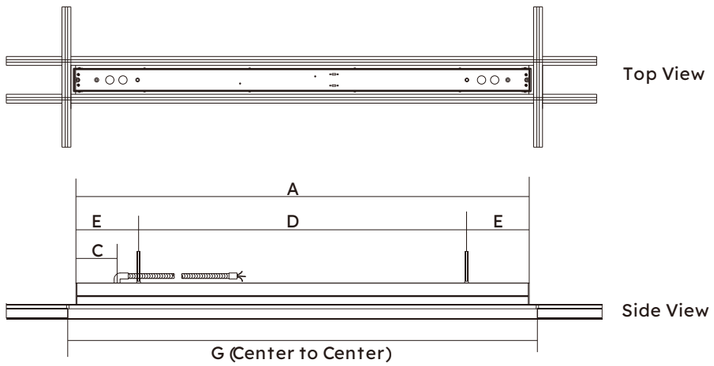
② 1 /4"-20 Threaded rod to structuree

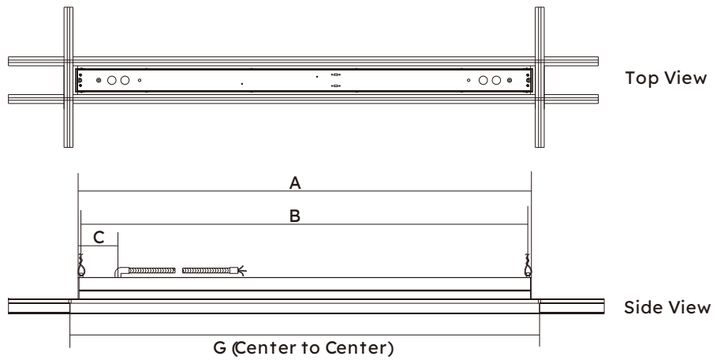
You can choose Support wire or 1 /4 "-20 threaded rod, but when installing with a suspension cable, DRY ceiling suspension cables must be installed before installing CEILING , when installing with a suspension rod, the lighting fixtures must be installed before installing CEILING.

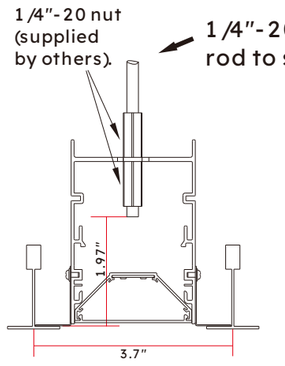
GRID CEILING - DIMENSIONS

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	Inch	Feet	Feet	Inch	Inch
2 ft.	1.98′	1.92′	3.58″	0.88′	0.55′	23.98″ Center to Center	24.96″ Center to Center
3 ft.	2.98′	2.94′	3.58″	1.88′	0.55′	35.99″ Center to Center	36.97″ Center to Center
4 ft.	3.98′	3.94′	3.58″	2.88′	0.55′	48.00″ Center to Center	48.98″ Center to Center
8 ft.	7.96′	7.90′	3.58″	6.84′	0.55′	95.99″ Center to Center	96.50″ Center to Center

Trim







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.

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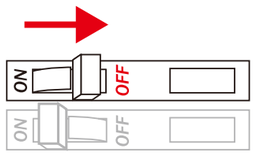
IMPORTANT

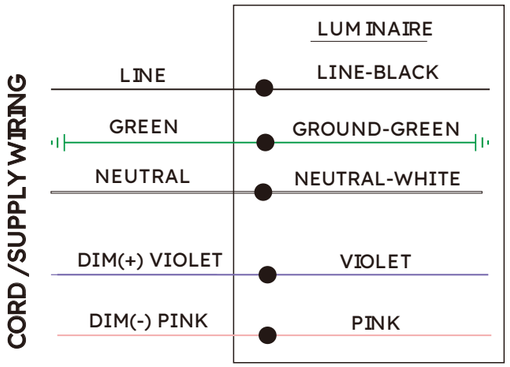
1. Read all instructions.
2. Install in accordance with national and local electrical code regulations.
3. This product is intended to be installed and serviced by a qualified, licensed electrician.
4. Do not install in wet locations. For dry and damp use only.
5. Turn off electrical power before installing 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 in 120AC, 100FT 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.

