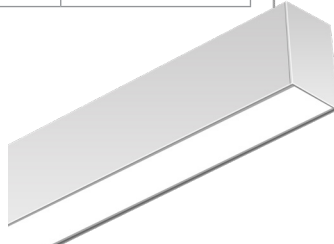


# INSTALLATION MANUAL

### PRODUCT PARAMETER

<b>INPUT VOLTAGE</b>	100-277V
<b>DIMMING</b>	1-10V
<b>MATERIAL</b>	ALUMINUM



#### MOUNTING



**SURFACE** - It is the ideal choice for low ceilings and minimal ceiling spaces. Surface mounted luminaires can be used effectively to enhance architectural features.

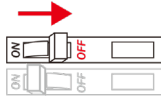


**WALL** - The slender design makes it perfect for corridors, private offices, classrooms, lobbies and general purpose rooms.



**PENDANT** - Best suited to spaces with generous ceiling heights. Light up the space to improve comfort with the indirect lighting option.

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



### TOOLS REQUIRED

1. Sharp Side Cutter
2. Electric Drill
3. Level
4. Measuring Tool
5. Wire Stripper/ Knife
6. Phillips Screwdrivers
7. Wire Cutters

### SAFETY INFORMATION

**BE SURE THE POWER IS OFF! RISK OF ELECTRICAL SHOCK:** Always use the switch to power off. Do not perform any operations while this unit is powered on. The electrical system you want to connect the device to must be grounded. Read the instructions before using or powering this device. The safety instructions must remain with the unit in case of transfer. Any damage to the device linked to an inappropriate use is excluded from support by the warranty. Before connecting, make sure that the current and voltage are compatible with this device. We highly recommend that all installations are made by QUALIFIED ELECTRICIAN. We are NOT responsible by any means for the use or misuse of the following information. We are NOT responsible in whole or part for any harm or damage that may or may not be caused. We reserve the right to revise the components of any product, due to part availability or change ETL, CUL, UL standards without assuming any obligation or liability to modify any products previously manufactured and without notice. These instructions do not cover all details of variations in equipment, nor do they provide every possible contingency to be met. Turn off / unplug power when installing or service device.

### WARNING

**WARNING:** Read all safety precautions and installation instructions carefully before installing or servicing this fixture. Failure to comply with these instructions could result in a potentially fatal electric shock, fire, and/or property damage. Read all instructions

Install in accordance with national and local electric code regulations. This product is intended to be installed and serviced by a qualified, licensed electrician. Do not install in wet locations. For dry and damp use only.

Turn off electrical power before installing or servicing fixture in any way. To reduce the risk of fire and overheating, make sure all connections are right. Under no circumstances can the lighting fixture be covered with heat insulation gasket or similar materials. The maximum connection of each input line is less than 40FT (1200cm) in 120V, less than 80FT (2400 cm) in 230V, less than 100FT (1300 cm) in 277V.

### FCC WARNING

**WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

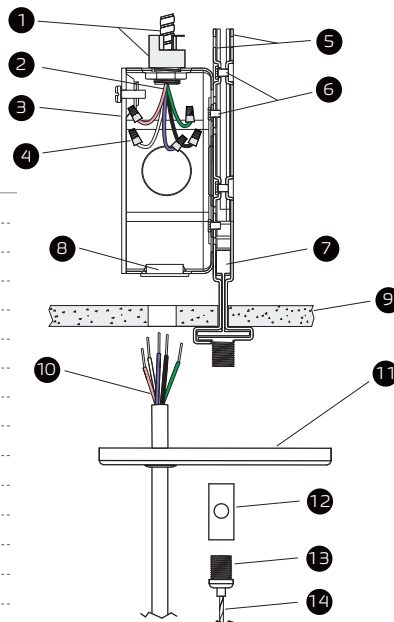
**NOTES:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

