

## INSTALLATION INSTRUCTIONS



**BEFORE YOU BEGIN**  
Read and follow all safety instructions

### **WARNING**

#### RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NRTL) approved wire for input/output connections.
- Make sure LEDs and drivers are cool to touch when performing maintenance. Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- Keep tightly closed when in operation



### Prepare Electrical Wiring



#### Electrical Requirements

Must check if the local voltage range is correspond with the working voltage of the fixture. Use min. 75°C supply.



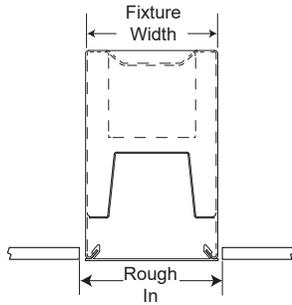
#### Grounding Instructions

The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.



Follow all applicable safety procedures and use Personal Protective Equipment such as hardhats, safety glasses, reflective vest, electrical safety gloves, fall protection equipment and safety toe boots during the installation, operation, and maintenance of the luminaire.

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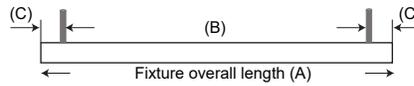
### ROUGH-IN

FIXTURE	FIXTURE WIDTH	ROUGH IN
12100-20	2.5"	2.75"
12100-40	4"	4.25"

Rough-in for length is  
Row / fixture length + 3/8"

### ROD installation

Rough in fixture opening and install 1/4" hardware following the "ROD locations" chart.



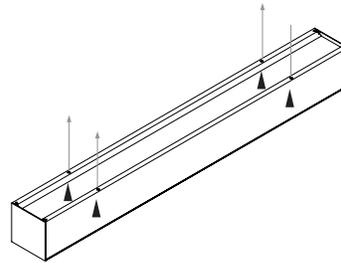
### ROD LOCATIONS

FIXTURE	(A)	(B)	(C)
12100-20/40 - 2'	24"	18"	3"
12100-20/40 - 3'	36"	30"	3"
12100-20/40 - 4'	48"	42"	3"
12100-20/40 - 5'	60"	54"	3"
12100-20/40 - 6'	72"	66"	3"
12100-20/40 - 8'	96"	90"	3"

### STUD installation

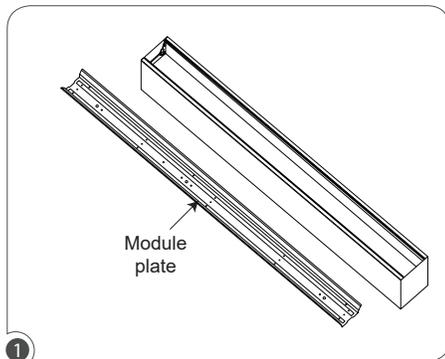
Rough in fixture opening and install proper hardware for Ø 0.2" (5.2mm) following the "Stud locations" chart.

\* Number of surface mount holes vary per fixture length.

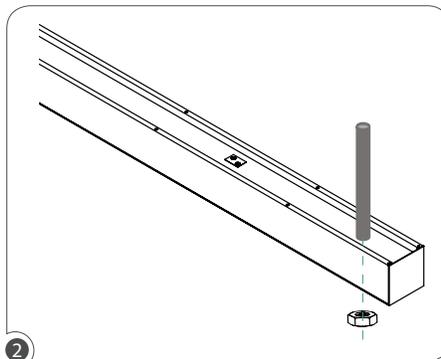


\* Check "stud installation" page to find more details.