PARTS LISTS

MUD-IN DRYWALL

A

T-grid Hook

B

Screws

Screws to fix the T-grid hook to the housing

C

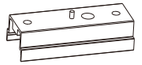
PC diffuser

D

Silicone Seal

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

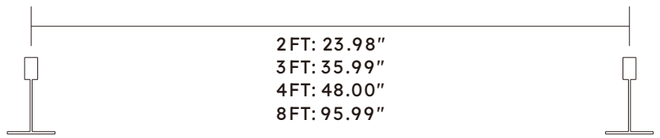
E



Line Joiner

Grid Ceiling Installation

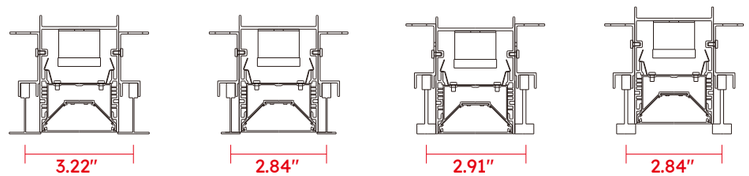
Centre-to-centre distance(Length)9/16" Flat, 15/16" Flat, 9/16" Slot)



When continuous rus:
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".

Grid Ceiling Installation

Centre-to-centre distance (Width)



15/16"Flat | 9/16"Flat | 9/16"Slot-1 | 9/16"Slot-2

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PROJECT NAME:

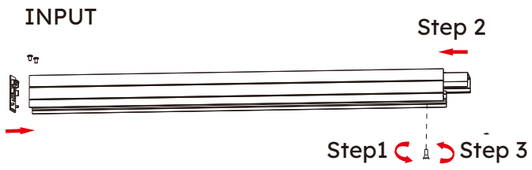
BEFORE CONNECTING

MULTIPLE LUMINAIRES CONNECTION – LINE CONNECTION

① Install the end caps and Line joiners

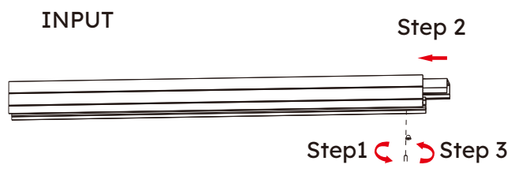
START OF RUN

Install end caps and Line joiners as shown



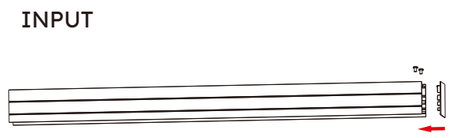
MIDDLE OF RUN

Install Line joiners as shown



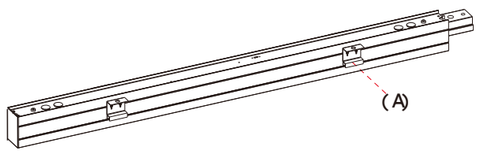
END OF RUN

Install end caps as shown

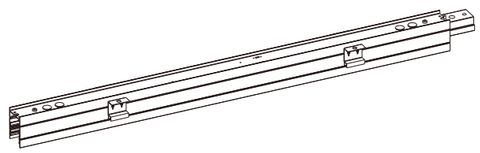


② Install T-grid hooks (A) as shown

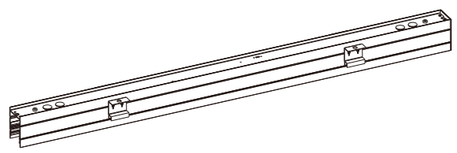
START OF RUN



MIDDLE OF RUN

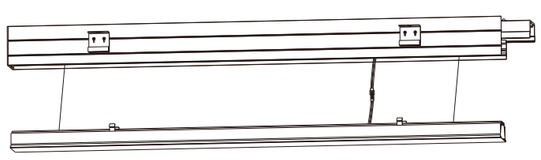


END OF RUN



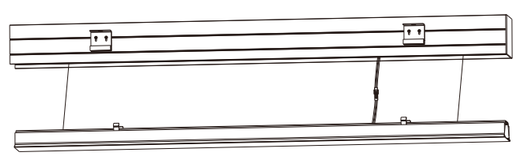
③ Secure the LED modules with aircraft cable and connect the DC male and female terminals

START OF RUN



MIDDLE OF RUN

END OF RUN



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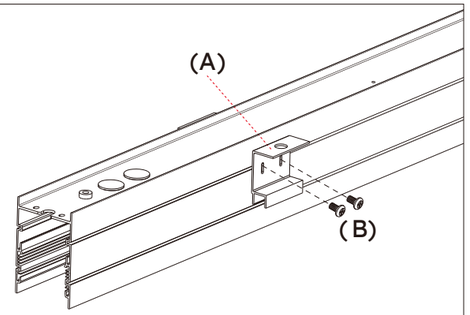
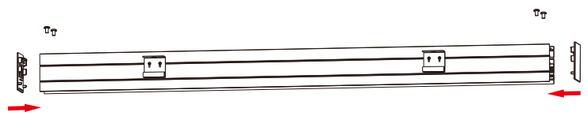
1



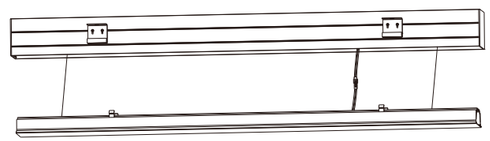
Install the T-grid hook on the housing by screws.
It can be moved up and down according to the different ceiling type.

2



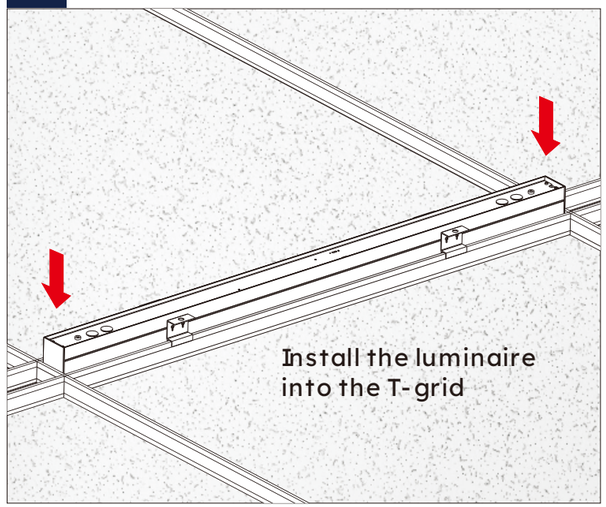
Install end cap as shown

3

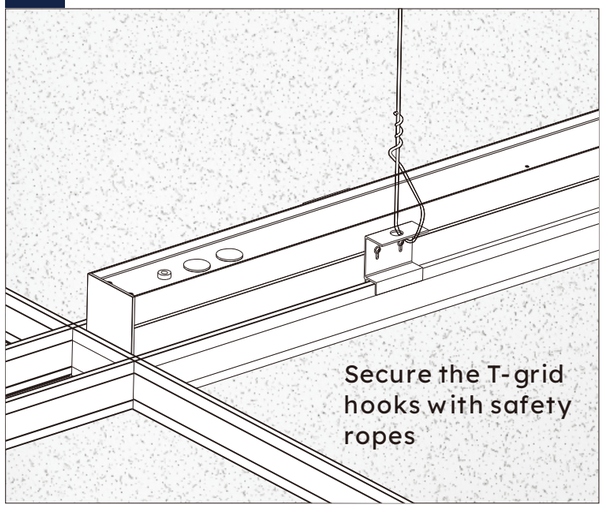


Secure the LED module with aircraft cable and connect the DC male and female terminals