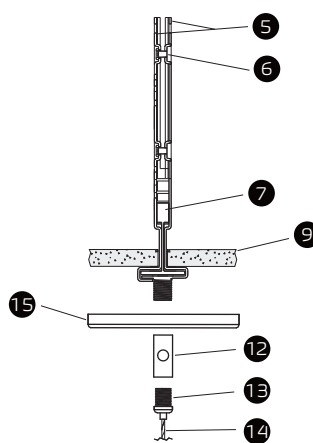
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## DROP CEILING PENDANT INSTALLATION (Caution: Before beginning installation turn off the circuit breaker and light switch)

### POWER FEED

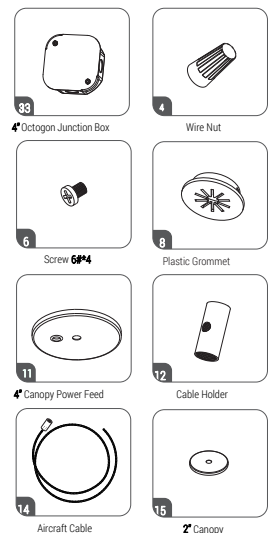


### NON POWER SUSPENSION



### 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



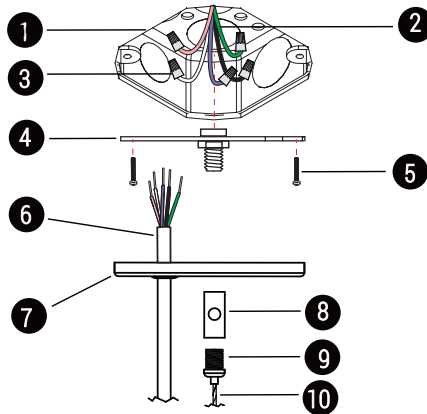
# INSTALLATION MANUAL

**DRYWALL CEILING (T-GRID CLIPS) PENDANT INSTALLATION** (Caution: Before beginning installation turn off the circuit breaker and light switch)

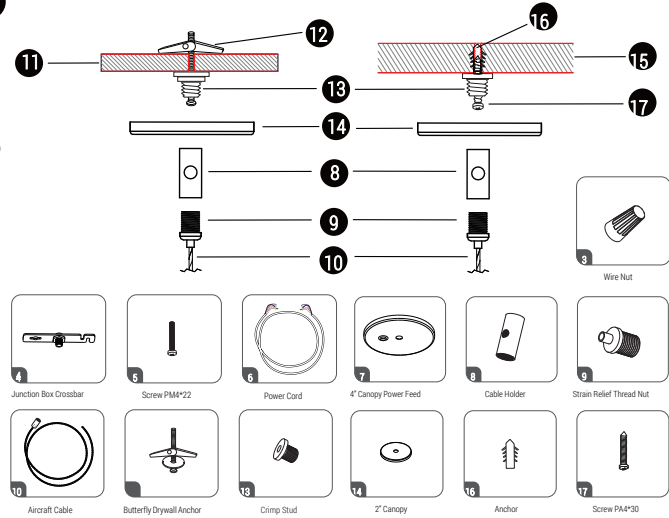
### PARTS LIST

- 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

### POWER FEED

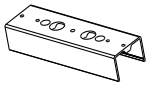


### NON POWER SUSPENSION

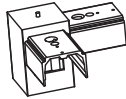


### JOINER OPTIONS

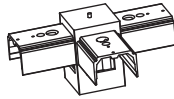
Noted: It needs 2 inputs if using joiner "T", "+" and "Y".



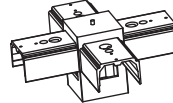
"-" Joiner



"L" Joiner



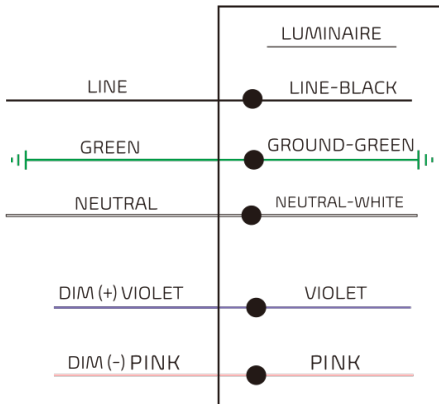
"T" Joiner



"+" Joiner

### WIRING

### CORD/SUPPLY WIRING



### PRE-INSTALLATION

Disassemble luminaires as shown below

#### Start of run (SoR):

Take off both end caps and PC diffuser, assemble the power cord according to page 3.