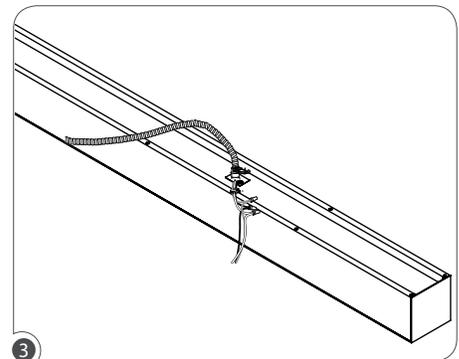
### Individual Fixture



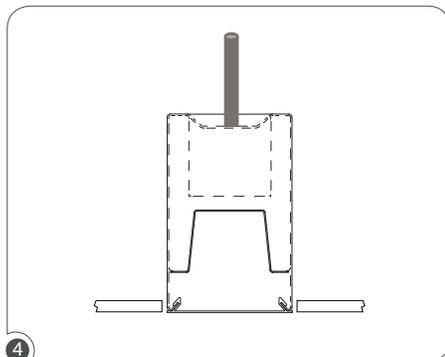
1 Remove LED module plate.



2 Install 1/4" Rods and necessary hardware followed by the chart in the previous page (Rods and hardware provided by others).



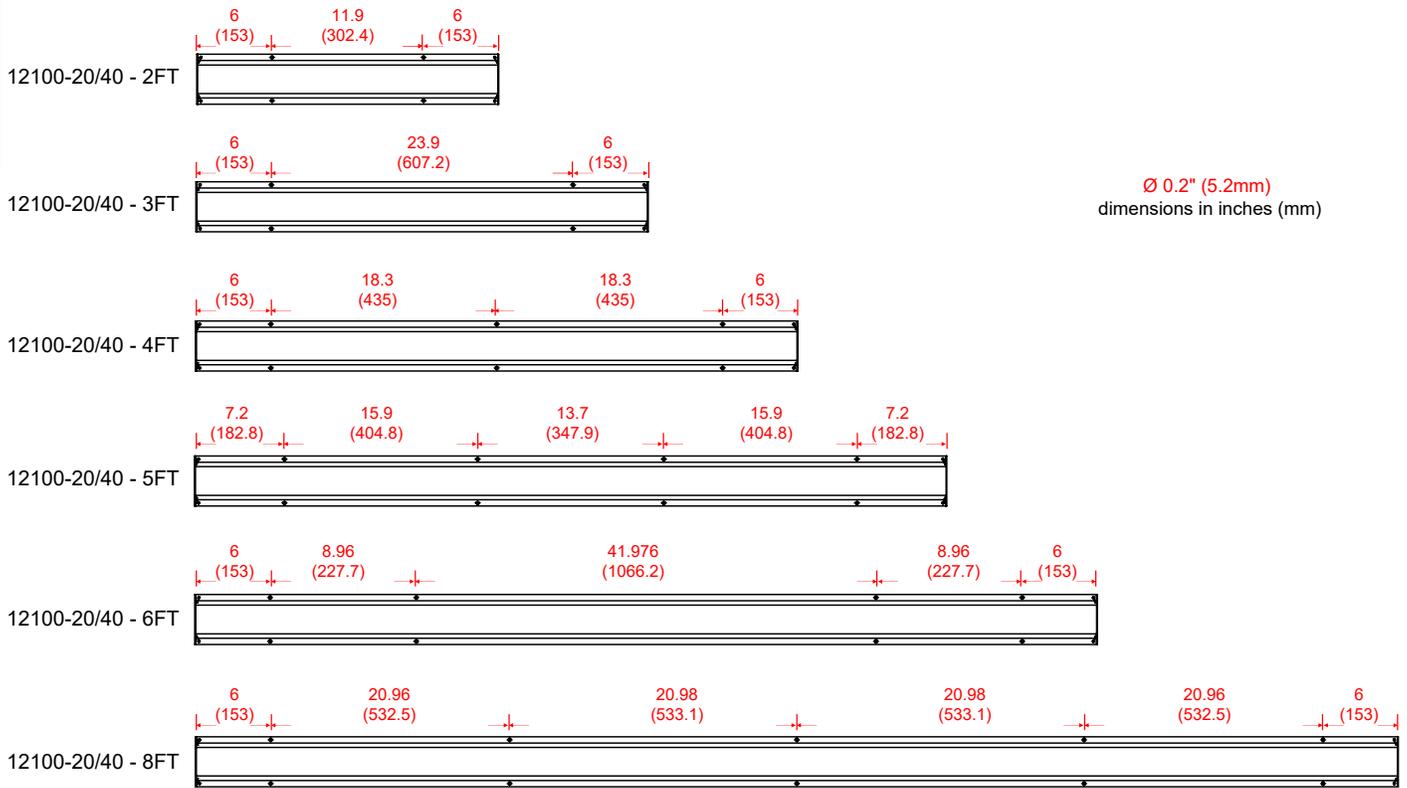
3 Make wiring connections to building power through access plate.



