

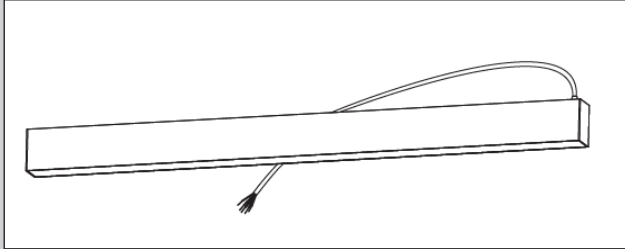
INSTALLATION GUIDE:

Surface Mount LED

2FT, 3FT, 4FT, 8FT - Wattage Adjustable



TOOLS YOU MAY NEED



GOGGLES



TAPE MEASURE



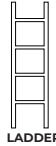
RUBBER GLOVES



PHILLIPS SCREW DRIVER



DRILL



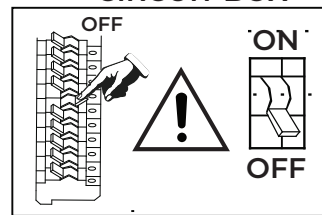
LADDER



FOR YOUR SAFETY, READ AND UNDERSTAND FOLLOW INSTRUCTIONS!
KEEP THE INSTRUCTIONS IN SAFE PLACE FOR FUTURE REFERENCE!

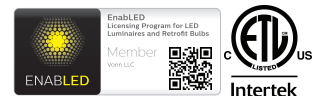


CIRCUIT BOX



LED INFO & WARNINGS ⚠️

<p>Please read and understand the entire manual before attempting to assemble, operate, or install the product.</p>	<p>Make sure that you have all necessary parts by checking the parts list. If any part is missing or damaged please contact VONN LIGHTING CUSTOMER SERVICE at 888-604-8666 for a replacement.</p>
<p>All parts must be used as indicated in these instructions. Do not substitute any parts, leave parts out, or use any parts that are worn or broken.</p>	<p>Inspect the LED fixture prior to installation to make sure that it has not been damaged during shipping.</p>
<p>Please handle the LED light with care when unpacking. Do not apply pressure to the LED's, do not open any factory sealed compartments, and do not touch the LEDs with your hands.</p>	<p>VONN highly recommends to use a qualified, licensed electrician to install the fixture. ⚠️</p>
<p>VONN recommends to install the fixture on its own independent circuit. Do not install the fixture on the same circuit with the other appliances, or HVAC systems.</p>	<p>Do not remove or replace VONN manufactured parts that is provided with the fixture.</p>
<p>Place the wall switch in the "OFF" position of the room you are installing the fixture.</p>	<p>Shut "OFF" the electricity at main fuse box.</p>



Instructions



2.3" SURFACE LED

ARCHITECTURAL LED LUMINAIRE

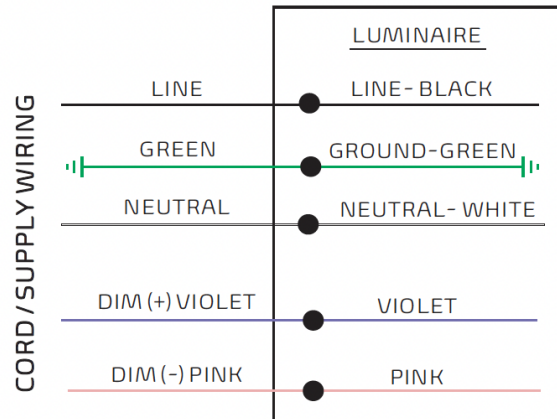


RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL, BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

IMPORTANT

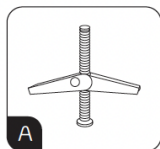
1. Read all instructions before installation.
2. Install in accordance with all national and local electrical codes and regulations.
3. This product must be installed and serviced by a qualified, licensed electrician.
4. Do not install in wet locations. For dry and damp locations only.
5. Turn off power before installing or servicing the fixture.
6. To reduce the risk of fire or overheating, ensure all electrical connections are secure.
7. Do not cover the lighting fixture with insulation, gaskets, or similar materials.
8. Maximum continuous input line length: 40 ft (1200 cm) at 120VAC, 80 ft (2400 cm) at 230VAC, and 100 ft (3000 cm) at 277VAC.

WIRING

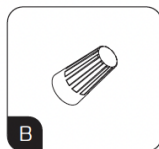


If dimming is not required, individually isolate the two dimming wires using the P2 terminal. Connect wires only to their corresponding colors as shown.