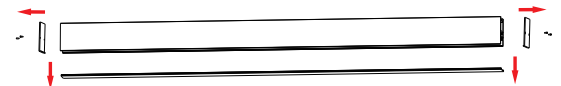
#### Middle of run (MoR):

Take off both end caps and PC diffuser



#### End of run (EoR):

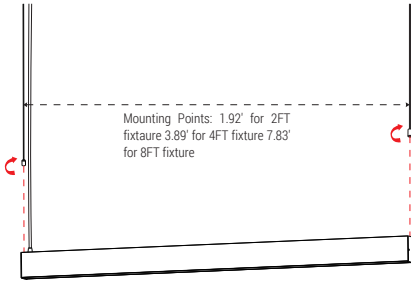
Take off both end caps and PC diffuser



# INSTALLATION MANUAL

## INDEPENDENT INSTALLATION (Caution: Before beginning installation turn off the circuit breaker and light switch)

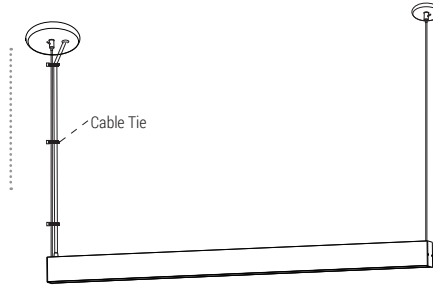
### STEP 1 HAND LUMINAIRE



Screw both bottom parts of aircraft cables clockwise and secure then 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.

### STEP 2 COMPLETE



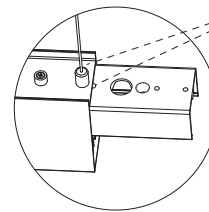
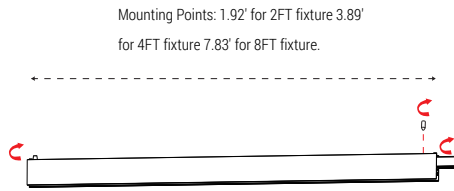
Use the cable tie to keep the electric wire going up along with the wire rope.

## MULTIPLE LUMINAIRE INSTALLATION (Caution: Before beginning installation turn off the circuit breaker and light switch)

### A. LINE CONNECTION

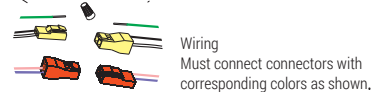
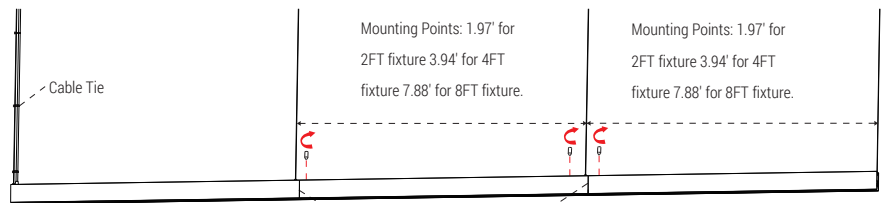
#### STEP 1 Hang luminaire and wiring - SoR

1-1: Screw both bottom parts of aircraft cables clockwise and secure then on the top of housing making sure they hang the lights.  
1-2: Insert the joiner "—" into luminaire from one side and fix it with screws.



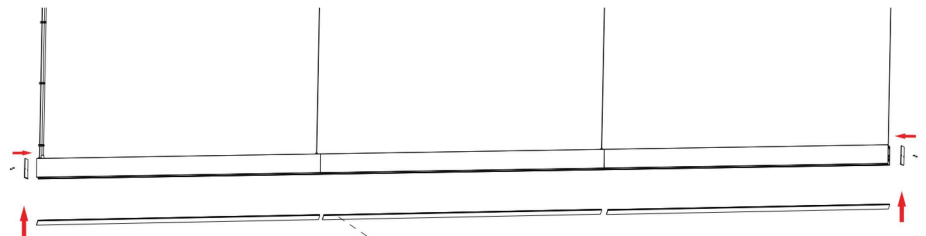
#### STEP 2 Repeat Hang and join steps - MoR to EoR

2-1: Connect the quick connectors properly.  
2-2: Zip tight power cord & aircraft suspension cable with the cable tie.