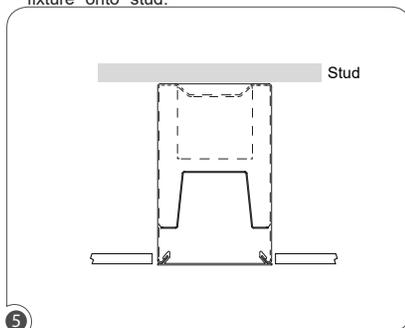
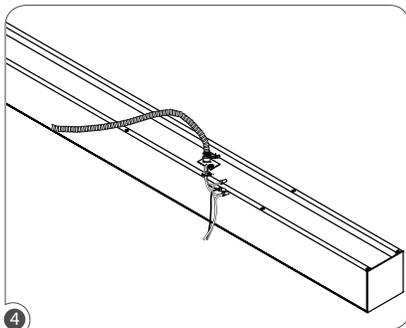
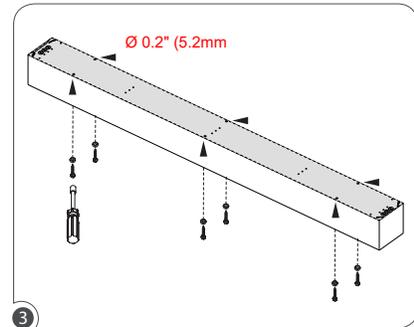
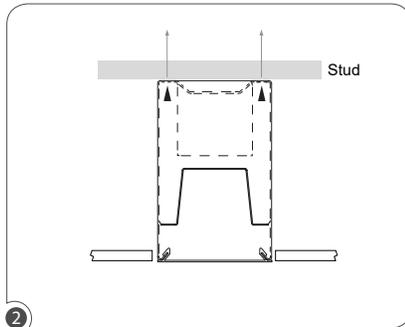
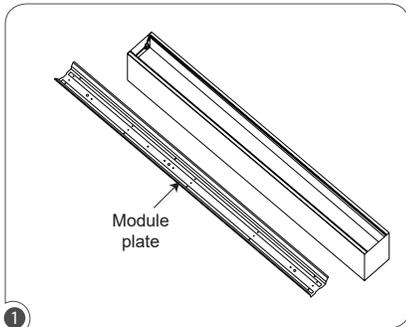
4 Re-install module plate and lens.

For continuous run, see "continuous row" page.

## STUD installation



### Individual Fixture



For continuous run, see "continuous row" page.

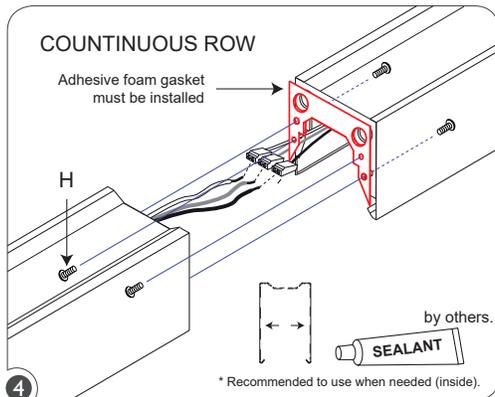
## STUD installation

### CONTINUOUS ROW

#### TOOL(S) NEEDED:

Option 1) Cordless drill and an elbow or L-shape adapter with Philips Insert Bit extension.

Option 2) Flexible Screwdriver with Philips Insert Bit.



- 1) Make wiring connection from each fixture power supply wires together.
- 2) Align fixtures and screw together with 4 screws(H).