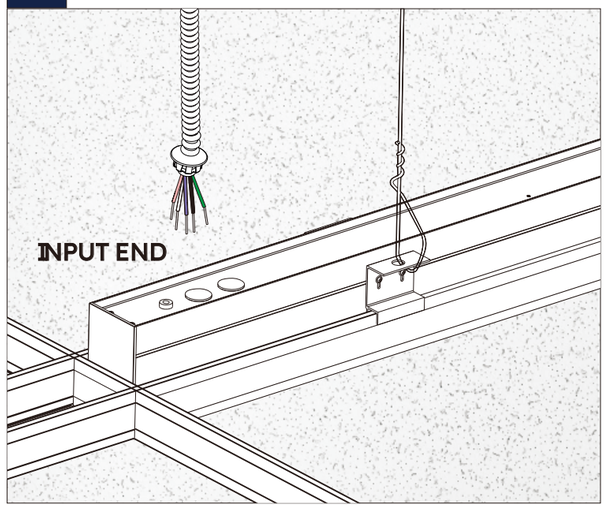
4



5



6 Wiring



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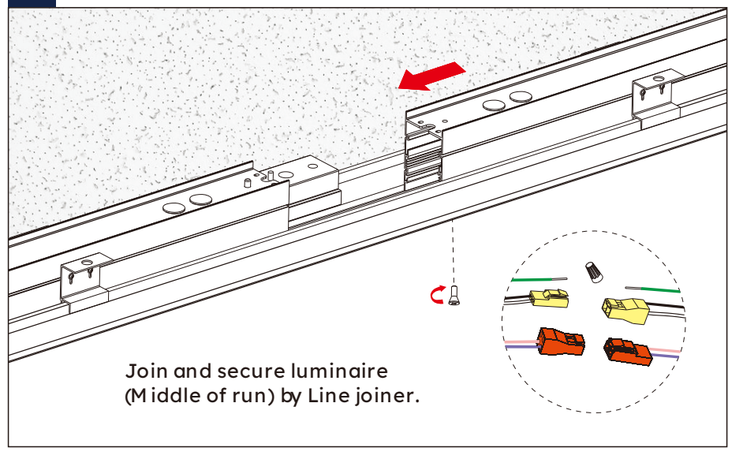
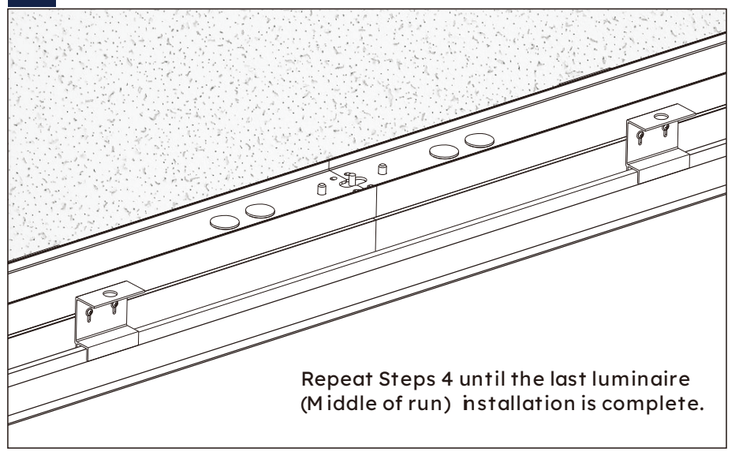
7 Refer to steps 7- 9 for installation of multiple - connection.