#### STEP 3 Reload diffusers and end caps

3-1: Reload the PC diffusers into the housing in turn.  
3-2: Reload the end caps and fix with screws.

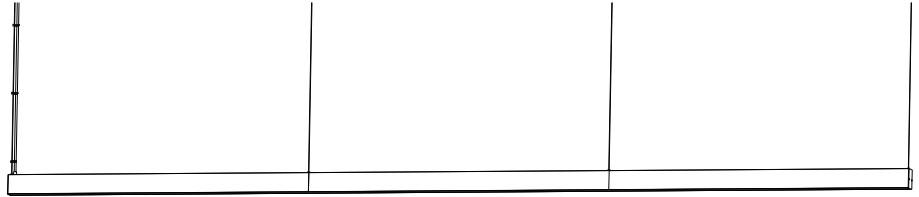


Diffuser (Optional Accessories)  
Optional continuous roll-out lens which can reach seamless continue runs up to 42' is available.

# INSTALLATION MANUAL

## MULTIPLE LUMINAIRE INSTALLATION (Caution: Before beginning installation turn off the circuit breaker and light switch)

STEP 4  
COMPLETE →

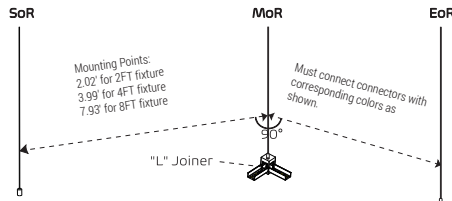


## MULTIPLE LUMINAIRE INSTALLATION (Caution: Before beginning installation turn off the circuit breaker and light switch)

### B. L SHAPE CONNECTION

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

STEP 1  
INSTALL JOINERS →

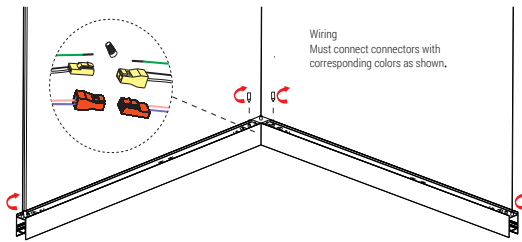


Screw the joiner "L" to the MoR aircraft cable in turn

Screw the joiner "L" to the MoR aircraft cable in turn.

STEP 2  
HANG LUMINAIRES AND JOIN

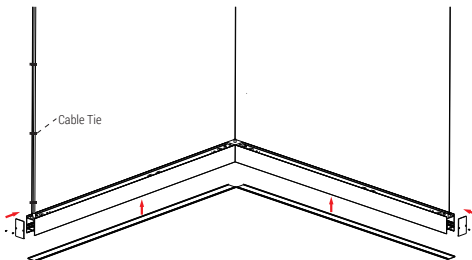
- 2-1: Screw aircraft cables clockwise and secure them, making sure they hang the lights.
- 2-2: Insert the joiner "L" into housing, and connect the quick connectors properly.
- 2-3: Fix the joiner to the housing with screws.



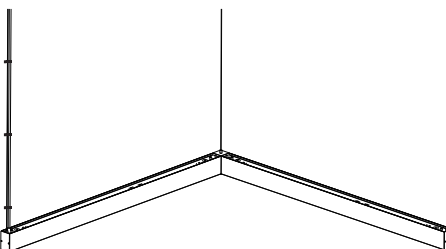
- ▲ **Adjust the height of luminaire.**  
Luminaire can be raised by pulling cable through the gripper and can be lowered by depressing the top cylinder on the gripper which pulls the luminaire down.