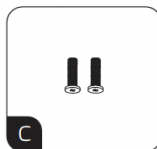
ACCESSORIES



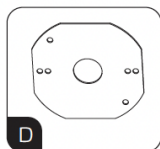
Butterfly Drywall Anchor



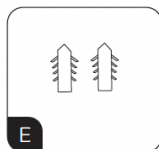
Wire Nut



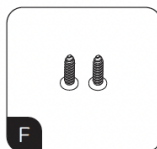
Screw



Square plate
(Optional accessory)
Noted: Square plate
Compatible for 4" round, 4" square and 2" x 4" rectangle junction boxes.



Anchor



Screw

Instructions



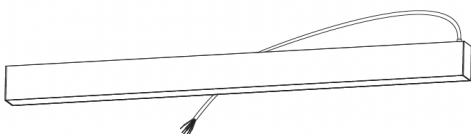
2.3" SURFACE LED

ARCHITECTURAL LED LUMINAIRE INDEPENDENT INSTALLATION

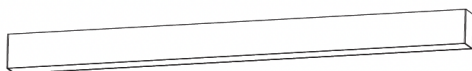


RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

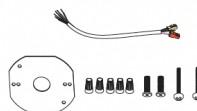
First style: Finished product with power cord.



Second style: Finished product with separate power cord.



1. Finished product without power cord



2. Power cord kits

Third style: Semi-finished product



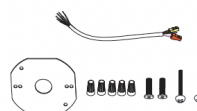
1. Housing



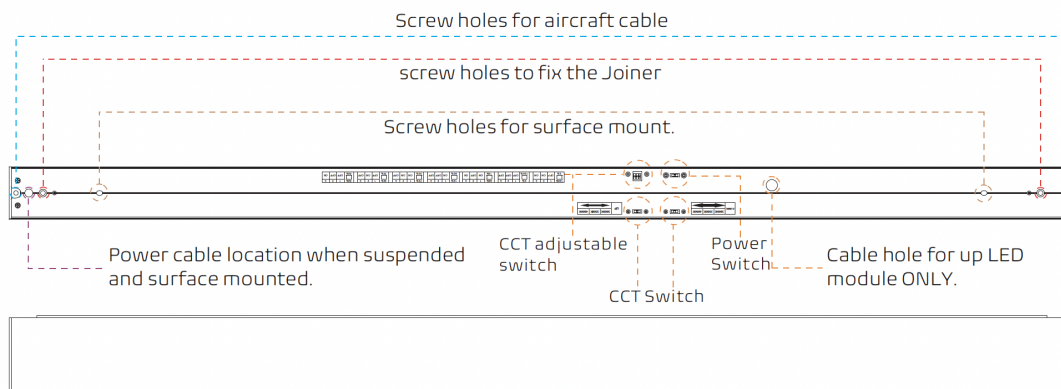
2. Down LED module



3. End caps



4. Power kits



Instructions

VONN

2.3" SURFACE LED

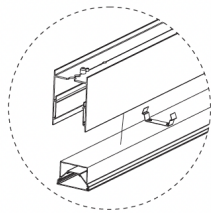
ARCHITECTURAL LED LUMINAIRE INDEPENDENT INSTALLATION



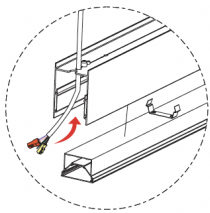
RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

PRE-INSTALLATION

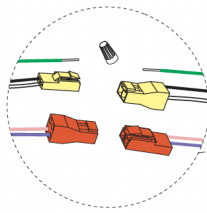
Assemble Power Cord



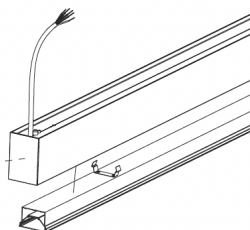
1. Take off the end cap and LED modular.



2. Thread the power cord out of the housing as shown.

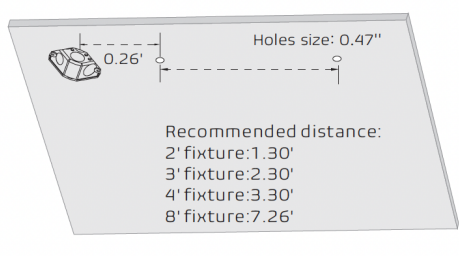


3. **Wiring**
Must connect connectors with corresponding colors as shown. (The green ground wire is connected with a wire nut. Insert the yellow male and female to connect the black and white AC wire. Insert the orange male/female to connect the purple/pink dimming wires.)

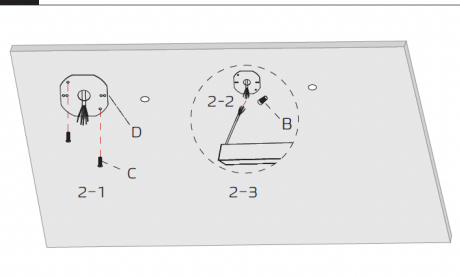


4. Remount end cap into housing.

1 Prepare mounting point in the ceiling



2 Mount plate and wiring



2-1: Cover the junction box with square plate "D" and fix it with the screw "C", then plastering.