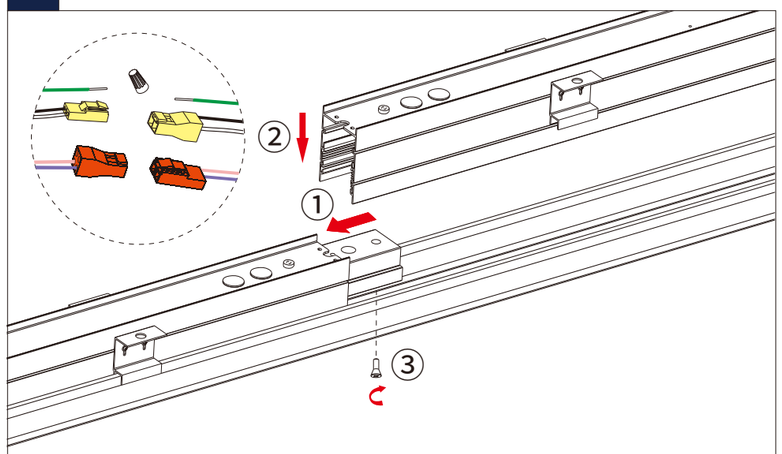
Join and secure luminaire
(Middle of run) by Line joiner.

8



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

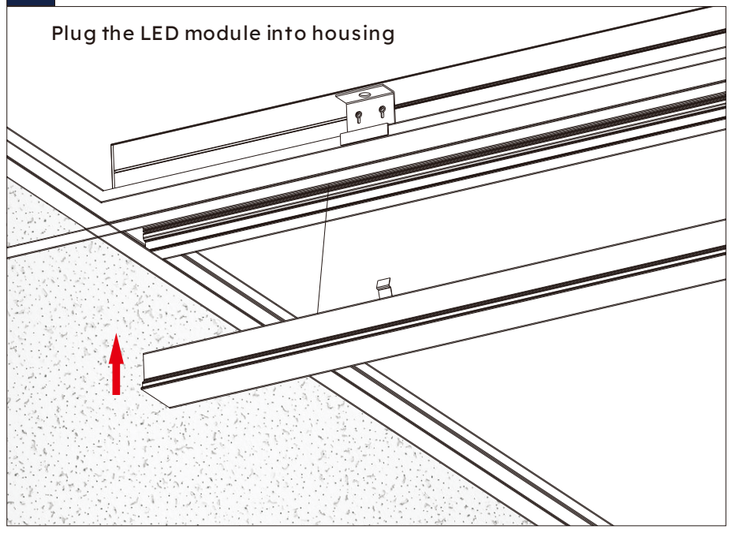
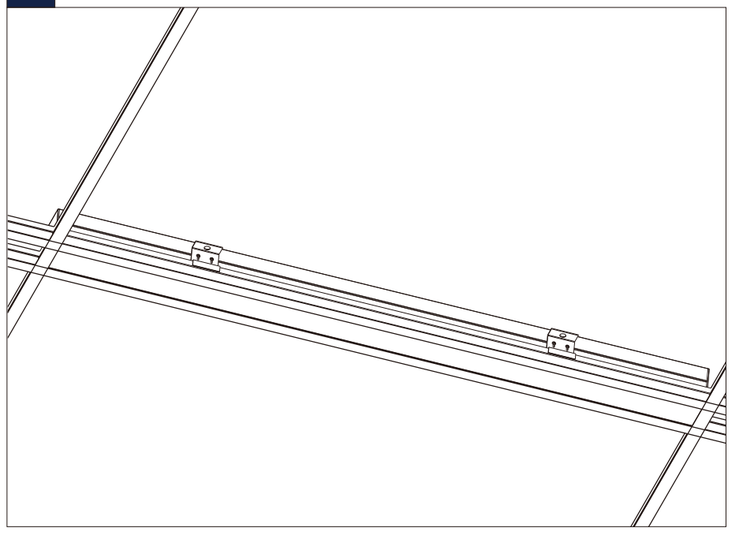
9



Secure the luminaire (End of run):
1.Slide the whole Line 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 line joiner halfway into the luminaire (End of run) and
secure by screws

10

Plug the LED module into housing



11 Complete