STEP 3  
Reload diffusers and end caps →

- 3-1: Zip tight power cord & aircraft suspension cable with the cable tie.
- 3-2: Reload the PC diffusers into the housing and fix the end caps with screws.



STEP 4  
COMPLETE →

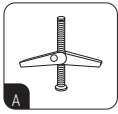


# INSTALLATION MANUAL

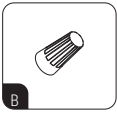
### PRE-INSTALLATION

Disassemble luminaires as shown below

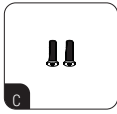
### ACCESSORY



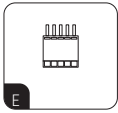
**A**  
Butterfly Drywall Anchor



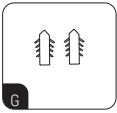
**B**  
Wire Nut



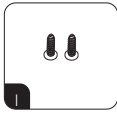
**C**  
Screw



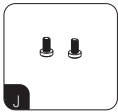
**E**  
Male quick connector (5holes)



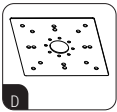
**G**  
Anchor



**I**  
Screw



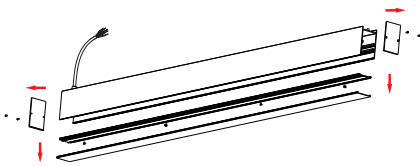
**J**  
Screw



**D**  
Square plate (Optional accessory)

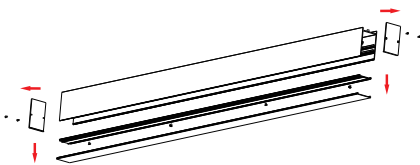
Noted: Square plate compatible for 4" octagon, 4" round, 4" square and 2x4" rectangle junction boxes.

### BEFORE CONNECTING



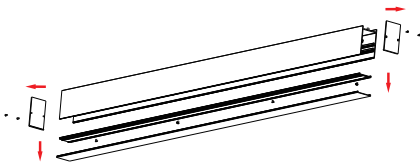
#### Start of run (SoR):

Take off both end caps and PC diffuser, assemble the power cord according to page 1.



#### Middle of run (MoR):

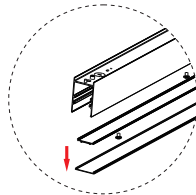
Take off both end caps and PC diffuser.



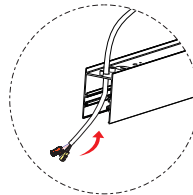
#### End of run (EoR):

Take off both end caps and PC diffuser.

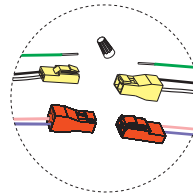
### Assemble Power Cord



1-1: Take off end cap, PC diffuser and LED modular.



1-2: Thread the power cord into the cord holder as shown.



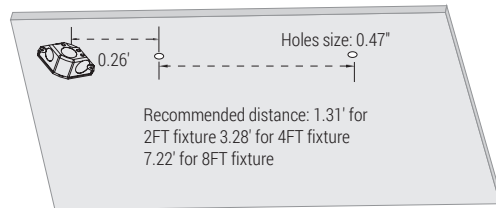
1-3: Wiring

Must connect connectors with corresponding colors as shown.

### INDEPENDENT INSTALLATION

#### STEP 1

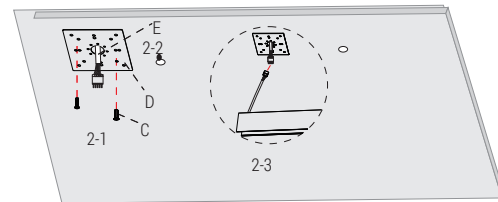
Prepare mounting point in the ceiling



#### STEP 2

Mount plate and wiring

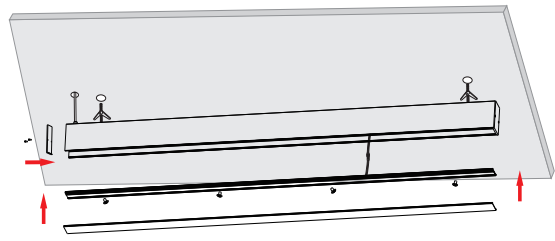
2-1: Cover the junction box with square plate "D" and fix it with screw "C", then plastering. 2-2: Plug in AC wires, dimming wires and ground wire into the male quick connector (5holes) "E" according to label instructions. 2-3: Plug in the male and female connector together, hide all wires into the junction box.