2-2: Then using the wire nut "B" to connect AC wires and dimming wires.

2-3: Hide all wires into the junction box.

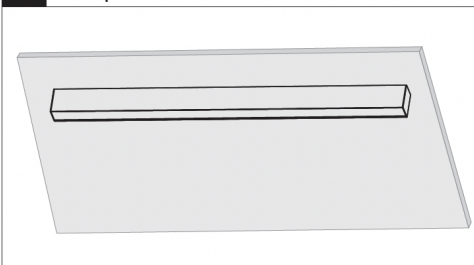
3 Screw the housing in the ceiling



3-1: Fix the housing in the ceiling with butterfly drywall anchor "A".
Remark: Fix housing with screws "F" if wooden frame ceiling. Fix the housing with anchor "E" and screws "F" if cement drywall.

3-2: Press the LED modular into housing.

4 Complete



Instructions

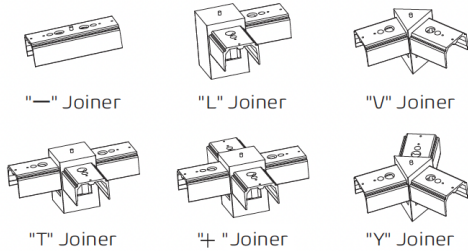


2.3" SURFACE LED

ARCHITECTURAL LED LUMINAIRE MULTIPLE LUMINAIRES CONNECTION

⚠ 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.

JOINER OPTIONS



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

BEFORE CONNECTING

Disassemble Luminaires

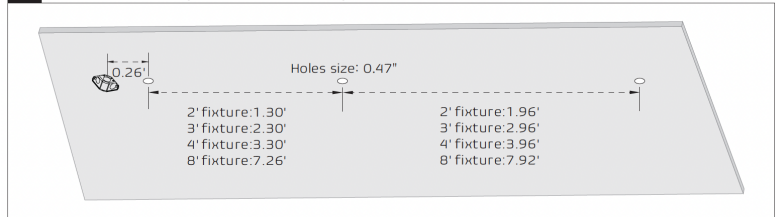
Start of run (SoR):
Remove the end cap without power code, and take the LED module out.

Middle of run (MoR):
Remove both end caps, and take the LED module out.

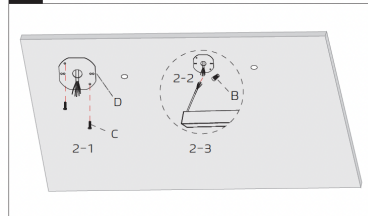
End of run (EoR):
Remove the end cap without power cord, and take the LED module out.

LINE CONNECTION

1 Prepare mounting point in the ceiling

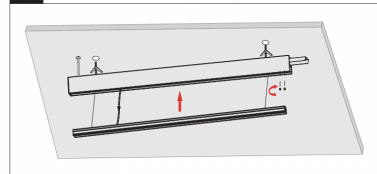


2 Mount plate and wiring



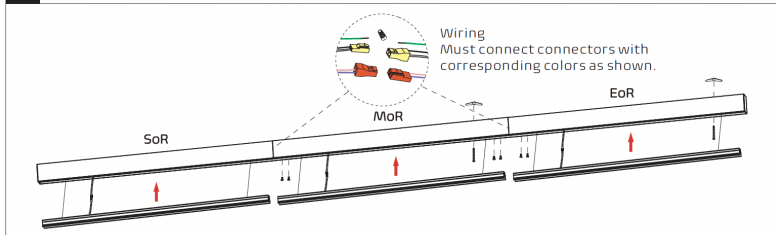
2-1: Cover the junction box with square plate "D" and fix it with screw "C", then plastering.
2-2: Then using the wire nut "B" to connect AC wires and dimming wires.
2-3: Hide all wires into the junction box.

3 Install the housing and joiner - SoR



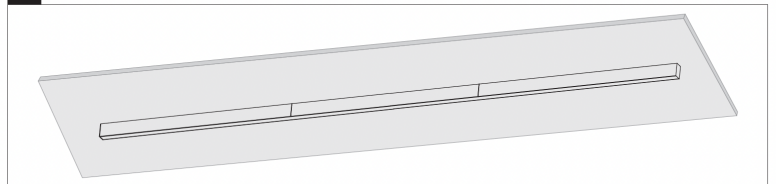
3-1: Fix the housing in the ceiling with butterfly drywall anchor "A".
Remark: Fix the housing with screws "E" if wooden frame ceiling. Fix the housing with Anchor "E" and screws "F" if cement drywall.
3-2: Insert the joiner "-" into the SoR housing and fix it by screws.

4 Repeat install and join steps - MoR to EoR

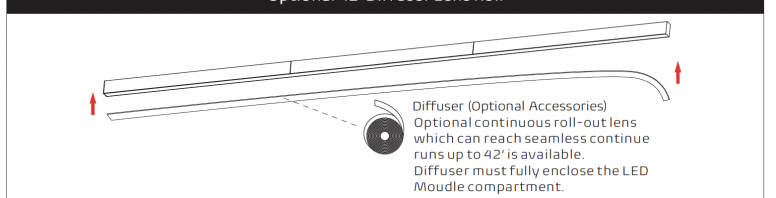


4-1: Fix the housing in the ceiling in turn.
4-2: Insert the joiner "-" into the housing and fix it by screws in turn.
4-3: Connect the quick connectors properly.
4-4: Insert all the LED modules into the housing from SoR to EoR in turn.

5 Complete



Optional 42' Diffuser Lens Roll



Instructions



2.3" SURFACE LED

ARCHITECTURAL LED LUMINAIRE MULTIPLE LUMINAIRES CONNECTION



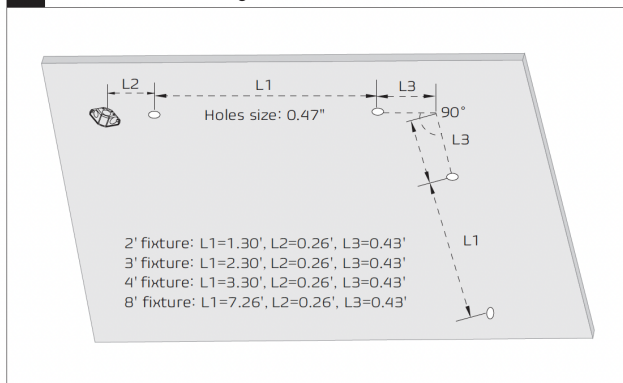
RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

L SHAPE CONNECTION

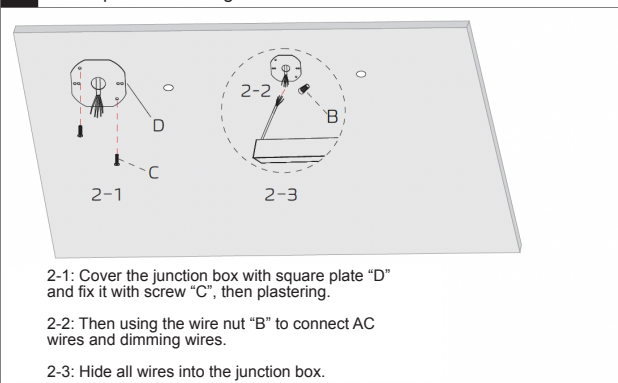
▲ For "T", "Y", "V" shape or other geometric shapes, all subject to the "L" shape installation

▲ It needs 2 inputs if using joiner "T", "Y".

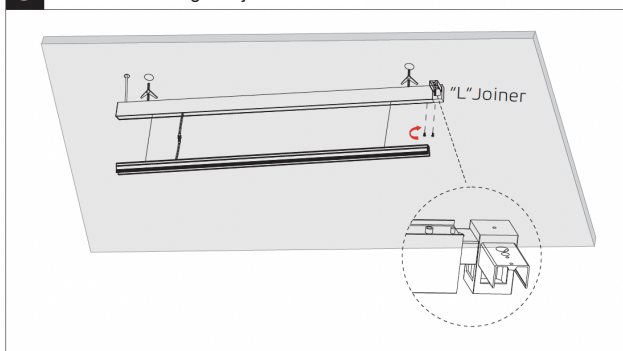
1 Make hole in the ceiling



2 Mount plate and wiring



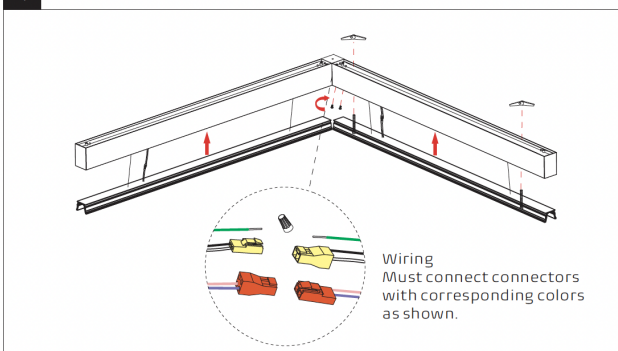
3 Install the housing and joiner — SoR



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

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

4



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: Insert all the LED modules into the housing from SoR to EoR in turn.

5 Complete