#### STEP 3

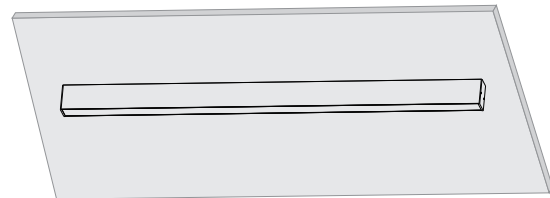
Screw the housing in the ceiling

3-1: Fix the housing in the ceiling with butterfly drywall anchor "A". Remark: Fix the housing with screws "I" if wooden frame ceiling. Fix the housing with anchor "G" and screws "I" if cement drywall. 3-2: Fix the led modular with screws, then mount the diffuser and end cap to the housing.



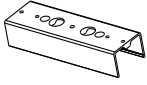
#### STEP 4

COMPLETE

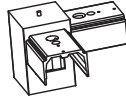


### INSTALLATION MANUAL

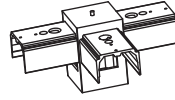
Noted: It needs 2 inputs if using joiner "T", "+" and "Y".



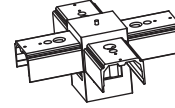
"—" Joiner



"L" Joiner



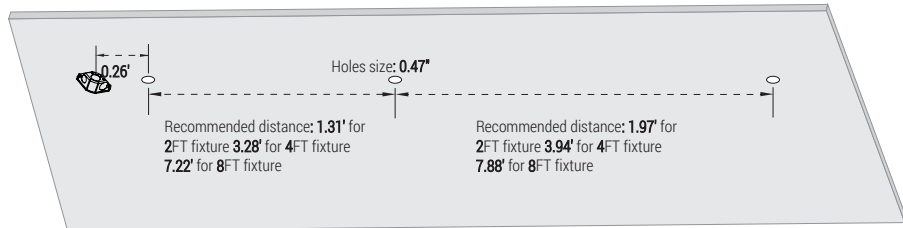
"T" Joiner



"+" Joiner

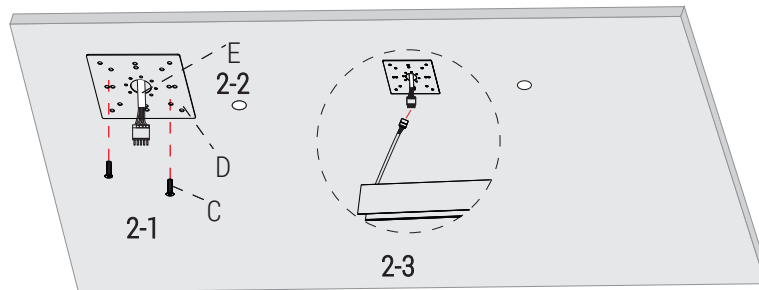
### BEFORE CONNECTING

**STEP 1** →  
Prepare mounting point in the ceiling



**STEP 2** →  
Mount plate and wiring

- 2-1: Cover the junction box with square plate "D" and fix it with screw "C", then plastering.
- 2-2: Plug in AC wires, dimming wires and ground wire into the male quick connector (5holes)"E" according to label instructions.
- 2-3: Plug in the male and female connector together, hide all wires into the junction box.



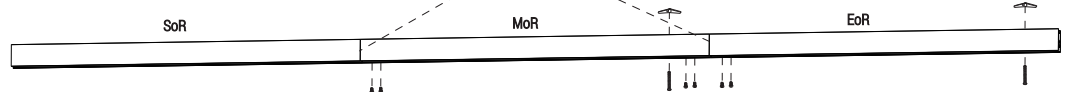
**STEP 3** →  
Install the housing and joiner – SoR

- 3-1: Fix the housing in the ceiling with butterfly drywall anchor "A".  
Remark : Fix the housing with screws "I" if wooden frame ceiling. Fix the housing with anchor "G" and Screws "I" if cement drywall.
- 3-2: Insert the joiner "—" into the SoR housing and fix it by screws.



**STEP 4** →  
Repeat install and join steps-MoR to EoR

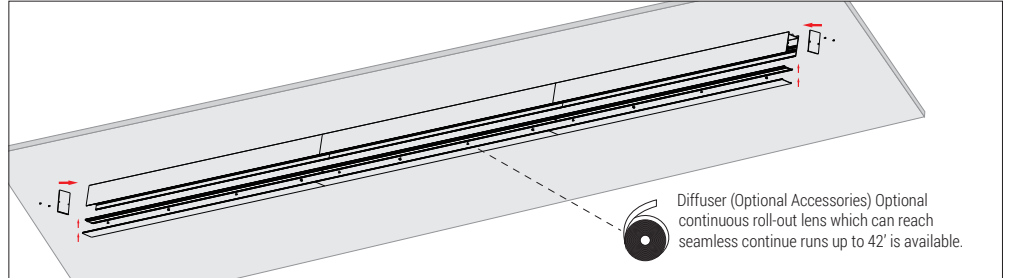
- 4-1: Fix the housing in the ceiling in turn.
- 4-2: Insert the joiner "—" into the housing and fix it by screws in turn.
- 4-3: Connect the quick connectors properly.



### INSTALLATION MANUAL

**STEP 5** →  
Reload LED modulars, diffusers and end caps

3-1: Fix the housing in the ceiling with butterfly drywall anchor "A".  
Remark : Fix the housing with screws "I" if wooden frame ceiling. Fix the housing with anchor "G" and Screws "I" if cement drywall.  
3-2: Insert the joiner "—" into the SoR housing and fix it by screws.



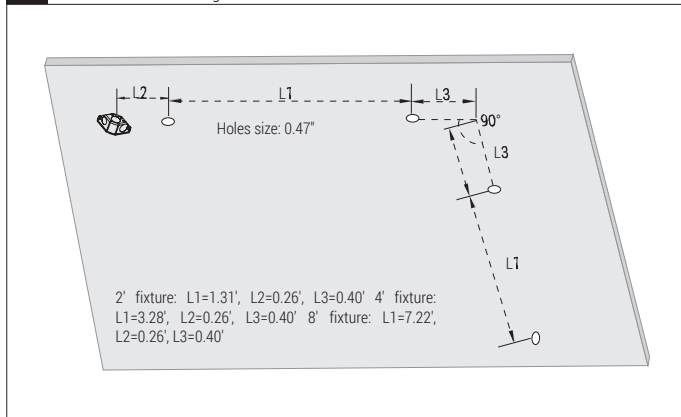
**STEP 6** →  
COMPLETE



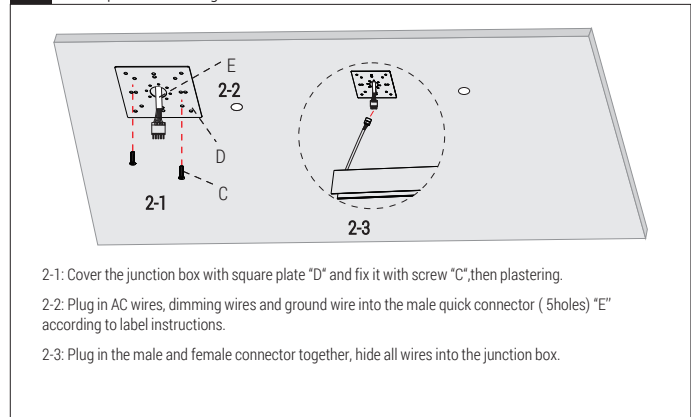
### L SHAPE CONNECTION

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

**1** Make hole in the ceiling

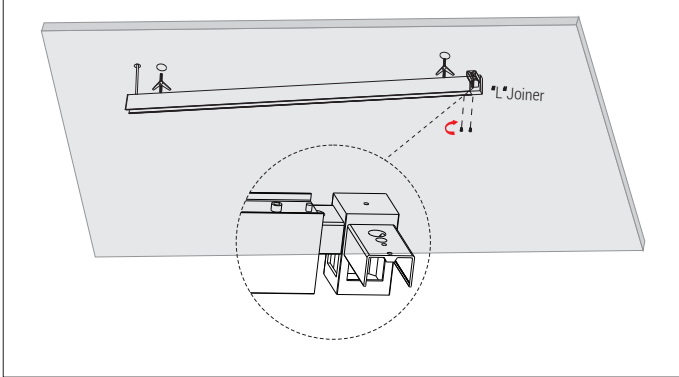


**2** Mount plate and wiring



### INSTALLATION MANUAL

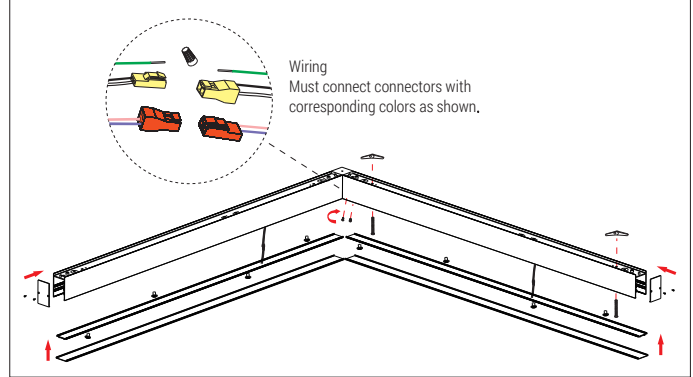
#### 3 Install the housing and joiner – SoR



3-1: Fix the housing in the ceiling with butterfly drywall anchor "A". Remark: Fix the housing with screws "I" if wooden frame ceiling. Fix the housing with Anchor "G" and Screws "I" if cement drywall.

3-2: Insert the joiner "L" into the SoR housing and fix it by screws.

#### 4 Repeat install and join steps-MoR to EoR



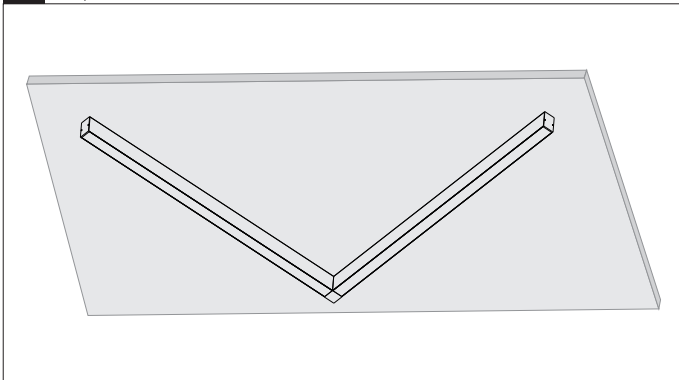
Wiring  
Must connect connectors with corresponding colors as shown.

4-1: Fix the housing in the ceiling in turn.

4-2: Insert the joiner "L" into the housing and fix it by screws in turn. 4-3: Connect the quick connectors properly.

4-4: Reload the LED modulars and PC diffusers into the housing and fix the end caps with screws.

#### 5 Complete



#### TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Light will not come on	A. Light switch is turned off. B. Fuse is blown or circuit breaker is turned off. C. Incorrect circuit wiring	A. Turn light switch on B. Replace fuse or turn circuit breaker on C. Verify that fixture is wired properly

#### CARE AND MAINTENANCE

**CAUTION:** Before attempting to clean the fixture, disconnect the power to the fixture by turning the breaker off or removing the fuse from the fuse box. This LED light fixture is made from quality materials that will last many years with minimum care and maintenance. You may want to clean the fixture with a soft cloth periodically. To maintain the best appearance of the fixture, do not use cleaners with chemicals, solvents or harsh abrasives. Do not use liquid cleaner on the LEDs, LED driver, or wiring inside the light fixture.